

※ Papers appeared in major refereed journals (Science, ApJ, AJ, MNRAS, & A&A)

**Total: 190**

**First author: 77**

**Corresponding author: 39**

**Coauthor: 74**

2017 (11 papers)

**190. "OGLE-2016-BLG-0263Lb: Microlensing Detection of Very Low-Mass Binary Companion Through a Repeating Event Channel"**

- Authors: **C. Han**, A. Udalski, A. Gould, I. A. Bond, M. D. Albrow, S.-J. Chung, Y. K. Jung, Y.-H. Ryu, I.-G. Shin, J. C. Yee, W. Zhu, S.-M. Cha, S.-L. Kim, D.-J. Kim, C.-U. Lee, Y. Lee, B.-G. Park, J. Skowron, P. Mróz, P. Pietrukowicz, S. Kozłowski, R. Poleski, M. K. Szymański<sup>2</sup>, I. Soszyński, K. Ulaczyk, M. Pawlak, F. Abe, Y. Asakura, R. Barry, D. P. Bennett, A. Bhattacharya, M. Donachie, P. Evans, A. Fukui, Y. Hirao, Y. Itow, N. Koshimoto, M. C. A. Li, C. H. Ling, K. Masuda, Y. Matsubara, Y. Muraki, M. Nagakane, K. Ohnishi, C. Ranc, N. J. Rattenbury, To. Saito, A. Sharan, D. J. Sullivan, T. Sumi, D. Suzuki<sup>1</sup>, P. J. Tristram, T. Yamada<sup>1</sup>, T. Yamada, A. Yonehara
- Journal: The Astronomical Journal, v154, p133-141
- Authorship: First author
- Publish date: 2017/09/10 ---

**189. "Ground-based Parallax Confirmed by Spitzer: Binary Microlensing Event MOA-2015-BLG-020"**

- Authors: T. Wang, W. Zhu, S. Mao, I. A. Bond, A. Gould, A. Udalski, T. Sumi, V. Bozza, C. Ranc, A. Cassan, J. C. Yee, **C. Han**, F. Abe, Y. Asakura, R. Barry, D. P. Bennett, A. Bhattacharya, M. Donachie, P. Evans, A. Fukui, Y. Hirao, Y. Itow, K. Kawasaki, N. Koshimoto, M. C. A. Li, C. H. Ling, K. Masuda, Y. Matsubara, S. Miyazaki, Y. Muraki, M. Nagakane, K. Ohnishi, N. Rattenbury, To. Saito, A. Sharan, H. Shibai, D. J. Sullivan, D. Suzuki, P. J. Tristram, T. Yamada, A. Yonehara (MOA Collaboration), S. Kozłowski, P. Mróz, M. Pawlak, P. Pietrukowicz, R. Poleski, J. Skowron, I. Soszyński, M. K. Szymański, K. Ulaczyk, C. Beichman, G. Bryden, S. Calchi Novati, S. Carey, M. Fausnaugh, B. S. Gaudi, C. B. Henderson, Y. Shvartzvald, B. Wibking, M. D. Albrow, S.-J. Chung, K.-H. Hwang, Y. K. Jung, Y.-H. Ryu, I.-G. Shin, S.-M. Cha, D.-J. Kim, H.-W. Kim, S.-L. Kim, C.-U. Lee, Y. Lee, B.-G. Park, R. W. Pogge, R. A. Street, Y. Tsapras, M. Hundertmark, E. Bachelet, M. Dominik, K. Horne, R. Figuera Jaimes, J. Wambsganss, D. M. Bramich, R. Schmidt, C. Snodgrass, I. A. Steele, J. Menzies
- Journal: The Astrophysical Journal, v845, p129-139
- Authorship: Coauthor
- Publish date: 2017/08/20 ---

**188. "OGLE-2014-BLG-1112LB: A Microlensing Brown Dwarf Detected Through the Channel of a Gravitational Binary-Lens Event"**

- Authors: **C. Han**, A. Udalski, V. Bozza, M. K. Szymański, I. Soszyński, J. Skowron, P. Mróz, R. Poleski, P. Pietrukowicz, S. Kozłowski, K. Ulaczyk, Ł. Wyrzykowski, S. Calchi Novati, G. D'Ago, M. Dominik, M. Hundertmark, U. G. Jorgensen, G. Scarpetta
- Journal: The Astrophysical Journal, v843, p87-94
- Authorship: First author
- Publish date: 2017/07/01 ---

**187. "OGLE-2016-BLG-1469L: Microlensing Binary Composed of Brown Dwarfs"**

- Authors: **C. Han**, A. Udalski, T. Sumi, A. Gould, M. D. Albrow, S.-J. Chung, Y. K. Jung, Y.-H. Ryu, I.-G. Shin, J. C. Yee, W. Zhu, S.-M. Cha, S.-L. Kim, D.-J. Kim, C.-U. Lee, Y. Lee, B.-G. Park, I. Soszyński, P. Mróz, P. Pietrukowicz, M. K. Szymański, J. Skowron, R. Poleski, S. Kozłowski, K. Ulaczyk, M. Pawlak, F. Abe, Y. Asakura, D. P. Bennett, I. A. Bond, A. Bhattacharya, M. Donachie, M. Freeman, A. Fukui<sup>1</sup>, Y. Hirao, Y. Itow, N. Koshimoto, M. C. A. Li, C. H. Ling, K. Masuda, Y. Matsubara, Y. Muraki, M. Nagakane, K. Ohnishi, H. Oyokawa, N. J. Rattenbury, To. Saito, A. Sharan, D. J. Sullivan, D. Suzuki, P. J. Tristram, T. Yamada, T. Yamada, A. Yonehara, R. Barry
- Journal: The Astrophysical Journal, v843, p59-68
- Authorship: First author
- Publish date: 2017/07/01 ---

**186. "OGLE-2016-BLG-1003: First Resolved Caustic-crossing Binary-source Event Discovered by Second-generation Microlensing Surveys"**

- Authors: Y. K. Jung, A. Udalski, I. A. Bond, J. C. Yee, A. Gould, **C. Han**, M. D. Albrow, C.-U. Lee, S.-L. Kim, K.-H. Hwang, S.-J. Chung, Y.-H. Ryu, I.-G. Shin, W. Zhu, S.-M. Cha, D.-J. Kim, Y. Lee, B.-G. Park, H.-W. Kim, R. W. Pogge, J. Skowron, M. K. Szymański, R. Poleski, P. Mróz, S. Kozłowski, P. Pietrukowicz, I. Soszyński, K. Ulaczyk, M. Pawlak, F. Abe, D. P. Bennett, R. Barry, T. Sumi, Y. Asakura, A. Bhattacharya, M. Donachie, A. Fukui, Y. Hirao, Y. Itow, N. Koshimoto, M. C. A. Li, C. H. Ling, K. Masuda, Y. Matsubara, Y. Muraki, M. Nagakane, N. J. Rattenbury, P. Evans, A. Sharan, D. J. Sullivan, D. Suzuki, P. J. Tristram, T. Yamada,

- T. Yamada, A. Yonehara
  - Journal: The Astrophysical Journal, v841, p75-92
  - Authorship: Coauthor
  - Publish date: 2017/06/01 ---
- 185. "An Earth-mass Planet in a 1 au Orbit around an Ultracool Dwarf"**
- Authors: Y. Shvartzvald, J. C. Yee, S. Calchi Novati, A. Gould, C.-U. Lee, C. Beichman, G. Bryden, S. Carey, B. S. Gaudi, C. B. Henderson, W. Zhu, M. D. Albrow, S.-M. Cha, S.-J. Chung, **C. Han**, K.-H. Hwang, Y. K. Jung, D.-J. Kim, H.-W. Kim, S.-L. Kim, Y. Lee, B.-G. Park, R. W. Pogge, Y.-H. Ryu, I.-G. Shin
  - Journal: The Astrophysical Journal, v840, p3-9
  - Authorship: Coauthor
  - Publish date: 2017/04/26 ---
- 184. "OGLE-2015-BLG-1482L: The First Isolated Low-Mass Microlens in the Galactic Bulge"**
- Authors: S.-J. Chung, W. Zhu, A. Udalski, C.-U. Lee, Y.-H. Ryu, Y. K. Jung, I.-G. Shin, J. C. Yee, K.-H. Hwang, A. Gould, M. Albrow, S.-M. Cha, **C. Han**, D.-J. Kim, H.-W. Kim, S.-L. Kim, Y.-H. Kim<sup>2</sup>, Y. Lee, B.-G. Park, R. W. Pogge, R. Poleski, P. Mróz, P. Pietrukowicz, J. Skowron, M. K. Szymański, I. Soszyński, S. Kozłowski, K. Ulaczyk, M. Pawlak, C. Beichman, G. Bryden, S. Calchi Novati, S. Carey, M. Fausnaugh, B. S. Gaudi, Calen B. Henderson, Y. Shvartzvald, B. Wibking
  - Journal: The Astrophysical, v838, p154-168
  - Authorship: Coauthor
  - Publish date: 2017/04/05 ---
- 183. "OGLE-2016-BLG-0596Lb: A High-mass Planet from a High-magnification Pure-survey Microlensing Event"**
- Authors: P. Mróz, **C. Han**, A. Udalski, R. Poleski, J. Skowron, M. K. Szymański, I. Soszyński, P. Pietrukowicz, S. Kozłowski, K. Ulaczyk, Ł. Wyrzykowski, M. Pawlak, M. D. Albrow, S.-M. Cha, S.-J. Chung, Y. K. Jung, D.-J. Kim, S.-L. Kim, C.-U. Lee, Y. Lee, B.-G. Park, R. W. Pogge, Y.-H. Ryu, I.-G. Shin, J. C. Yee, W. Zhu, A. Gould
  - Journal: The Astronomical Journal, v153, p143-153
  - Authorship: Corresponding author
  - Publish date: 2017/03/07 ---
- 182. "Binary Source Microlensing Event OGLE-2016-BLG-0733: Interpretation of a Long-term Asymmetric Perturbation"**
- Authors: Y. K. Jung, A. Udalski, J. C. Yee, T. Sumi, A. Gould, **C. Han**, M. D. Albrow, C.-U. Lee, S.-L. Kim, S.-J. Chung, K.-H. Hwang, Y.-H. Ryu, I.-G. Shin, W. Zhu, S.-M. Cha, D.-J. Kim, Y. Lee, B.-G. Park, R. W. Pogge, P. Pietrukowicz, S. Kozłowski, R. Poleski, J. Skowron, P. Mróz, M. K. Szymański, I. Soszyński, M. Pawlak, K. Ulaczyk, F. Abe, D. P. Bennett, R. Barry, I. A. Bond, Y. Asakura, A. Bhattacharya, M. Donachie, M. Freeman, A. Fukui, Y. Hirao, Y. Itow, N. Koshimoto, M. C. A. Li, C. H. Ling, K. Masuda, Y. Matsubara, Y. Muraki, M. Nagakane, H. Oyokawa, N. J. Rattenbury, A. Sharan, D. J. Sullivan, D. Suzuki, P. J. Tristram, T. Yamada, T. Yamada, A. Yonehara
  - Journal: The Astronomical Journal, v153, p129-135
  - Authorship: Coauthor
  - Publish date: 2017/02/27 ---
- 181. "Detections of Planets in Binaries Through the Channel of Chang-Refsdal Gravitational Lensing Events"**
- Authors: **C. Han**, I.-G. Shin, & Y. K. Jung
  - Journal: The Astrophysical Journal, v835, p115-120
  - Authorship: First author
  - Publish date: 2017/02/01
- 180. "OGLE-2016-BLG-0196: Ground-based Gravitational Microlens Parallax Confirmed By Space-based Observation"**
- Authors: **C. Han**, A. Udalski, A. Gould, Wei Zhu, M. K. Szymański, I. Soszyński, J. Skowron, P. Mróz, R. Poleski, P. Pietrukowicz, S. Kozłowski, K. Ulaczyk, M. Pawlak, J. C. Yee, C. Beichman, S. Calchi Novati, S. Carey, C. Bryden, M. Fausnaugh, B. S. Gaudi, Calen B. Henderson, Y. Shvartzvald, B. Wibking
  - Journal: The Astrophysical Journal, v834, p82-89
  - Authorship: First author
  - Publish date: 2017/01/01

## 2016 (12 papers)

- 179. "The First Circumbinary Planet Found by Microlensing: OGLE-2007-BLG-349L(AB)c"**
- Authors: D. P. Bennett, S. H. Rhie, A. Udalski, A. Gould, Y. Tsapras, D. Kubas, I. A. Bond, J. Greenhill, A. Cassan, N. J. Rattenbury, T. S. Boyajian, J. Luhn, M. T. Penny, J. Anderson,

- F. Abe, A. Bhattacharya, C. S. Botzler, M. Donachie, M. Freeman, A. Fukui, Y. Hirao, Y. Itow, N. Koshimoto, M. C. A. Li, C. H. Ling, K. Masuda, Y. Matsubara, Y. Muraki, M. Nagakane, K. Ohnishi, H. Oyokawa, Y. C. Perrott, To. Saito, A. Sharan, D. J. Sullivan, T. Sumi, D. Suzuki, P. J. Tristram, A. Yonehara, P. C. M. Yock, M. K. Szymański, I. Soszyński, K. Ulaczyk, Ł. Wyrzykowski, W. Allen, D. DePoy, A. Gal-Yam, B. S. Gaudi, **C. Han**, I. A. G. Monard, E. Ofek, R. W. Pogge, R. A. Street, D. M. Bramich, M. Dominik, K. Horne, C. Snodgrass, I. A. Steele, M. D. Albrow, E. Bachelet, V. Batista, J.-P. Beaulieu, S. Brilliant, J. A. R. Caldwell, A. Cole, C. Coutures, S. Dieters, D. Dominis Prester, J. Donatowicz, P. Fouqué, M. Hundertmark, U. G. Jørgensen, N. Kains, S. R. Kane, J.-B. Marquette, J. Menzies, K. R. Pollard, C. Ranc, K. C. Sahu, J. Wambsganss, A. Williams, M. Zub,
- Journal: *Astronomical Journal*, v152, p125-138
  - Authorship: Coauthor
  - Publish date: 2016/11/01
- 178. "OGLE-2015-BLG-0051/KMT-2015-BLG-0048Lb: a Giant Planet Orbiting a Low-mass Bulge Star Discovered by High-cadence Microlensing Surveys"**
- Authors: **C. Han**, A. Udalski, A. Gould, V. Bozza, Y. K. Jung, M. D. Albrow, S.-L. Kim, C.-U. Lee, S.-M. Cha, D.-J. Kim, Y. Lee, B.-G. Park, I.-G. Shin, M. K. Szymański, I. Soszyński, J. Skowron, P. Mróz, R. Poleski, P. Pietrukowicz, S. Kozłowski, K. Ulaczyk, Ł. Wyrzykowski, M. Pawlak
  - Journal: *Astronomical Journal*, v152, p95-112
  - Authorship: First author
  - Publish date: 2016/10/01
- 177. "OGLE-2015-BLG-0479LA,B: Binary Gravitational Microlens Characterized by Simultaneous Ground-based and Space-based Observations"**
- Authors: **C. Han**, A. Udalski, A. Gould, W. Zhu, R. A. Street, J. C. Yee, C. Beichman, C. Bryden, S. Calchi Novati, S. Carey, M. Fausnaugh, B. S. Gaudi, C. B. Henderson, Y. Shvartzvald, B. Wibking, M. K. Szymański, I. Soszyński, J. Skowron, P. Mróz, R. Poleski, P. Pietrukowicz, S. Kozłowski, K. Ulaczyk, Ł. Wyrzykowski, M. Pawlak, Y. Tsapras, M. Hundertmark, E. Bachelet, M. Dominik, D. M. Bramich, A. Cassan, R. Figuera Jaimes, K. Horne, C. Ranc, R. Schmidt, C. Snodgrass, J. Wambsganss, I. A. Steele, J. Menzies, S. Mao, V. Bozza, U. G. Jørgensen, K. A. Alsubai, S. Ciceri, G. D'Ago, T. Haugbølle, F. V. Hessman, T. C. Hinse, D. Juncher, H. Korhonen, L. Mancini, A. Popovas, M. Rabus, S. Rahvar, G. Scarpetta, J. Skottfelt, J. Southworth, D. Starkey, J. Surdej, O. Wertz, M. Zarucki, R. W. Pogge, D. L. DePoy
  - Journal: *The Astrophysical Journal*, v828, p53-61
  - Authorship: First author
  - Publish date: 2016/09/01
- 176. "Space-Based Microlens Parallax as a Way to Resolve the Severe Degeneracy between Microlens-parallax and Lens-orbital Effects"**
- Authors: **C. Han**, A. Udalski, C.-U. Lee, A. Gould, V. Bozza, M. K. Szymański, I. Soszyński, J. Skowron, P. Mróz, R. Poleski, P. Pietrukowicz, S. Kozłowski, K. Ulaczyk, Ł. Wyrzykowski, M. Pawlak, M. D. Albrow, S.-J. Chung, S.-L. Kim, S.-M. Cha, Y. K. Jung, D.-J. Kim, Y. Lee, B.-G. Park, Y.-H. Ryu, I.-G. Shin, J. C. Yee
  - Journal: *The Astrophysical Journal*, v827, p11-16
  - Authorship: First author
  - Publish date: 2016/08/01
- 175. "The First Neptune Analog or Super-Earth with a Neptune-like Orbit: MOA-2013-BLG-605Lb"**
- Authors: T. Sumi, A. Udalski, D. P. Bennett, A. Gould, R. Poleski, I. A. Bond, J. Skowron, N. Rattenbury, R. W. Pogge, T. Bensby, J. P. Beaulieu, J. B. Marquette, V. Batista, S. Brilliant, F. Abe, Y. Asakura, A. Bhattacharya, M. Donachie, M. Freeman, A. Fukui, Y. Hirao, Y. Itow, N. Koshimoto, M. C. A. Li, C. H. Ling, K. Masuda, Y. Matsubara, Y. Muraki, M. Nagakane, K. Ohnishi, H. Oyokawa, To. Saito, A. Sharan, D. J. Sullivan, D. Suzuki, P. J. Tristram, A. Yonehara, M. K. Szymański, K. Ulaczyk, S. Kozłowski, Ł. Wyrzykowski, M. Kubiak, P. Pietrukowicz, G. Pietrzyński, I. Soszyński, **C. Han**, Y.-K. Jung, I.-G. Shin, C.-U. Lee
  - Journal: *The Astrophysical Journal*, v825, p112-134
  - Authorship: Coauthor
  - Publish date: 2016/07/10
- 174. "Mass Measurements of Isolated Objects from Space-based Microlensing"**
- Authors: Wei Zhu, S. Calchi Novati, A. Gould, A. Udalski, **C. Han**, Y. Shvartzvald, C. Ranc, U. G. Jørgensen, R. Poleski, V. Bozza, C. Beichman, G. Bryden, S. Carey, B. S. Gaudi, C. B. Henderson, R. W. Pogge, I. Porritt, B. Wibking, J. C. Yee, M. Pawlak, M. K. Szymański, J. Skowron, P. Mróz, S. Kozłowski, Ł. Wyrzykowski, P. Pietrukowicz, G. Pietrzyński, I. Soszyński, K. Ulaczyk, J.-Y. Choi, H. Park, Y. K. Jung, I.-G. Shin, M. D. Albrow, B.-G. Park, S.-L. Kim, C.-U. Lee, S.-M. Cha, D.-J. Kim, Y. Lee, M. Friedmann, S. Kaspi, D. Maoz, M. Hundertmark, R. A. Street, Y. Tsapras, D. M. Bramich, A. Cassan, M. Dominik, E. Bachelet, Subo Dong, R. Figuera Jaimes, K. Horne, S. Mao, J. Menzies, R. Schmidt, C. Snodgrass, I. A. Steele, J. Wambsganss, J. Skottfelt, M. I. Andersen, M. J. Burgdorf, S. Ciceri, G. D'Ago, D. F. Evans, S.-H. Gu, T. C. Hinse, E. Kerins, H. Korhonen, M. Kuffmeier, L. Mancini, N. Peixinho, A. Popovas, M. Rabus, S. Rahvar, R. Tronsgaard, G. Scarpetta, J. Southworth, J. Surdej, C. von Essen, Y.-B. Wang,

- O. Wertz
  - Journal: The Astrophysical Journal, v825, p60-69
  - Authorship: Coauthor
  - Publish date: 2016/07/01
- 173. "A New Non-Planetary Interpretation of the Microlensing Event OGLE-2013-BLG-0723"**
- Authors: **C. Han**, D. P. Bennett, A. Udalski, Y. K. Jung
  - Journal: The Astrophysical Journal, v825, p8-15
  - Authorship: First author
  - Publish date: 2016/06/24
- 172. "Revisiting the Microlensing Event OGLE-2012-BLG-0026: A Solar Mass Star with Two Cold Giant Planets"**
- Authors: J.-P. Beaulieu, D. P. Bennett, V. Batista, A. Fukui, J.-B. Marquette, S. Brillant, A. A. Cole, L. A. Rogers, T. Sumi, F. Abe, A. Bhattacharya, N. Koshimoto, D. Suzuki, P. J. Tristram, **C. Han**, A. Gould, R. Pogge, J. Yee
  - Journal: The Astrophysical Journal, v824, p83-88
  - Authorship: Coauthor
  - Publish date:
- 171. "OGLE-2014-BLG-0257L: a Microlensing Brown Dwarf Orbiting a Low-mass M Star"**
- Authors: **C. Han**, Y. K. Jung, A. Udalski, A. Gould, V. Bozza, M. K. Szymański, I. Soszyński, R. Poleski, S. Kozłowski, P. Pietrukowicz
  - Journal: The Astrophysical Journal, v822, p75-81
  - Authorship: First author
  - Publish date: 2016/05/10
- 170. "Spitzer Observations of OGLE-2015-BLG-1212 Reveal a New Path toward Breaking Strong Microlens Degeneracies"**
- Authors: Bozza, V., Shvartzvald, Y., Udalski, A., Calchi Novati, S., Bond, I. A., **Han, C.**, Hundertmark, M., Poleski, R., Pawlak, M., Szymański, M. K., Skowron, J., Mróz, P., Kozłowski, S., Wyrzykowski, Ł., Pietrukowicz, P., Soszyński, I., Ulaczyk, K., Beichman, C., Bryden, G., Carey, S., Fausnaugh, M., Gaudi, B. S., Gould, A., Henderson, C. B., Pogge, R. W., Winking, B., Yee, J. C., Zhu, W., Abe, F., Asakura, Y., Barry, R. K., Bennett, D. P., Bhattacharya, A., Donachie, M., Freeman, M., Fukui, A., Hirao, Y., Inayama, K., Itow, Y., Koshimoto, N., Li, M. C. A., Ling, C. H., Masuda, K., Matsubara, Y., Muraki, Y., Nagakane, M., Nishioka, T., Ohnishi, K., Oyokawa, H., Rattenbury, N., Saito, To., Sharan, A., Sullivan, D. J., Sumi, T., Suzuki, D., Tristram, P. J., Wakiyama, Y., Yonehara, A., Choi, J.-Y., Park, H., Jung, Y. K., Shin, I.-G., Albrow, M. D., Park, B.-G., Kim, S.-L., Lee, C.-U., Cha, S.-M., Kim, D.-J., Lee, Y., Dominik, M., Jørgensen, U. G., Andersen, M. I., Bramich, D. M., Burgdorf, M. J., Ciceri, S., D'Ago, G., Evans, D. F., Figuera Jaimes, R., Gu, S.-H., Hinse, T. C., Kains, N., Kerins, E., Korhonen, H., Kuffmeier, M., Mancini, L., Popovas, A., Rabus, M., Rahvar, S., Rasmussen, R. T., Scarpetta, G., Skottfelt, J., Snodgrass, C., Southworth, J., Surdej, J., Unda-Sanzana, E., von Essen, C., Wang, Y.-B., Wertz, O., Maoz, D., Friedmann, M., Kaspi, S.
  - Journal: The Astrophysical Journal, v820, p79-88
  - Authorship: Coauthor
  - Publish date: 2016/03/20
- 169. "Degeneracy between Lensing and Occultation in the Analysis of Self-lensing Phenomena" "**
- Authors: **C. Han**
  - Journal: The Astrophysical Journal, v820, p53-57
  - Authorship: First author
  - Publish date: 2016/03/20
- 168. "Spitzer Parallax of OGLE-2015-BLG-0966: A Cold Neptune in the Galactic Disk"**
- Authors: R. A. Street, A. Udalski, S. Calchi Novati, M. P. G. Hundertmark, W. Zhu, A. Gould, J. Yee, Y. Tsapras, D. P. Bennett, U. G. Jørgensen, M. Dominik, M. I. Andersen, E. Bachelet, V. Bozza, D. M. Bramich, M. J. Burgdorf, A. Cassan, S. Ciceri, G. D'Ago, Subo Dong, D. F. Evans, S.-H. Gu, H. Harkonnen, T. C. Hinse, K. Horne, R. Figuera Jaimes, N. Kains, E. Kerins, H. Korhonen, M. Kuffmeier, L. Mancini, J. Menzies, S. Mao, N. Peixinho, A. Popovas, M. Rabus, S. Rahvar, C. Ranc, R. Tronsgaard Rasmussen, G. Scarpetta, R. Schmidt, J. Skottfelt, C. Snodgrass, J. Southworth, I. A. Steele, J. Surdej, E. Unda-Sanzana, P. Verma, C. von Essen, J. Wambsganss, Y.-B. Wang, O. Wertz, P. Poleski, M. Pawlak, M. K. Szymański, J. Skowron, P. Mróz, S. Kozłowski, Ł. Wyrzykowski, P. Pietrukowicz, G. Pietrzyński, I. Soszyński, K. Ulaczyk, C. Beichman, G. Bryden, S. Carey, B. S. Gaudi, C. B. Henderson, R. W. Pogge, Y. Shvartzvald, F. Abe, Y. Asakura, A. Bhattacharya, I. A. Bond, M. Donachie, M. Freeman, A. Fukui, Y. Hirao, K. Inayama, Y. Itow, N. Koshimoto, M. C. A. Li, C. H. Ling, K. Masuda, Y. Matsubara, Y. Muraki, M. Nagakane, T. Nishioka, K. Ohnishi, H. Oyokawa, N. Rattenbury, To. Saito, A. Sharan, D. J. Sullivan, T. Sumi, D. Suzuki, J. Tristram, Y. Wakiyama, A. Yonehara, **C. Han**, J.-Y. Choi, H. Park, Y. K. Jung, I.-G. Shin
  - Journal: The Astrophysical Journal, v819, p93-104
  - Authorship: Coauthor
  - Publish date: 2016/03/01

**167. "Spitzer Microlens Measurement of a Massive Remnant in a Well-separated Binary"**

- Authors: Y. Shvartzvald, A. Udalski, A. Gould, **C. Han**, V. Bozza, M. Friedmann, M. Hundertmark, C. Beichman, G. Bryden, S. Calchi Novati, S. Carey, M. Fausnaugh, B. S. Gaudi, C. B. Henderson, T. Kerr, R. W. Pogge, W. Varricatt, B. Wibking, J. C. Yee, W. Zhu, R. Poleski, M. Pawlak, M. K. Szymański, J. Skowron, P. Mróz, S. Kozłowski, Ł. Wyrzykowski, P. Pietrukowicz, G. Pietrzyński, I. Soszyński, K. Ulaczyk, J.-Y. Choi, H. Park, Y. K. Jung, I.-G. Shin, M. D. Albrow, B.-G. Park, S.-L. Kim, C.-U. Lee, S.-M. Cha, D.-J. Kim, Y. Lee, D. Maoz, S. Kaspi, R. A. Street, Y. Tsapras, E. Bachelet, M. Dominik, D. M. Bramich, K. Horne, C. Snodgrass, I. A. Steele, J. Menzies, R. Figuera Jaimes, J. Wambsganss, R. Schmidt, A. Cassan, C. Ranc, S. Mao, S. Dong, G. D'Ago, G. Scarpetta, P. Verma, U. G. Jørgensen, E. Kerins, J. Skottfelt
- Journal: *The Astrophysical Journal*, v814, p111-122
- Authorship: Coauthor
- Publish date: 2015/12/01

**166. "Red Noise Versus Planetary Interpretations in the Microlensing Event OGLE-2013-BLG-446"**

- Authors: Bachelet, E., Bramich, D.M., **Han, C.**, Greenhill, J., Street, R.A., Gould, A., D'Ago, G., AlSubai, K., Dominik, M., Figuera J.R., Horne, K., Hundertmark, M., Kains, N., Snodgrass, C., Steele, I.A., Tsapras, Y., Albrow, M.D., Batista, V., Beaulieu, J.-P., Bennett, D.P., Brilliant, S., Caldwell, J.A.R., Cassan, A., Cole, A., Coutures, C., Dieters, S., Dominis Prester, D., Donatowicz, J., Fouqué, P., Hill, K., Marquette, J.-B., Menzies, J., Pere, C., Ranc, C., Wambsganss, J., Warren, D., de Almeida, L. Andrade, Choi, J.-Y., DePoy, D.L., Dong, S., Hung, L.-W., Hwang, K.-H., Jablonski, F., Jung, Y.K., Kaspi, S., Klein, N., Lee, C.-U., Maoz, D., Muñoz, J.A., Nataf, D., Park, H., Pogge, R.W., Polishook, D., Shin, I.-G., Shporer, A., Yee, J.C., Abe, F., Bhattacharya, A., Bond, I.A., Botzler, C.S., Freeman, M., Fukui, A., Itow, Y., Koshimoto, N., Ling, C.H., Masuda, K., Matsubara, Y., Muraki, Y., Ohnishi, K., Philpott, L.C., Rattenbury, N., Saito, To., Sullivan, D.J., Sumi, T., Suzuki, D., Tristram, P.J., Yonehara, A., Bozza, V., Calchi Novati, S., Ciceri, S., Galianni, P., Gu, S.-H., Harpsøe, K., Hinse, T. C., Jørgensen, U.G., Juncher, D., Korhonen, H., Mancini, L., Melchiorre, C., Popovas, A., Postiglione, A., Rabus, M., Rahvar, S., Schmidt, R.W., Scarpetta, G., Skottfelt, Southworth, J., An, S., Surdej, J., Wang, X.-B., Wertz, O.
- Journal: *The Astrophysical Journal*, v812, p136-146
- Authorship: Coauthor
- Publish date: 2015/10/20

**165. "A Venus-mass Planet Orbiting a Brown Dwarf: Missing Link between Planets and Moons"**

- Authors: A. Udalski, Y.K. Jung, **C. Han**, A. Gould, S. Kozłowski, J. Skowron, R. Poleski, I. Soszyński, P. Pietrukowicz, P. Mróz, M. K. Szymański, Ł. Wyrzykowski, K. Ulaczyk, G. Pietrzyński, Y. Shvartzvald, D. Maoz, S. Kaspi, B. S. Gaudi, K.-H. Hwang, J.-Y. Choi, I.-G. Shin, H. Park, V. Bozza
- Journal: *The Astrophysical Journal*, v812, p47-54
- Authorship: Corresponding author
- Publish date: 2015/10/10

**164. "MOA-2007-BLG-197: Exploring the brown Dwarf Desert"**

- Authors: C. Ranc, A. Cassan, M.D. Albrow, D. Kubas, I.A. Bond, V. Batista, J.-P. Beaulieu, D.P. Bennett, M. Dominik, Subo Dong, P. Fouqué, A. Gould, J. Greenhill, U.G. Jørgensen, N. Kains, J. Menzies, T. Sumi, E. Bachelet, C. Coutures, S. Dieters, D. Dominis Prester, J. Donatowicz, B.S. Gaudi, **C. Han**, M. Hundertmark, K. Horne, S.R. Kane, C.-U. Lee, J.-B. Marquette, B.-G. Park, K.R. Pollard, K.C. Sahu, R. Street, Y. Tsapras, J. Wambsganss, A. Williams, M. Zub, F. Abe, A. Fukui, Y. Itow, K. Masuda, Y. Matsubara, Y. Muraki, K. Ohnishi, N. Rattenbury, To. Saito, D.J. Sullivan, W.L. Sweatman, P.J. Tristram, P.C.M. Yock, A. Yonehara
- Journal: *Astronomy & Astrophysics*, v580, p125-
- Authorship: Coauthor
- Publish date: 2015/07/17

**163. "OGLE-2012-BLG-0563Lb: A Sub-jupiter around an M Dwarf with the Mass Constrained by SUBARU AO Imaging"**

- Authors: A. Fukui, A. Gould, T. Sumi, D.P. Bennett, I.A. Bond, **C. Han**, D. Suzuki, J.-P. Beaulieu, V. Batista, A. Udalski, R.A. Street, Y. Tsapras, M. Hundertmark, F. Abe, A. Bhattacharya, M. Freeman, Y. Itow, C.H. Ling, N. Koshimoto, K. Masuda, Y. Matsubara, Y. Muraki, K. Ohnishi, L.C. Philpott, N. Rattenbury, T. Saito, D.J. Sullivan, P.J. Tristram, A. Yonehara, J.-Y. Choi, G.W. Christie, D.L. DePoy, Subo Dong, J. Drummond, B.S. Gaudi, K.-H. Hwang, A. Kavka, C.-U. Lee, J. McCormick, T. Natusch, H. Ngan, H. Park, R.W. Pogge, I.-G. Shin, T.-G. Tan, J.C. Yee, M.K. Szymanski, G. Pietrzyński, I. Soszyński, R. Poleski, S. Kozłowski, P. Pietrukowicz, K. Ulaczyk, Ł. Wyrzykowski, D.M. Bramich, P. Browne, M. Dominik, K. Horne, S. Ipatov, N. Kains, C. Snodgrass, I. A. Steele
- Journal: *The Astrophysical Journal*, v809, p74-
- Authorship: Coauthor
- Publish date: 2015/08/11

**162. "OGLE-2013-BLG-0578L: Microlensing Binary Composed of a Brown dwarf and an M Dwarf"**

- Authors: H. Park, A. Udalski, **C. Han**, R. Poleski, J. Skowron, S. Kozłowski, Ł. Wyrzykowski, M. K. Szymański, P. Pietrukowicz, G. Pietrzyński, I. Soszyński, K. Ulaczyk
- Journal: The Astrophysical Journal, v805, p117-
- Authorship: Corresponding author
- Publish date: 2015/06/01

**161. "Spitzer as Microlens Parallax Satellite: Mass and Distance Measurements of Binary Lens System OGLE-2014-BLG-1050L"**

- Authors: W. Zhu, A. Udalski, A. Gould, M. Dominik, V. Bozza, **C. Han**, J. C. Yee, S. Calchi Novati, C. A. Beichman, S. Carey, R. Poleski, J. Skowron, S. Kozłowski, P. Mróz, P. Pietrukowicz, G. Pietrzyński, M. K. Szymański, I. Soszyński, K. Ulaczyk, Ł. Wyrzykowski, B. S. Gaudi, R. W. Pogge, D. L. DePoy, Y. K. Jung, J.-Y. Choi, K.-H. Hwang, I.-G. Shin, H. Park, J. Jeong
- Journal: The Astrophysical Journal, v805, p8-
- Authorship: Coauthor
- Publish date:

**160. "Reanalyses of Anomalous Gravitational Microlensing Events in the OGLE-III Early Warning System Database with Combined Data"**

- Authors: J. Jeong, H. Park, **C. Han**, A. Gould, A. Udalski, M.K. Szymański, G. Pietrzyński, I. Soszyński, R. Poleski, K. Ulaczyk, Ł. Wyrzykowski, F. Abe, D.P. Bennett, I.A. Bond, C.S. Botzler, M. Freeman, A. Fukui, D. Fukunaga, Y. Itow, N. Koshimoto, K. Masuda, Y. Matsubara, Y. Muraki, S. Namba, K. Ohnishi, N. J. Rattenbury, To. Saito, D.J. Sullivan, W.L. Sweatman, T. Sumi, D. Suzuki, P.J. Tristram, N. Tsurumi, K. Wada, N. Yamai, P.C.M. Yock, A. Yonehara, M.D. Albrow, V. Batista, J.-P. Beaulieu, J.A.R. Caldwell, A. Cassan, A. Cole, C. Coutures, S. Dieters, M. Dominik, D. Dominis Prester, J. Donatowicz, P. Fouqué, J. Greenhill, M. Hoffman, M. Huber, U.G. Jørgensen, S.R. Kane, D. Kubas, R. Martin, J.-B. Marquette, J. Menzies, C. Pitrou, K. Pollard, K.C. Sahu, C. Vinter, J. Wambsganss, A. Williams, W. Allen, G. Bolt, J.-Y. Choi, G.W. Christie, D.L. DePoy, J. Drummond, B.S. Gaudi, K.-H. Hwang, Y.K. Jung, C.-U. Lee, F. Mallia, D. Maoz, A. Maury, J. McCormick, L.A.G. Monard, D. Moorhouse, T. Natusch, E.O. Ofek, B.-G. Park, R.W. Pogge, R. Santallo, I.-G. Shin, G. Thornley, J.C. Yee, D.M. Bramich, M. Burgdorf, K. Horne, M. Hundertmark, N. Kains, C. Snodgrass, I. Steele, R. Street, Y. Tsapras
- Journal: The Astrophysical Journal, v804, p38-
- Authorship: Corresponding author
- Publish date: 2015/04/28

**159. "OGLE-2011-BLG-0265Lb: a Jovian Microlensing Planet Orbiting a Low-mass M Dwarf"**

- Authors: J. Skowron, I.-G. Shin, A. Udalski, **C. Han**, T. Sumi, Y. Shvartzvald, A. Gould, D. Dominis Prester, R. A. Street, U. G. Jørgensen, D. P. Bennett, V. Bozza, M. K. Szymański, M. Kubiak, G. Pietrzyński, I. Soszyński, R. Poleski, S. Kozłowski, P. Pietrukowicz, K. Ulaczyk, Ł. Wyrzykowski, F. Abe, A. Bhattacharya, I. A. Bond, C. S. Botzler, M. Freeman, A. Fukui, D. Fukunaga, Y. Itow, C. H. Ling, N. Koshimoto, K. Masuda, Y. Matsubara, Y. Muraki, S. Namba, K. Ohnishi, L. C. Philpott, N. Rattenbury, T. Saito, D. J. Sullivan, D. Suzuki, P. J. Tristram, P. C. M. Yock, D. Maoz, S. Kaspi, M. Friedmann, L. A. Almeida, V. Batista, G. Christie, J.-Y. Choi, D. L. DePoy, B. S. Gaudi, C. Henderson, K.-H. Hwang, F. Jablonski, Y. K. Jung, C.-U. Lee, J. McCormick, T. Natusch, H. Ngan, H. Park, R. W. Pogge, J. C. Yee, M. D. Albrow, E. Bachelet, J.-P. Beaulieu, S. Brilliant, J. A. R. Caldwell, A. Cassan, A. Cole, E. Corrales, Ch. Coutures, S. Dieters, J. Donatowicz, P. Fouqué, J. Greenhill, N. Kains, S. R. Kane, D. Kubas, J.-B. Marquette, R. Martin, J. Menzies, K. R. Pollard, C. Ranc, K. C. Sahu, J. Wambsganss, A. Williams, D. Wouters, Y. Tsapras, D. M. Bramich, K. Horne, M. Hundertmark, C. Snodgrass, I. A. Steele, K. A. Alsubai, P. Browne, M. J. Burgdorf, S. Calchi Novati, P. Dodds, M. Dominik, S. Dreizler, X.-S. Fang, C.-H. Gu, Hardis, K. Harpsøe, F. V. Hessman, T. C. Hinse, A. Hornstrup, J. Jessen-Hansen, E. Kerins, C. Liebig, M. Lund, M. Lundkvist, L. Mancini, M. Mathiasen, M. T. Penny, S. Rahvar, D. Ricci, G. Scarpetta, J. Skottfelt, J. Southworth, J. Surdej, J. Tregloan-Reed, O. Wertz
- Journal: The Astrophysical Journal, v804, p33-44
- Authorship: Corresponding author
- Publish date: 2015/05/01

**158. "Constraint on Additional Planets in Planetary Systems Discovered through the Channel of High-magnification Gravitational Microlensing Events"**

- Authors: I.-G. Shin, **C. Han**, J.-Y. Choi, K.-H. Hwang, Y.-K. Jung, H. Park
- Journal: The Astrophysical Journal, v802, p108
- Authorship: Corresponding author
- Publish date: 2015/04/01

**157. "Spitzer as Microlens Parallax Satellite: Mass Measurement for the OGLE-2014-BLG-0124L Planet and Host Star"**

- Authors: A. Udalski, J.C. Yee, A. Gould, S. Carey, W. Zhu, J. Skowron, S. Kozłowski, R. Poleski, P. Pietrukowicz, G. Pietrzyński, M.K. Szymański, P. Mróz, I. Soszyński, K. Ulaczyk, Ł. Wyrzykowski, **C. Han**, S. Calchi Novati, R.W. Pogge
- Journal: The Astrophysical Journal, v799, p237-246
- Authorship: Coauthor
- Publish date: 2015/02/01

**156. "Can the masses of Isolated Planetary-mass Gravitational Lenses Be Measured by Terrestrial Parallax"**

- Authors: M. Freeman, L.C. Philpott, F. Abe, M.D. Albrow, D.P. Bennett, I.A. Bond, C.S. Botzler, J.C. Bray, J.M. Cherrie, G.W. Christie, Z. Dionnet, A. Gould, **C. Han**, D. Heyrovský, J.M. McCormick, D.M. Moorhouse, Y. Muraki, T. Natusch, N.J. Rattenbury, J. Skowron, T. Sumi, D. Suzuki, T.-G. Tan, P.J. Tristram, P.C.M. Yock
- Journal: The Astrophysical Journal, v799, p181-192
- Authorship: Coauthor
- Publish date: 2015/02/01

**155. "OGLE-2012-BLG-0102LA,B: Microlensing Binary with Components at Star/Brown-dwarf and Brown-dwarf/Planet Boundaries"**

- Authors: Y.K. Jung, A. Udalski, T. Sumi, **C. Han**, A. Gould, J. Skowron, S. Kozłowski, R. Poleski, Ł. Wyrzykowski, M.K. Szymański, G. Pietrzyński, I. Soszyński, K. Ulaczyk, P. Pietrukowicz, P. Mróz, M. Kubiak, F. Abe, D.P. Bennett, I.A. Bond, C.S. Botzler, M. Freeman, A. Fukui, D. Fukunaga, Y. Itow, N. Koshimoto, P. Larsen, C.H. Ling, K. Masuda, Y. Matsubara, Y. Muraki, S. Namba, K. Ohnishi, L. Philpott, N.J. Rattenbury, To. Saito, D.J. Sullivan, D. Suzuki, P.J. Tristram, N. Tsurumi, K. Wada, N. Yamai, P.C.M. Yock, A. Yonehara, M. Albrow, J.-Y. Choi, D.L. DePoy, B.S. Gaudi, K.-H. Hwang, C.-U. Lee, H. Park, S. Owen, R.W. Pogge, I.-G. Shin, J.C. Yee
- Journal: The Astrophysical Journal, v798, p123-129
- Authorship: Corresponding author
- Publish date: 2015/01/10

**2014 (10 papers)**

**154. "Triple Microlens OGLE-2008-BLG-092L: Binary Stellar System with a Circumprimary Uranus-type Planet"**

- Authors: R. Poleski, J. Skowron, A. Udalski, **C. Han**, S. Kozłowski, Ł. Wyrzykowski, S. Dong, M.K. Szymański, M. Kubiak, G. Pietrzyński, I. Soszyński, K. Ulaczyk, P. Pietrukowicz, A. Gould
- Journal: The Astrophysical Journal, v795, p42-49
- Authorship: Coauthor
- Publish date: 2014/11/01

**153. "Candidate Gravitational Microlensing Events for Future Direct Lens Imaging"**

- Authors: C.B. Henderson, H. Park, T. Sumi, A. Udalski, A. Gould, Y. Tsapras, **C. Han**, B.S. Gaudi, V. Bozza, F. Abe, D.P. Bennett, I. A. Bond, C.S. Botzler, M. Freeman, A. Fukui, D. Fukunaga, Y. Itow, N. Koshimoto, C.H. Ling, K. Masuda, Y. Matsubara, Y. Muraki, S. Namba, K. Ohnishi, N.J. Rattenbury, To Saito, D.J. Sullivan, D. Suzuki, W.L. Sweatman, P.J. Tristram, N. Tsurumi, K. Wada, N. Yamai, P.C.M. Yock, A. Yonehara, M.K. Szymański, M. Kubiak, G. Pietrzyński, I. Soszyński, J. Skowron, S. Kozłowski, R. Poleski, K. Ulaczyk, Ł. Wyrzykowski, P. Pietrukowicz, L.A. Almeida, M. Bos, J.-Y. Choi, G.W. Christie, D.L. Depoy, S. Dong, M. Friedmann, K.-H. Hwang, F. Jablonski, Y.K. Jung, S. Kaspi, C.-U. Lee, D. Maoz, J. McCormick, D. Moorhouse, T. Natusch, H. Ngan, R.W. Pogge, I.-G. Shin, Y. Shvartzvald, T.-G. Tan, G. Thornley, J.C. Yee, A. Allan, D.M. Bramich, P. Browne, M. Dominik, K. Horne, M. Hundertmark, R. Figuera Jaimes, N. Kains, C. Snodgrass, I.A. Steele, R.A. Street
- Journal: The Astrophysical Journal, v794, p71-82
- Authorship: Corresponding author
- Publish date: 2014/10/10

**152. "Optimal Survey Strategies and Predicted Planet Yields for the Korean Microlensing Telescope Network"**

- Authors: C.B. Henderson, B.S. Gaudi, **C. Han**, J. Skowron, M.T. Penny, D. Nataf, A.P. Gould
- Journal: The Astrophysical Journal, v794, p52-81
- Authorship: Coauthor
- Publish date: 2014/10/10

**151. "A Terrestrial Planets in a ~1AU Around One Member of a ~15 AU Binary"**

- Authors: A. Gould, A. Udalski, I.-G. Shin, I. Porritt, J. Skowron, **C. Han**, J.C. Yee, S. Kozłowski, J.-Y. Choi, R. Poleski, Ł. Wyrzykowski, K. Ulaczyk, P. Pietrukowicz, P. Mróz, M. K. Szymański, M. Kubiak, I. Soszyński, G. Pietrzyński, B. S. Gaudi, G.W. Christie, J. Drummond, J. McCormick, T. Natusch, H. Ngan, T.-G. Tan, M. Albrow, D.L. DePoy, K.-H. Hwang, Y.K. Jung, C.-U. Lee, H. Park, R.W. Pogge, F. Abe, D.P. Bennett, I. A. Bond, C.S. Botzler, M. Freeman, A. Fukui, D. Fukunaga, Y. Itow, N. Koshimoto, P. Larsen, C.H. Ling, K. Masuda, Y. Matsubara, Y. Muraki, S. Namba, K. Ohnishi, L. Philpott, N.J. Rattenbury, To. Saito, D.J. Sullivan, T. Sumi, D. Suzuki, P.J. Tristram, N. Tsurumi, K. Wada, N. Yamai, P.C.M. Yock, A. Yonehara, Y. Shvartzvald, D. Maoz, S. Kaspi, M. Friedmann
- Journal: Science, v345, p46-49
- Authorship: Corresponding author
- Publish date: 2014/07/04

**150. "MOA-2013-BLG-220Lb: Massive Planetary Companion to Galactic-Disk Host"**

- Authors: J.C. Yee, **C. Han**, A. Gould, J. Skowron, I.A. Bond, A. Udalski, M. Hundertmark,

- L.A.G. Monard, I. Porritt, P. Nelson, V. Bozza, M.D. Albrow, J.-Y. Choi, G.W. Christie, D.L. DePoy, B.S. Gaudi, K.-H. Hwang, Y.K. Jung, C.-U. Lee, J. McCormick, T. Natusch, H. Ngan, H. Park, R.W. Pogge, I.-G. Shin, T.-G. Tan, F. Abel, D.P. Bennett, C. S. Botzler, M. Freeman, A. Fukui, D. Fukunaga, Y. Itow, N. Koshimoto, P. Larsen, C.H. Ling, K. Masuda, Y. Matsubara, Y. Muraki, S. Namba, K. Ohnishi, L. Philpott, N. J. Rattenbury, To. Saito, D.J. Sullivan, T. Sumi, W.L. Sweatman, D. Suzuki, P. J. Tristram, N. Tsurumi, K. Wada, N. Yamai, P.C.M. Yock, A. Yonehara, M.K. Szymański, K. Ulaczyk, S. Kozłowski, R. Poleski, Ł. Wyrzykowski, M. Kubiak, P. Pietrukowicz, G. Pietrzyński, I. Soszyński, D.M. Bramich, P. Browne, R. Figuera Jaimes, K. Horne, S. Ipatov, N. Kains, C. Snodgrass, I.A. Steele, R. Street, Y. Tsapras
- Journal: *The Astrophysical Journal*, v790, p14-20
  - Authorship: Corresponding author
  - Publish date: 2014/07/20

**149. "OGLE-2012-BLG-0455/MOA-2012-BLG-206: Microlensing Event with Ambiguity in Planetary Interpretations Caused by Incomplete Coverage of Planetary Signal"**

- Authors: H. Park, **C. Han**, A. Gould, A. Udalski, T. Sumi, P. Fouqué, J.-Y. Choi, G. Christie, D.L. Depoy, Subo Dong, B.S. Gaudi, K.-H. Hwang, Y.K. Jung, A. Kavka, C.-U. Lee, L.A.G. Monard, T. Natusch, H. Ngan, R.W. Pogge, I.-G. Shin, J.C. Yee, M.K. Szymański, M. Kubiak, I. Soszyński, G. Pietrzyński, R. Poleski, K. Ulaczyk, P. Pietrukowicz, S. Kozłowski, J. Skowron, Ł. Wyrzykowski, F. Abe, D.P. Bennett, I.A. Bond, C. S. Botzler, P. Chote, M. Freeman, A. Fukui, D. Fukunaga, P. Harris, Y. Itow, N. Koshimoto, C.H. Ling, K. Masuda, Y. Matsubara, Y. Muraki, S. Namba, K. Ohnishi, N. J. Rattenbury, To. Saito, D.J. Sullivan, W.L. Sweatman, D. Suzuki, P.J. Tristram, K. Wada, N. Yamai, P. C.M. Yock, A. Yonehara
- Journal: *The Astrophysical Journal*, v787, p71-76
- Authorship: Corresponding author
- Publish date: 2014/06/01

**148. "Reevaluation of the Feasibility of Ground-based Earth-mass Microlensing Planet Detections"**

- Authors: Y.K. Jung, H. Park, **C. Han**, K.-H. Hwang, I.-G. Shin, J.-Y. Choi
- Journal: *The Astrophysical Journal*, v786, p85-89
- Authorship: Corresponding author
- Publish date: 2014/05/20

**147. "MOA-2011-BLG-262Lb: A Sub-Earth-Mass Moon Orbiting a Gas Giant Primary or a High Velocity Planetary System in the Galactic Bulge"**

- Authors: D.P. Bennett, V. Batista, I.A. Bond, C.S. Bennett, D. Suzuki, J.-P. Beaulieu, A. Udalski, J. Donatowicz, V. Bozza, F. Abe, C.S. Botzler, M. Freeman, D. Fukunaga, A. Fukui, Y. Itow, N. Koshimoto, C.H. Ling, K. Masuda, Y. Matsubara, Y. Muraki, S. Namba, K. Ohnishi, N.J. Rattenbury, To. Saito, D.J. Sullivan, T. Sumi, W. L. Sweatman, P.J. Tristram, N. Tsurumi, K. Wada, P.C.M. Yock, M.D. Albrow, E. Bachelet, S. Brilliant, J.A.R. Caldwell, A. Cassan, A.A. Cole, E. Corrales, C. Coutures, S. Dieters, D. Dominis Prester, P. Fouqué, J. Greenhill, K. Horne, J.-R. Koo, D. Kubas, J.-B. Marquette, R. Martin, J.W. Menzies, K.C. Sahu, J. Wambsganss, A. Williams, M. Zub, J.Y. Choi, D.L. DePoy, Subo Dong, B.S. Gaudi, A. Gould, **C. Han**, C.B. Henderson, D. McGregor, C.-U. Lee, R.W. Pogge, I.-G. Shin, J.C. Yee, M.K. Szymański, J. Skowron, R. Poleski, S. Kozłowski, Ł. Wyrzykowski, M. Kubiak, P. Pietrukowicz, G. Pietrzyński, I. Soszyński, K. Ulaczyk, Y. Tsapras, R.A. Street, M. Dominik, D.M. Bramich, P. Browne, M. Hundertmark, N. Kains, C. Snodgrass, I.A. Steele, I. Dekany, O.A. Gonzalez, D. Heyrovský, R. Kandori, E. Kerins, P.W. Lucas, D. Minniti, T. Nagayama, M. Rejkuba, A. C. Robin, R. Saito
- Journal: *The Astrophysical Journal*, v785, p155-167
- Authorship: Coauthor
- Publish date: 2014/04/20

**146. "MOA-2011-BLG-322Lb: a 'Second Generation Survey' Microlensing Planet"**

- Authors: Y. Shvartzvald, D. Maoz, S. Kaspi, T. Sumi, A. Udalski, A. Gould, D. P. Bennett, **C. Han**, F. Abe, I. A. Bond, C. S. Botzler, M. Freeman, A. Fukui, D. Fukunaga, Y. Itow, N. Koshimoto, C. H. Ling, K. Masuda, Y. Matsubara, Y. Muraki, S. Namba, K. Ohnishi, N. J. Rattenbury, To. Saito, D. J. Sullivan, W. L. Sweatman, D. Suzuki, P. J. Tristram, K. Wada, P. C. M. Yock, J. Skowron, S. Kozłowski, M. K. Szymański, M. Kubiak, G. Pietrzyński, I. Soszyński, K. Ulaczyk, Ł. Wyrzykowski, R. Poleski, P. Pietrukowicz
- Journal: *Monthly Notices of the Royal Astronomical Society*, v439, p604-610
- Authorship: Coauthor
- Publish date: 2014/03/01

**145. "A Super-Jupiter Orbiting a Late-type Star: A Refined Analysis of Microlensing Event OGLE-2012-BLG-0406"**

- Authors: Y. Tsapras, J.-Y. Choi, R. A. Street, **C. Han**, V. Bozza, A. Gould, M. Dominik, J.-P. Beaulieu, A. Udalski, U. G. Jørgensen, T. Sumi, D. M. Bramich, P. Browne, K. Horne, M. Hundertmark, S. Ipatov, N. Kains, C. Snodgrass, I. A. Steele, K. A. Alsubai, J. M. Andersen, S. Calchi Novati, Y. Damerdj, C. Diehl, A. Elyiv, E. Giannini, S. Hardis, K. Harpsøe, T. C. Hinse, D. Juncher, E. Kerins, H. Korhonen, C. Liebig, L. Mancini, M. Mathiasen, M. T. Penny, M. Rabus, S. Rahvar, G. Scarpetta, J. Skottfelt, J. Southworth, J. Surdej, J. Tregloan-Reed, C. Vilela, J. Wambsganss, J. Skowron, R. Poleski, S. Kozłowski, Ł. Wyrzykowski, M. K. Szymański, M. Kubiak, P. Pietrukowicz, G. Pietrzyński, I. Soszyński, K. Ulaczyk, M. D. Albrow, E. Bachelet, R. Barry, V. Batista,



- A. Bhattacharya, S. Brilliant, J. A. R. Caldwell, A. Cassan, A. Cole, E. Corrales, Ch. Coutures, S. Dieters, D. Dominis Prester, J. Donatowicz, P. Fouqué, J. Greenhill, S. R. Kane, D. Kubas, J.-B. Marquette, J. Menzies, C. Pèrè, K. R. Pollard, M. Zub, G. Christie, D. L. DePoy, S. Dong, J. Drummond, B. S. Gaudi, C. B. Henderson, K. H. Hwang, Y. K. Jung, A. Kavka, J.-R. Koo, C.-U. Lee, D. Maoz, L. A. G. Monard, T. Natusch, H. Ngan, H. Park, R. W. Pogge, I. Porritt, I.-G. Shin, Y. Shvartzvald, T. G. Tan, J. C. Yee, F. Abe, D. P. Bennett, I. A. Bond, C. S. Botzler, M. Freeman, A. Fukui, D. Fukunaga, Y. Itow, N. Koshimoto, C. H. Ling, K. Masuda, Y. Matsubara, Y. Muraki, S. Namba, K. Ohnishi, N. J. Rattenbury, To. Saito, D. J. Sullivan, W. L. Sweatman, D. Suzuki, P. J. Tristram, N. Tsurumi, K. Wada, N. Yamai, P. C. M. Yock, A. Yonehara
- Journal: *The Astrophysical Journal*, v782, p48
  - Authorship: Corresponding author
  - Publish date: 2014/1/20

## 2013 (14 papers)

### 144. "MOA-2010-BLG-328Lb: A Sub-Neptune Orbiting Very Late M Dwarf?"

- Authors: K. Furusawa, A. Udalski, T. Sumi, D. P. Bennett, I. A. Bond, A. Gould, A., U. G. Jørgensen, C. Snodgrass, D. Dominis Prester, M. D. Albrow, F. Abe, C. S. Botzler, P. Chote, M. Freeman, A. Fukui, P. Harris, Y. Itow, C. H. Ling, K. Masuda, Y. Matsubara, N. Miyake, Y. Muraki, K. Ohnishi, N. J. Rattenbury, To. Saito, D. J. Sullivan, D. Suzuki, W. L. Sweatman, P. J. Tristram, K. Wada, P. C. M. Yock, M. K. Szymański, I. Soszyński, M. Kubiak, R. Poleski, K. Ulaczyk, G. Pietrzyński, Ł. Wyrzykowski, H.-Y. Choi, G. W. Christie, D. L. DePoy, Subo Dong, J. Drummond, B. S. Gaudi, **C. Han**, L.-W. Hung, K.-H. Hwang, C.-U. Lee, J. McCormick, D. Moorhouse, T. Natusch, M. Nola, E. Ofek, R. W. Pogge, I.-G. Shin, J. Skowron, G. Thornley, J. C. Yee, K. A. Alsubai, V. Bozza, P. Browne, M. J. Burgdorf, S. Calchi Novati, P. Dodds, M. Dominik, F. Finet, T. Gerner, S. Hardis, K. Harpsøe, T. C. Hinse, M. Hundertmark, N. Kains, E. Kerins, C. Liebig, L. Mancini, M. Mathiasen, M. T. Penny, S. Proft, S. Rahvar, D. Ricci, G. Scarpetta, S. Schäfer, F. Schönebeck, J. Southworth, J. Surdej, J. Wambsganss, R. A. Street, D. M. Bramich, I. A. Steele, Y. Tsapras, K. Horne, J. Donatowicz, K. C. Sahu, E. Bachelet, V. Batista, T. G. Beatty, J.-P. Beaulieu, C. S. Bennett, C. Black, R. Bowens-Rubin, S. Brilliant, J. A. R. Caldwell, A. Cassan, A. A. Cole, E. Corrales, C. Coutures, S. Dieters, P. Fouqué, J. Greenhill, C. B. Henderson, D. Kubas, J.-B. Marquette, R. Martin, J. W. Menzies, B. Shappee, A. Williams, D. Wouters, J. van Saders, R. Zellem, M. Zub
- Journal: *The Astrophysical Journal*, v779, p91
- Authorship: Coauthor
- Publish date: 2013/12/20

### 143. "Gravitational Binary-lens Events with Prominent Effects of Lens Orbital Motion"

- Authors: H. Park, A. Udalski, **C. Han**, A. Gould, J.-P. Beaulieu, Y. Tsapras, M. K. Szymański, M. Kubiak, I. Soszyński, G. Pietrzyński, R. Poleski, K. Ulaczyk, P. Pietrukowicz, S. Kozłowski, J. Skowron, Ł. Wyrzykowski, J.-Y. Choi, D. L. Depoy, Subo Dong, B. S. Gaudi, K.-H. Hwang, Y. K. Jung, A. Kavka, C.-U. Lee, L. A. G. Monard, B.-G. Park, R. W. Pogge, I. Porritt, I.-G. Shin, J. C. Yee, M. D. Albrow, D. P. Bennett, J. A. R. Caldwell, A. Cassan, C. Coutures, D. Dominis, J. Donatowicz, P. Fouqué, J. Greenhill, M. Huber, U. G. Jørgensen, S. Kane, D. Kubas, J.-B. Marquette, J. Menzies, C. Pitrou, K. R. Pollard, K. C. Sahu, J. Wambsganss, A. Williams, M. Zub, A. Allan, D. M. Bramich, P. Browne, M. Dominik, K. Horne, M. Hundertmark, N. Kains, C. Snodgrass, I. A. Steele, R. A. Street
- Journal: *The Astrophysical Journal*, v778, p134
- Authorship: Corresponding author
- Publish date: 2013/11/11

### 142. "Interpretation of a Short-term Anomaly in the Gravitational Microlensing Event MOA-2012-BLG-486"

- Authors: K.-H. Hwang, J.-Y. Choi, I. A. Bond, T. Sumi, **C. Han**, B. S. Gaudi, A. Gould, V. Bozza, J.-P. Beaulieu, Y. Tsapras, F. Abe, D. P. Bennett, C. S. Botzler, P. Chote, M. Freeman, A. Fukui, D. Fukunaga, P. Harris, Y. Itow, N. Koshimoto, C. H. Ling, K. Masuda, Y. Matsubara, Y. Muraki, S. Namba, K. Ohnishi, N. J. Rattenbury, To. Saito, D. J. Sullivan, W. L. Sweatman, D. Suzuki, P. J. Tristram, K. Wada, N. Yamai, P. C. M. Yock, A. Yonehara, L. Andrade de Almeida, D. L. DePoy, Subo Dong, F. Jablonski, Y. K. Jung, A. Kavka, C.-U. Lee, H. Park, R. W. Pogge, I.-G. Shin, J. C. Yee, M. D. Albrow, E. Bachelet, V. Batista, S. Brilliant, J. A. R. Caldwell, A. Cassan, A. Cole, E. Corrales, Ch. Coutures, S. Dieters, D. Dominis Prester, J. Donatowicz, P. Fouqué, J. Greenhill, U. G. Jørgensen, S. R. Kane, D. Kubas, J.-B. Marquette, R. Martin, P. Meintjes, J. Menzies, K. R. Pollard, A. Williams, D. Wouters, D. M. Bramich, M. Dominik, K. Horne, P. Browne, M. Hundertmark, S. Ipatov, N. Kains, C. Snodgrass, I. A. Steele, R. A. Street
- Journal: *The Astrophysical Journal*, v778, p55
- Authorship: Corresponding author
- Publish date: 2013/11/01

### 141. "Microlensing Discovery of a Tight, Low Mass-ratio Planetary-mass Object around an Old, Field Brown dwarf"

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- Journal: The Astrophysical Journal, v778, p38
  - Authorship: First author
  - Publish date: 2013/11/01
- 140. "MOA-2010-BLG-311: A Planetary Candidate below the Threshold of Reliable Detection"**
- Authors: J. C. Yee, L.-W. Hung, I. A. Bond, W. Allen, L. A. G. Monard, M. D. Albrow, P. Fouqué, M. Dominik, Y. Tsapras, A. Udalski, A. Gould, R. Zellem, M. Bos, G. W. Christie, D. L. DePoy, Subo Dong, J. Drummond, B. S. Gaudi, E. Gorbikow, **C. Han**, S. Kaspi, N. Klein, C.-U. Lee, D. Maoz, J. McCormick, D. Moorhouse, T. Natusch, M. Nola, B.-G. Park, R. W. Pogge, D. Polishook, A. Shporer, Y. Shvartzvald, J. Skowron, G. Thornley, F. Abe, D. P. Bennett, C. S. Botzler, P. Chote, M. Freeman, A. Fukui, K. Furusawa, P. Harris, Y. Itow, C. H. Ling, K. Masuda, Y. Matsubara, N. Miyake, K. Ohnishi, N. J. Rattenbury, To. Saito, D. J. Sullivan, T. Sumi, D. Suzuki, W. L. Sweatman, P. J. Tristram, K. Wada, P. C. M. Yock, M. K. Szymański, I. Soszyński, M. Kubiak, R. Poleski, K. Ulaczyk, G. Pietrzyński, L. Wyrzykowski, E. Bachelet, V. Batista, T. G. Beatty, J.-P. Beaulieu, C. S. Bennett, R. Bowens-Rubin, S. Brilliant, J. A. R. Caldwell, A. Cassan, A. A. Cole, E. Corrales, C. Coutures, S. Dieters, D. Dominis Prester, J. Donatowicz, J. Greenhill, C. B. Henderson, D. Kubas, J.-B. Marquette, R. Martin, J. W. Menzies, B. Shappee, A. Williams, D. Wouters, J. van Saders, M. Zub4, R. A. Street, K. Horne, D. M. Bramich, I. A. Steele, K. A. Alsubai, V. Bozza, P. Browne, M. J. Burgdorf, S. Calchi Novati, P. Dodds, F. Finet, T. Gerner, S. Hardis, K. Harpsøe, F. V. Hessman, T. C. Hinse, M. Hundertmark, U. G. Jørgensen, N. Kains, E. Kerins, C. Liebig, L. Mancini, M. Mathiasen, M. T. Penny, S. Proft, S. Rahvar, D. Ricci, K. C. Sahu, G. Scarpetta, S. Schäfer, F. Schönebeck, C. Snodgrass, J. Southworth, J. Surdej, J. Wambsganss
  - Journal: The Astrophysical Journal, v769, p77
  - Authorship: Coauthor
  - Publish date: 2013/05/20
- 139. "Microlensing Discovery of a Population of a Very Tight, Very Low-mass Binary Brown Dwarfs"**
- Authors: J.-Y. Choi, **C. Han**, A. Udalski, T. Sumi, B. S. Gaudi, A. Gould, D. P. Bennett, M. Dominik, J.-P. Beaulieu, Y. Tsapras, V. Bozza, F. Abe, I. A. Bond, C. S. Botzler, P. Chote, M. Freeman, A. Fukui, K. Furusawa, Y. Itow, C. H. Ling, K. Masuda, Y. Matsubara, N. Miyake, Y. Muraki, K. Ohnishi, N. J. Rattenbury, To. Saito, D. J. Sullivan, K. Suzuki, W. L. Sweatman, D. Suzuki, S. Takino, P. J. Tristram, K. Wada, P. C. M. Yock, M. K. Szymański, M. Kubiak, G. Pietrzyński, I. Soszyński, J. Skowron, S. Kozłowski, R. Poleski, K. Ulaczyk, L. Wyrzykowski, P. Pietrukowicz, L. A. Almeida, D. L. DePoy, Subo Dong, E. Gorbikow, F. Jablonski, C. B. Henderson, K.-H. Hwang, J. Janczak, Y.-K. Jung, S. Kaspi, C.-U. Lee, U. Malamud, D. Maoz, D. McGregor, J. A. Muñoz, B.-G. Park, H. Park, R. W. Pogge, Y. Shvartzvald, I.-G. Shin, J. C. Yee, K. A. Alsubai, P. Browne, M. J. Burgdorf, S. Calchi Novati, P. Dodds, X.-S. Fang, F. Finet, M. Glittrup, F. Grundahl, S.-H. Gu, S. Hardis, K. Harpsøe, T. C. Hinse, A. Hornstrup, M. Hundertmark, J. Jessen-Hansen, U. G. Jørgensen, N. Kains, E. Kerins, C. Liebig, M. N. Lund, M. Lundkvist, G. Maier, L. Mancini, M. Mathiasen, M. T. Penny, S. Rahvar, D. Ricci, G. Scarpetta, J. Skottfelt, C. Snodgrass, J. Southworth, J. Surdej, J. Tregloan-Reed, J. Wambsganss, O. Wertz, F. Zimmer, M. D. Albrow, E. Bachelet, V. Batista, S. Brilliant, A. Cassan, A. A. Cole, C. Coutures, S. Dieters, D. Dominis Prester, J. Donatowicz, P. Fouqué, J. Greenhill, D. Kubas, J.-B. Marquette, J. W. Menzies, K. C. Sahu, M. Zub, D. M. Bramich, K. Horne, I. A. Steele, R. A. Street
  - Journal: The Astrophysical Journal Letters, v768, p129
  - Authorship: Corresponding author
  - Publish date: 2013/05/10
- 138. "Reanalysis of the Gravitational Microlensing Event MACHO 97-BLG-41 based on Combined Data"**
- Authors: Y. K. Jung, **C. Han**, A. Gould, D. Maoz
  - Journal: The Astrophysical Journal Letters, v768, L7
  - Authorship: Corresponding author
  - Publish date: 2013/05/01
- 137. "OGLE-2011-BLG-0417: A Radial Velocity Testbed for Microlensing"**
- Authors: A. Gould, I.-G. Shin, **C. Han**, A. Udalski, J. Yee
  - Journal: The Astrophysical Journal, v768, p126
  - Authorship: Coauthor
  - Publish date: 2013/05/10
- 136. "A Jupiter-mass Planet beyond the Snow Line in Microlensing Event OGLE-2011-BLG-0251"**
- Authors: Kains, N., Street, R. A., Choi, J.-Y., **Han, C.**, Udalski, A., Almeida, L. A., Jablonski, F., Tristram, P. J., Jørgensen, U. G., Szymański, M. K., Kubiak, M., Pietrzyński, G., Soszyński, I., Poleski, R., Kozłowski, S., Pietrukowicz, P., Ulaczyk, K., Wyrzykowski, L., Skowron, J., Alsubai, K. A., Bozza, V., Browne, P., Burgdorf, M. J., Calchi Novati, S., Dodds, P., Dominik, M., Dreizler,

S., Fang, X.-S., Grundahl, F., Gu, C.-H., Hardis, S., Harpsøe, K., Hessman, F. V., Hinse, T. C., Hornstrup, A., Hundertmark, M., Jessen-Hansen, J., Kerins, E., Liebig, C., Lund, M., Lundkvist, M., Mancini, L., Mathiasen, M., Penny, M. T., Rahvar, S., Ricci, D., Sahu, K. C., Scarpetta, G., Skottfelt, J., Snodgrass, C., Southworth, J., Surdej, J., Tregloan-Reed, J., Wambsganss, J., Wertz, O., Bajek, D., Bramich, D. M., Horne, K., Ipatov, S., Steele, I. A., Tsapras, Y., Abe, F., Bennett, D. P., Bond, I. A., Botzler, C. S., Chote, P., Freeman, M., Fukui, A., Furusawa, K., Itow, Y., Ling, C. H., Masuda, K., Matsubara, Y., Miyake, N., Muraki, Y., Ohnishi, K., Rattenbury, N., Saito, T., Sullivan, D. J., Sumi, T., Suzuki, D., Suzuki, K., Sweatman, W. L., Takino, S., Wada, K., Yock, P. C. M., Allen, W., Batista, V., Chung, S.-J., Christie, G., DePoy, D. L., Drummond, J., Gaudi, B. S., Gould, A., Henderson, C., Jung, Y.-K., Koo, J.-R., Lee, C.-U., McCormick, J., McGregor, D., Muñoz, J. A., Natusch, T., Ngan, H., Park, H., Pogge, R. W., Shin, I.-G., Yee, J., Albrow, M. D., Bachelet, E., Beaulieu, J.-P., Brilliant, S., Caldwell, J. A. R., Cassan, A., Cole, A., Corrales, E., Coutures, Ch., Dieters, S., Dominis Prester, D., Donatowicz, J., Fouqué, P., Greenhill, J., Kane, S. R., Kubas, D., Marquette, J.-B., Martin, R., Meintjes, P., Menzies, J., Pollard, K. R., Williams, A., Wouters, D., Zub, M.

- Journal: *Astronomy & Astrophysics*, v552, pA70
- Authorship: Corresponding author
- Publish date: 2013/04/01

### 135. "Using Orbital Effects to Break the Close/wide Degeneracy in Binary-lens Microlensing Events"

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- Journal: *The Astrophysical Journal*, v764, p64
- Authorship: Corresponding author
- Publish date: 02/10/2013

### 134. "MOA-2010-BLG-523: 'Failed Planet' = RS CVn Star"

- Authors: A. Gould, J.C. Yee, I.A. Bond, A. Udalski, **C. Han**, U.G. Jørgensen, J. Greenhill, Y. Tsapras, M.H. Pinsonneault, T. Bensby, W. Allen, L.A. Almeida, M. Bos, G.W. Christie, D.L. DePoy, Subo Dong, B.S. Gaudi, L.-W. Hung, F. Jablonski, C.-U. Lee, J. McCormick, D. Moorhouse, J.A. Munoz, T. Natusch, M. Nola, R.W. Pogge, J. Skowron, G. Thornley, F. Abe, D.P. Bennett, C.S. Botzler, P. Chote, M. Freeman, A. Fukui, K. Furusawa, P. Harris, Y. Itow, C.H. Ling, K. Masuda, Y. Matsubara, N. Miyake, K. Ohnishi, N.J. Rattenbury, To. Saito, D.J. Sullivan, T. Sumi, D. Suzuki, W.L. Sweatman, P.J. Tristram, K. Wada, P.C.M. Yock, M.K. Szymanski, I. Soszynski, M. Kubiak, R. Poleski, K. Ulaczyk, G. Pietrzynski, Ł. Wyrzykowski, K.A. Alsubai, V. Bozza, P. Browne, M.J. Burgdorf, S. Calchi Novati, P. Dodds, M. Dominik, F. Finet, T. Gerner, S. Harpsøe, F.V. Hessman, T.C. Hinse, M. Hundertmark, N. Kains, E. Kerins, C. Liebig, L. Mancini, M. Mathiasen, M.T. Penny, S. Proft, S. Rahvar, D. Ricci, K.C. Sahu, G. Scarpetta, S. Schafer, F. Schonebeck, C. Snodgrass, J. Southworth, J. Surdej, J. Wambsganss, R.A. Street, K. Horne, D.M. Bramich, I.A. Steele, M.D. Albrow, E. Bachelet, V. Batista, T.G. Beatty, J.-P. Beaulieu, C.S. Bennett, R. Bowens-Rubin, S. Brilliant, J.A.R. Caldwell, A. Cassan, A.A. Cole, E. Corrales, C. Coutures, S. Dieters, D. Dominis Prester, J. Donatowicz, P. Fouque, C.B. Henderson, D. Kubas, J.-B. Marquette, R. Martin, J.W. Menzies, B. Shappee, A. Williams, J. van Saders, M. Zub
- Journal: *The Astrophysical Journal*, v763, p141
- Authorship: Coauthor
- Publish date: 02/01/2013

### 133. "Chemical Evolution of the Galactic Bulge as Traced by Microlensed Dwarf and Subgiant Stars, V. Evidence for a Wide Age Distribution and a Complex MDF"

- Authors: T. Bensby, J. C. Yee, S. Feltzing, J. A. Johnson, A. Gould, J. G. Cohen, M. Asplund, J. Meléndez, S. Lucatello, **C. Han**, I. Thompson, A. Gal-Yam, A. Udalski, D. P. Bennett, I. A. Bond, W. Kohei, T. Sumi, D. Suzuki, K. Suzuki, S. Takino, P. Tristram, N. Yamai, A. Yonehara
- Journal: *The Astronomy & Astrophysics*, v549, pA147
- Authorship: Coauthor
- Publish date: 01/2013

### 132. "MOA-2010-BLG-073L: An M-Dwarf with a Substellar Companion at the Planet/Brown Dwarf Boundary"

- Authors: R. A. Street, J.-Y. Choi, Y. Tsapras, **C. Han**, K. Furusawa, M. Hundertmark, A. Gould, T. Sumi, I. A. Bond, D. Wouters, R. Zellem, A. Udalski, C. Snodgrass, K. Horne, M. Dominik, P. Browne, N. Kains, D. M. Bramich, D. Bajek, I.A. Steele, S. Ipatov, F. Abe, D. P. Bennett, C. S. Botzler, P. Chote, M. Freeman, A. Fukui, P. Harris, Y. Itow, C. H. Ling, K. Masuda, Y. Matsubara, N. Miyake, Y. Muraki, T. Nagayama, S. Nishimaya, K. Ohnishi, N. Rattenbury, To. Saito, D. J. Sullivan, D. Suzuki, W.L. Sweatman, P. J. Tristram, K. Wada, P. C. M. Yock, M. K. Szymanski, M. Kubiak, G. Pietrzynski, I. Soszynski, R. Poleski, K. Ulaczyk, Ł. Wyrzykowski, J. Yee, S. Dong, I.-G. Shin, C.-U. Lee, J. Skowron, L. Andrade De Almeida, D. L. DePoy, B. S. Gaudi, L.-W. Hung, F. Jablonski, S. Kaspi, N. Klein, K.-H. Hwang, J.-R. Koo, D. Maoz, J.A. Munoz, R.W. Pogge, D. Polishhook, A. Shporer, J. McCormick, G. Christie, T. Natusch, B. Allen, J. Drummond, D. Moorhouse, G. Thornley, M. Knowler, M. Bos, G. Bolt, J.-P. Beaulieu,

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- Journal: *The Astrophysical Journal*, v763, p67
  - Authorship: Corresponding author
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**131. "The Second Multiple-Planet System Discovered by Microlensing : OGLE-2012-BLG-0026Lb, c, A Pair of Jovian Planets Beyond the Snow Line"**

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- Journal: *The Astrophysical Journal Letter*, v762, pL28
- Authorship: First author
- Publish date: 01/10/2013

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**130. "Microlensing Binaries with Candidate Brown Dwarf Companions"**

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- Journal: *The Astrophysical Journal*, v760, p116
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- Publish date: 11/20/2012

**129. "A Brown Dwarf Orbiting an M-dwarf: MOA 2009-BLG-411L"**

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- Journal: *Astronomy & Astrophysics*, v547, pA55
- Authorship: Coauthor
- Publish date: 11/01/2012

**128. "A New Type of Ambiguity in the Planet and Binary Interpretations of Central Perturbations of High-magnification Microlensing Events"**

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- Journal: The Astrophysical Journal, v756, p48
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**127. "MOA-2011-BLG-293Lb: A Testbed for Pure Survey Microlensing Planet Detections"**

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- Journal: The Astrophysical Journal, v755, p102
- Authorship: Coauthor
- Publish date: 08/20/2012

**126. "Characterizing Low-mass Binaries from Observation of Long Time-scale Caustic-crossing Gravitational Microlensing Events"**

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- Journal: The Astrophysical Journal, v755, p91
- Authorship: Corresponding author
- Publish date: 08/20/2012

**125. "OGLE-2008-BLG-510: First Automated Real-time Detection of a Weak Microlensing Anomaly -- Brown Dwarf or Stellar Binary?"**

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  - Authorship: Coauthor
  - Publish date: 06/20/2012
- 124. "OGLE-2010-BLG-477Lb: Constraining the Mass of a Microlensing Planet from Annual Parallax, Orbital Motion, and Detection of Blended Light"**
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  - Journal: The Astrophysical Journal, v754, p73
  - Authorship: Corresponding author
  - Publish date: 07/20/2012
- 123. "A Possible Binary System of a Stellar Remnant in the High-magnification Gravitational Microlensing Event OGLE-2007-BLG-514"**
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  - Journal: The Astrophysical Journal, v752, p82
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  - Publish date: 06/20/2012
- 122. "Characterizing Lenses and Lensed Stars of High-Magnification Single-lens Gravitational Microlensing Events with Lenses Passing Over Source Stars"**
- Authors: J.-Y. Choi, I.-G. Shin, S.-Y. Park, **C. Han**, A. Gould, T. Sumi, A. Udalski, J.-P. Beaulieu, R. Street, M. Dominik, W. Allen, L.A. Almeida, M. Bos, G.W. Christie, D.L. Depoy, S. Dong, J. Drummond, A. Gal-Yam<sup>1</sup>, B.S. Gaudi, C.B. Henderson, L.-W. Hung, F. Jablonski, J. Janczak, C.-U. Lee, F. Mallia, A. Maury, J. McCormick, D. McGregor, L.A.G. Monard, D. Moorhouse, J.A. Muñoz, T. Natusch, C. Nelson, B.-G. Park, R.W. Pogge, T.-G. "TG" Tan, G. Thornley, J.C. Yee, F. Abe, E. Barnard, J. Baudry, D.P. Bennett, I.A. Bond, C.S. Botzler, M. Freeman, A. Fukui, K. Furusawa, F. Hayashi, J.B. Hearnshaw, S. Hosaka, Y. Itow, K. Kamiya, P. M. Kilmartin, S. Kobara, A. Korpela, W. Lin, C.H. Ling, S. Makita, K. Masuda, Y. Matsubara, N. Miyake, Y. Muraki, M. Nagaya, K. Nishimoto, K. Ohnishi, T. Okumura, K. Omori, Y.C. Perrott, N. Rattenbury, To. Saito, L. Skuljan, D.J. Sullivan, D. Suzuki, K. Suzuki, W.L. Sweatman, S. Takino, P.J. Tristram, K. Wada, P.C.M. Yock, M.K. Szymanski, M. Kubiak, G. Pietrzyński, I. Soszynski<sup>4</sup>, R. Poleski, K. Ulaczyk, L. Wyrzykowski, S. Kozłowski, P. Pietrukowicz, M.D. Albrow, E. Bachelet, V. Batista, C. S. Bennett, R. Bowens-Rubin, S. Brilliant, A. Cassan, A. Cole, E. Corrales, Ch. Coutures, S. Dieters, D. Dominis Prester, J. Donatowicz, P. Fouqu'e, J. Greenhill, S.R. Kane, J. Menzies, K.C. Sahu, J. Wambsganss, A. Williams, M. Zub, A. Allan, D.M. Bramich, P. Browne, N. Clay, S. Fraser, K. Horne, N. Kains, C. Mottram, C. Snodgrass, I. Steele, Y. Tsapras, K. A. Alsubai, V. Bozza, M.J. Burgdorf, S. Calchi Novati, P. Dodds, S. Dreizler, F. Finet, T. Gerner, M. Glittrup, F. Grundahl, S. Hardis, K. Harpsøe, T.C. Hinse, M. Hundertmark, U.G. Jørgensen, E. Kerins, C. Liebig, G. Maier, L. Mancini, M. Mathiasen, M.T. Penny, S. Proft, S. Rahvar, D. Ricci, G. Scarpetta, S. Schafer, F. Schönebeck, J. Skottfelt, J. Surdej, J. Southworth, F. Zimmer
  - Journal: The Astrophysical Journal, v751, p41

- Authorship: Corresponding author
- Publish date: 05/20/2012

#### 121. "Microlensing Binaries Discovered through High-Magnification Channel"

- Authors: I.-G. Shin, J.-Y. Choi, S.-Y. Park, **C. Han**, A. Gould, T. Sumi, A. Udalski, J.-P. Beaulieu, M. Dominik, W. Allen, M. Bos, G.W. Christie, D.L. Depoy, S. Dong, J. Drummond, A. Gal-Yam, B.S. Gaudi, L.-W. Hung, J. Janczak, S. Kaspi, C.-U. Lee, F. Mallia, D. Maoz, A. Maury, J. McCormick, L.A.G. Monard, D. Moorhouse, J.A. Munoz, T. Natusch, C. Nelson, B.-G. Park, R.W. Pogge, D. Polishook, Y. Shvartzvald, A. Shporer, G. Thornley, J.C. Yee, F. Abe, D.P. Bennett, I.A. Bond, C.S. Botzler, A. Fukui, K. Furusawa, F. Hayashi, J.B. Hearnshaw, S. Hosaka, Y. Itow, K. Kamiya, P.M. Kilmartin, S. Kobara, A. Korpela, W. Lin, C.H. Ling, S. Makita, K. Masuda, Y. Matsubara, N. Miyake, Y. Muraki, M. Nagaya, K. Nishimoto, K. Ohnishi, T. Okumura, K. Omori, Y.C. Perrott, N. Rattenbury, To. Saito, L. Skuljan, D.J. Sullivan, D. Suzuki, W.L. Sweatman, P.J. Tristram, K. Wada, P.C.M. Yock, M.K. Szymanski, M. Kubiak, G. Pietrzynski, I. Soszynski, R. Poleski, K. Ulaczyk, L. Wyrzykowski, S. Kozłowski, P. Pietrukowicz, M.D. Albrow, V. Batista, D.M. Bramich, S. Snodgrass, I. Steele, J.A.R. Caldwell, J.J. Calitz, A. Cassan, A. Cole, K.H. Cook, E. Corrales, Ch. Coutures, S. Dieters, D. Dominis Prester, J. Donatowicz, P. Fouqué, J. Greenhill, M. Hoffman, U.G. Jørgensen, S. R. Kane, D. Kubas, J.-B. Marquette, R. Martin, P. Meintjes, J. Menzies, K.R. Pollard, K.C. Sahu, J. Wambsganss, A. Williams, C. Vinter, M. Zub, A. Allan, P. Browne, K. Horne, C. Snodgrass, I. Steele, R. Street, Y. Tsapras, K.A. Alsubai, V. Bozza, P. Browne, M.J. Burgdorf, S. Calchi Novati, P. Dodds, S. Dreizler, F. Finet, T. Gerner, M. Glittrup, F. Grundahl, S. Hardis, K. Harpsøe, F.V. Hessman, T.C. Hinse, M. Hundertmark, N. Kains, E. Kerins, C. Liebig, G. Maier, L. Mancini, M. Mathiasen, M.T. Penny, S. Proft, S. Rahvar, D. Ricci, G. Scarpetta, S. Schafer, F. Schönebeck, J. Skottfelt, J. Surdej
- Journal: The Astrophysical Journal, v746, p127
- Authorship: Corresponding author
- Publish date: 02/20/2012

### 2011 (8 papers)

#### 120. "Discovery and Mass Measurements of a Cold, 10 Earth Mass Planet and Its Host Star"

- Authors: Y. Muraki, **C. Han**, D. P. Bennett, D. Suzuki, L. A. G. Monard, R. Street, U. G. Jørgensen, P. Kundurthy, J. Skowron, A. C. Becker, M. D. Albrow, P. Fouqué, D. Heyrovský, R. K. Barry, J.-P. Beaulieu, D. D. Wellnitz, I. A. Bond, T. Sumi, S. Dong, B. S. Gaudi, D. M. Bramich, M. Dominik, F. Abe, C. S. Botzler, M. Freeman, A. Fukui, K. Furusawa, F. Hayashi, J. B. Hearnshaw, S. Hosaka, Y. Itow, K. Kamiya, A. V. Korpela, P. M. Kilmartin, W. Lin, C. H. Ling, S. Makita, K. Masuda, Y. Matsubara, N. Miyake, K. Nishimoto, K. Ohnishi, Y. C. Perrott, N. J. Rattenbury, To. Saito, L. Skuljan, D. J. Sullivan, W. L. Sweatman, P. J. Tristram, K. Wada, P. C. M. Yock, G. W. Christie, D. L. DePoy, E. Gorbikov, A. Gould, S. Kaspi, C.-U. Lee, F. Mallia, D. Maoz, J. McCormick, D. Moorhouse, T. Natusch, B.-G. Park, R. W. Pogge, D. Polishook, A. Shporer, G. Thornley, J. C. Yee, A. Allan, P. Browne, K. Horne, N. Kains, C. Snodgrass, I. Steele, Y. Tsapras, V. Batista, C. S. Bennett, S. Brilliant, J. A. R. Caldwell, A. Cassan, A. Cole, R. Corrales, Ch. Coutures, S. Dieters, D. Dominis Prester, J. Donatowicz, J. Greenhill, D. Kubas, J.-B. Marquette, R. Martin, J. Menzies, K. C. Sahu, I. Waldman, A. Williams, M. Zub, H. Bourhous, Y. Matsuoka, T. Nagayama, N. Oi, Z. Randriamanakoto, V. Bozza, M. J. Burgdorf, S. Calchi Novati, S. Dreizler, F. Finet, M. Glittrup, K. Harpsøe, T. C. Hinse, M. Hundertmark, C. Liebig, G. Maier, L. Mancini, M. Mathiasen, S. Rahvar, D. Ricci, G. Scarpetta, J. Skottfelt, J. Surdej, J. Southworth, J. Wambsganss, F. Zimmer, A. Udalski, R. Poleski, L. Wyrzykowski, K. Ulaczyk, M. K. Szymanski, M. Kubiak, G. Pietrzynski, I. Soszynski
- Journal: The Astrophysical Journal, v741, p22
- Authorship: Corresponding author
- Publish date: 11/01/2011

#### 119. "Chemical Evolution of the Galactic Bulge as Traced by Microlensing Dwarf and Subgiant Stars IV. Two bulge populations"

- Authors: T. Bensby, D. Adén, J. Meléndez, A. Gould, S. Feltzing, M. Asplund, J.A. Johnson, S. Lucatello, J.C. Yee, I. Ramírez, J.G. Cohen, I. Thompson, I.A. Bond, A. Gal-Yam, **C. Han**, T. Sumi, D. Suzuki, K. Wada, N. Miyake, K. Furusawa, K. Ohmori, To. Saito, P. Tristram, D. Bennett
- Journal: Astronomy & Astrophysics, v533, A134
- Authorship: Coauthor
- Publish date: 09/01/2011

#### 118. "Binary Microlensing Event OGLE-2009-BLG-020 Gives a Verifiable Mass, Distance and Orbital Predictions"

- Authors: J. Skowron, A. Udalski, A. Gould, Subo Dong, L. A. G. Monard, **C. Han**, C. R. Nelson, J. McCormick, D. Moorhouse, G. Thornley, A. Maury, D. M. Bramich, J. Greenhill, S. Kozłowski, I. Bond, R. Poleski, L. Wyrzykowski, K. Ulaczyk, M. Kubiak, M. K. Szymanski, G. Pietrzynski, I. Soszynski, B. S. Gaudi, J. C. Yee, L.-W. Hung, R. W. Pogge, D. L. DePoy, C.-U. Lee, B.-G. Park, W. Allen, F. Mallia, J. Drummond, G. Bolt, A. Allan, P. Browne, N. Clay, M. Dominik, S. Fraser, K. Horne, N. Kains, C. Mottram, C. Snodgrass, I. Steele, R. A. Street, Y. Tsapras, F. Abe, D. P. Bennett, C. S. Botzler, D. Douchin, M. Freeman, A. Fukui, K. Furusawa, F. Hayashi,

- J. B. Hearnshaw, S. Hosaka, Y. Itow, K. Kamiya, P. M. Kilmartin, A. Korpela, W. Lin, C. H. Ling, S. Makita, K. Masuda, Y. Matsubara, Y. Muraki, T. Nagayama, N. Miyake, K. Nishimoto, K. Ohnishi, Y. C. Perrott, N. Rattenbury, To. Saito, L. Skuljan, D. J. Sullivan, T. Sumi, D. Suzuki, W. L. Sweatman, P. J. Tristram, K. Wada, P. C. M. Yock, J.-P. Beaulieu, P. Fouqué, M. D. Albrow, V. Batista, S. Brilliant, J. A. R. Caldwell, A. Cassan, A. Cole, K. H. Cook, Ch. Coutures, S. Dieters, D. Dominis Prester, J. Donatowicz, S. R. Kane, D. Kubas, J.-B. Marquette, R. Martin, J. Menzies, K. C. Sahu, J. Wambsganss, A. Williams, M. Zub
- Journal: The Astrophysical Journal, v738, p87
  - Authorship: Coauthor
  - Publish date: 09/01/2011

**117. "OGLE-2005-BLG-018: Characterization of Full Physical and Orbital Parameters of a Gravitational Binary Lens"**

- Authors: I.-G. Shin, A. Udalski, **C. Han**, A. Gould, M. Dominik, P. Fouqué, M. Kubiak, M. K. Szymański, G. Pietrzyński, I. Soszyński, K. Ulaczyk, Ł. Wyrzykowski, D.L. DePoy, S. Dong, B.S. Gaudi, C.-U. Lee, B.-G. Park, R. W. Pogge, M.D. Albrow, A. Allan, J. P. Beaulieu, D.P. Bennett, M. Bode, D.M. Bramich, S. Brilliant, M. Burgdorf, H. Calitz, A. Cassan, K.H. Cook, E. Corrales, Ch. Coutures, N. Desort, S. Dieters, D. Dominis Prester, J. Donatowicz, S.N. Fraser, J. Greenhill, K. Hill, M. Hoffman, K. Horne, U.G. Jørgensen, S.R. Kane, D. Kubas, J.B. Marquette, R. Martin, P. Meintjes, J. Menzies, C. Mottram, T. Naylor, K.R. Pollard, K.C. Sahu, C. Snodgrass, I. Steele, C. Vinter, J. Wambsganss, A. Williams, K. Woller
- Journal: The Astrophysical Journal, v735, p85
- Authorship: Corresponding author
- Publish date: 07/10/2011

**116. "OGLE-2009-BLG-023/MOA-2009-BLG-028: Characterization of a Binary Microlensing Event Based on Survey Data"**

- Authors: K.-H. Hwang, **C. Han**, A. Udalski, T. Sumi, A. Gould, M. Jaroszynski, M. Kubiak, M.K. Szymanski, G. Pietrzyński, I. Soszynski, O. Szewczyk, K. Ulaczyk, Ł. Wyrzykowski, F. Abe, D.P. Bennett, I.A. Bond, C.S. Botzler, M. Freeman, A. Fukui, K. Furusawa, J.B. Hearnshaw, Y. Itow, K. Kamiya, P.M. Kilmartin, A. Korpela, W. Lin, C.H. Ling, K. Masuda, Y. Matsubara, N. Miyake, Y. Muraki, K. Ohnishi, Y.C. Perrott, N.J. Rattenbury, To. Saito, T. Sako, D.J. Sullivan, W.L. Sweatman, P.J. Tristram, P.C.M. Yock
- Journal: Monthly Notices of the Royal Astronomical Society, v413, p1244-1250
- Authorship: Corresponding author
- Publish date: 05/01/2011

**115. "OGLE-2009-BLG-387Lb: A Massive Planet Orbiting an M Dwarf"**

- Authors: V. Batista, A. Gould, S. Dieters, S. Dong, I. Bond, J. P. Beaulieu, D. Maoz, B. Monard, G. W. Christie, J. McCormick, M. D. Albrow, K. Horne, Y. Tsapras, M. J. Burgdorf, S. Calchi Novati, J. Skottfelt, J. Caldwell, S. Kozłowski, D. Kubas, B. S. Gaudi, **C. Han**, D. P. Bennett, J. An, F. Abe, C. S. Botzler, D. Douchin, M. Freeman, A. Fukui, K. Furusawa, J. B. Hearnshaw, S. Hosaka, Y. Itow, K. Kamiya, P. M. Kilmartin, A. Korpela, W. Lin, C. H. Ling, S. Makita, K. Masuda, Y. Matsubara, N. Miyake, Y. Muraki, M. Nagaya, K. Nishimoto, K. Ohnishi, T. Okumura, Y. C. Perrott, N. Rattenbury, To. Saito, D. J. Sullivan, T. Sumi, W. L. Sweatman, P. J. Tristram, E. von Seggern, P. C. M. Yock, S. Brilliant, J. J. Calitz, A. Cassan, A. Cole, K. Cook, C. Coutures, D. Dominis Prester, J. Donatowicz, J. Greenhill, M. Hoffman, F. Jablonski, S. R. Kane, N. Kains, J.-B. Marquette, R. Martin, E. Martioli, P. Meintjes, J. Menzies, E. Pedretti, K. Pollard, K. C. Sahu, C. Vinter, J. Wambsganss, R. Watson, A. Williams, M. Zub, W. Allen, G. Bolt, M. Bos, D. L. DePoy, J. Drummond, J. D. Eastman, A. Gal-Yam, E. Gorbikov, D. Higgins, J. Janczak, S. Kaspi, C.-U. Lee, F. Mallia, A. Maury, L. A. G. Monard, D. Moorhouse, N. Morgan, T. Natusch, E. O. Ofek, B.-G. Park, R. W. Pogge, D. Polishook, R. Santallo, A. Shporer, O. Spector, G. Thornley, J. C. Yee, V. Bozza, P. Browne, M. Dominik, S. Dreizler, F. Finet, M. Glittrup, F. Grundahl, K. Harpsøe, F. V. Hessman, T. C. Hinse, M. Hundertmark, U. G. Jørgensen, C. Liebig, G. Maier, L. Mancini, M. Mathiasen, S. Rahvar, D. Ricci, G. Scarpetta, J. Southworth, J. Surdej, F. Zimmer, A. Allan, D. M. Bramich, C. Snodgrass, I. A. Steele, R. A. Street
- Journal: Astronomy & Astrophysics, v529, pA102
- Authorship: Coauthor
- Publish date: 04/15/2011

**114. "A Sub-Saturn Mass Planet, MOA-2009-BLG-319Lb"**

- Authors: N. Miyake, T. Sumi, Subo Dong, R. Street, L. Mancini, A. Gould, D. P. Bennett, Y. Tsapras, J. C. Yee, M. D. Albrow, I. A. Bond, P. Fouqué, P. Browne, **C. Han**, C. Snodgrass, F. Finet, K. Furusawa, K. Harpsøe, W. Allen, M. Hundertmark, M. Freeman, D. Suzuki, and F. Abe, C. S. Botzler, D. Douchin, A. Fukui, F. Hayashi, J. B. Hearnshaw, S. Hosaka, Y. Itow, K. Kamiya, P. M. Kilmartin, A. Korpela, W. Lin, C. H. Ling, S. Makita, K. Masuda, Y. Matsubara, Y. Muraki, T. Nagayama, K. Nishimoto, K. Ohnishi, Y. C. Perrott, N. Rattenbury, To. Saito, L. Skuljan, D. J. Sullivan, W. L. Sweatman, P. J. Tristram, K. Wada, P. C. M. Yock, G. Bolt, M. Bos, G. W. Christie, D. L. DePoy, J. Drummond, A. Gal-Yam, B. S. Gaudi, E. Gorbikov, D. Higgins, K.-H. Hwang, J. Janczak, S. Kaspi, C.-U. Lee, J.-R. Koo, S. Kozłowski, Y. Lee, F. Mallia, A. Maury, D. Maoz, J. McCormick, L. A. G. Monard, D. Moorhouse, J. A. Muñoz, T. Natusch, E. O. Ofek, R. W. Pogge, D. Polishook, R. Santallo, A. Shporer, O. Spector, G. Thornley, A. Allan, D. M. Bramich, K. Horne, N. Kains, I. Steele, V. Bozza, M. J. Burgdorf, S. Calchi Novati,



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- Journal: *The Astrophysical Journal*, v728, p120-129
  - Authorship: Coauthor
  - Publish date: 02/20/2011

**113. "Limb-darkening Measurements for a Cool Red Giant in Microlensing Event OGLE-2004-BLG-482"**

- Authors: Zub, M.; Cassan, A.; Heyrovský, D.; Fouqué, P.; Stempels, H.C.; Albrow, M.D.; Beaulieu, J.-P.; Brilliant, S.; Christie, G. W.; Kains, N.; Kozłowski, S.; Kubas, D.; Wambsganss, J.; Batista, V.; Bennett, D. P.; Cook, K.; Coutures, C.; Dieters, S.; Dominik, M.; Dominis Prester, D.; Donatowicz, J.; Greenhill, J.; Horne, K.; Jørgensen, U.G.; Kane, S. R.; Marquette, J.-B.; Martin, R.; Menzies, J.; Pollard, K. R.; Sahu, K. C.; Vinter, C.; Williams, A.; Gould, A.; Depoy, D. L.; Gal-Yam, A.; Gaudi, B. S.; **Han, C.**; Lipkin, Y.; Maoz, D.; Ofek, E. O.; Park, B.-G.; Pogge, R. W.; McCormick, J.; Udalski, A.; Szymański, M. K.; Kubiak, M.; Pietrzyński, G.; Soszyński, I.; Szewczyk, O.; Wyrzykowski, Ł.
- Journal: *Astronomy & Astrophysics*, v525, A15
- Authorship: Coauthor
- Publish date: 01/01/2011

**2010 (13 papers)**

**112. "Difference Image Photometry with Bright Variable Backgrounds"**

- Authors: Kerins, E.; Darnley, M.J.; Duke, J.P.; Gould, A.; **Han, C.**; Newsam, A.; Park, B.G.; Street, R.
- Journal: *Monthly Notices of the Royal Astronomical Society*, v409, p247-258
- Authorship: Coauthor
- Publish date: 11/01/2010

**111. "Chemical Evolution of the Galactic Bulge as Traced by Microlensed Dwarf and Subgiant Stars. III. Detection of Lithium in the Metal-Poor Bulge Dwarf MOA-2010-BLG-285S "**

- Authors: T. Bensby, M. Asplund, J.A. Johnson, S. Feltzing, J. Meléndez, S. Dong, A. Gould, **C. Han**, D. Adén, S. Lucatello, A. Gal-Yam
- Journal: *Astronomy & Astrophysics*, v521, pL57-60
- Authorship: Coauthor
- Publish date: 11/01/2010

**110. "OGLE-2005-BLG-153: Microlensing Discovery and Characterization of a Very Low Mass Binary"**

- Authors: K.-H. Hwang, A. Udalski, **C. Han**, Y.-H. Ryu, I. A. Bond, J.-P. Beaulieu, M. Dominik, K. Horne, A. Gould, B.S. Gaudi, and M. Kubiak, M.K. Szymanski, G. Pietrzyński, I. Soszyński, O. Szewczyk, K. Ulaczyk, Ł. Wyrzykowski, F. Abe, C.S. Botzler, J.B. Hearnshaw, Y. Itow, K. Kamiya, P. M. Kilmartin, K. Masuda, Y. Matsubara, M. Motomura, Y. Muraki, S. Nakamura, K. Ohnishi, C. Okada, N. Rattenbury, To. Saito, T. Sako, M. Sasaki, D.J. Sullivan, T. Sumi, P.J. Tristram, J. N. Wood, P.C.M. Yock, T. Yoshioka, M. Albrow, D.P. Bennett, D.M. Bramich, S. Brilliant, J.A.R. Caldwell, J.J. Calitz, A. Cassan, K.H. Cook, E. Corrales, C. Coutures, M. Desort, S. Dieters, D. Dominis, J. Donatowicz, P. Fouqué, J. Greenhill, K. Harpsøe, K. Hill, M. Hoffman, U.G. Jørgensen, S. Kane, D. Kubas, R. Martin, J.-B. Marquette, P. Meintjes, J. Menzies, K. Pollard, K. Sahu, I. Steele, C. Vinter, J. Wambsganss, A. Williams, K. Woller, M. Burgdorf, C. Snodgrass, M. Bode, D.L. Depoy, C.-U. Lee, B.-G. Park, R.W. Pogge
- Journal: *The Astrophysical Journal*, v723, p797-802
- Authorship: Corresponding author
- Publish date: 11/01/2010

**109. "OGLE-2009-BLG-092/MOA-2009-BLG-137: A Dramatic Repeating Event with the Second Perturbation Predicted by Real-Time Analysis"**

- Authors: Y.-H. Ryu, **C. Han**, K.-H. Hwang, R. Street, A. Udalski, T. Sumi, A. Fukui, J.-P. Beaulieu, A. Gould, M. Dominik, and F. Abe, D.P. Bennett, I. A. Bond, C.S. Botzler, K. Furusawa, F. Hayashi, J. B. Hearnshaw, S. Hosaka, Y. Itow, K. Kamiya, P.M. Kilmartin, A. Korpela, W. Lin, C.H. Ling, S. Makita, K. Masuda, Y. Matsubara, N. Miyake, Y. Muraki, K. Nishimoto, K. Ohnishi, Y. C. Perrott, N. Rattenbury, To. Saito, L. Skuljan, D.J. Sullivan, D. Suzuki, W.L. Sweatman, P.J. Tristram, K. Wada, P.C.M. Yock, M.K. Szymański, M. Kubiak, G. Pietrzyński, I. Soszyński, O. Szewczyk, Ł. Wyrzykowski, K. Ulaczyk, M. Bos, G.W. Christie, D.L. Depoy, A. Gal-Yam, B. S. Gaudi, S. Kaspi, C.-U. Lee, D. Maoz, J. McCormick, B. Monard, D. Moorhouse, R.W. Pogge, D. Polishook, Y. Shvartzvald, A. Shporer, G. Thornley, J. C. Yee, M.D. Albrow, V. Batista, S. Brilliant, A. Cassan, A. Cole, E. Corrales, Ch. Coutures, S. Dieters, P. Fouqué, J. Greenhill, J. Menzies, A. Allan, D. . Bramich, P. Browne, K. Horne, N. Kains, C. Snodgrass, I. Steele, Y. Tsapras, V. Bozza, M.J. Burgdorf, S. Calchi Novati, S. Dreizler, F. Finet, M. Glittrup, F. Grundahl, K. Harpsøe, F.V. Hessman, T.C. Hinse, M. Hundertmark, U. G. Jørgensen, C. Liebig, G. Maier, L. Mancini, M. Mathiasen, S. Rahvar, D. Ricci, G. Scarpetta, J. Skottfelt, J. Surdej, J. Southworth, J. Wambsganss, F. Zimmer
- Journal: *The Astrophysical Journal*, v723, p81-99
- Authorship: Corresponding author

- Publish date: 11/01/2010

**108. "Frequency of Solar-Like Systems and of Ice and Gas Giants Beyond the Snow Line from High-Magnification Microlensing Events in 2005-2008"**

- Authors: A. Gould, Subo Dong, B. S. Gaudi, A. Udalski, I. A. Bond, J. Greenhill, R. A. Street, M. Dominik, T. Sumi, M.K. Szymański, **C. Han**, W. Allen, G. Bolt, M. Bos, G.W. Christie, D.L. DePoy, J. Drummond, J.D. Eastman, A. Gal-Yam, D. Higgins, J. Janczak, S. Kaspi, S. Kozłowski, C.-U. Lee, F. Mallia, A. Maury, D. Maoz, J. McCormick, L.A.G. Monard, D. Moorhouse, N. Morgan, T. Natusch, E.O. Ofek, B.-G. Park, R.W. Pogge, D. Polishook, R. Santallo, A. Shporer, O. Spector, G. Thornley, J.C. Yee, M. Kubiak, G. Pietrzyński, I. Soszyński, O. Szewczyk, Ł. Wyrzykowski, K. Ulaczyk, R. Poleski, F. Abe, D.P. Bennett, C.S. Botzler, D. Douchin, M. Freeman, A. Fukui, K. Furusawa, J.B. Hearnshaw, S. Hosaka, Y. Itow, K. Kamiya, P.M. Kilmartin, A. Korpela, W. Lin, C.H. Ling, S. Makita, K. Masuda, Y. Matsubara, N. Miyake, Y. Muraki, M. Nagaya, K. Nishimoto, K. Ohnishi, T. Okumura, Y.C. Perrott, L. Philpott, N. Rattenbury, To. Saito, T. Sako, D.J. Sullivan, W. L. Sweatman, P.J. Tristram, E. von Seggern, P.C.M. Yock, M. Albrow, V. Batista, J.-P. Beaulieu, S. Brilliant, J. Caldwell, J.J. Calitz, A. Cassan, A. Cole, K. Cook, C. Coutures, S. Dieters, D. Dominis Prester, J. Donatowicz, P. Fouqué, K. Hill, M. Hoffman, F. Jablonski, S.R. Kane, N. Kains, D. Kubas, J.-B. Marquette, R. Martin, E. Martioli, P. Meintjes, J. Menzies, E. Pedretti, K. Pollard, K.C. Sahu, C. Vinter, J. Wambsganss, R. Watson, A. Williams, M. Zub, A. Allan, M. F. Bode, D.M. Bramich, M. J. Burgdorf, N. Clay, S. Fraser, E. Hawkins, K. Horne, E. Kerins, T.A. Lister, C. Mottram, E. S. Saunders, C. Snodgrass, I.A. Steele, Y. Tsapras, U.G. Jørgensen, T. Anguita, V. Bozza, S. Calchi Novati, K. Harpsøe, T.C. Hinse, M. Hundertmark, P. Kjærgaard, C. Liebig, L. Mancini, G. Masi, M. Mathiasen, S. Rahvar, D. Ricci, G. Scarpetta, J. Southworth, J. Surdej, C. C. Thöne
- Journal: The Astrophysical Journal, v720, p1073-1089
- Authorship: Coauthor
- Publish date: 09/10/2010

**107. "OGLE-2008-BLG-290: An Accurate Measurement of the Limb Darkening of a Galactic Bulge K Giant Spatially Resolved by Microlensing"**

- Authors: P. Fouqué, D. Heyrovsky, S. Dong, A. Gould, A. Udalski, M.D. Albrow, V. Batista, J.-P. Beaulieu, D.P. Bennett<sup>1</sup>, I.A. Bond, D.M. Bramich, S. Calchi Novati, A. Cassan, C. Coutures, S. Dieters, M. Dominik, D. Dominis Prester, J. Greenhill, K. Horne, U.G. Jørgensen, S. Kozłowski, D. Kubas, C.-H. Lee, J.-B. Marquette, M. Mathiasen, J. Menzies, L.A.G. Monard, S. Nishiyama, I. Papadakis, R. Street, T. Sumi, A. Williams, J.C. Yee, S. Brilliant, J.A.R. Caldwell, A. Cole, K.H. Cook, J. Donatowicz, N. Kains, S.R. Kane, R. Martin, K.R. Pollard, K.C. Sahu, Y. Tsapras, J. Wambsganss, M. Zub, D.L. DePoy, B.S. Gaudi, **C. Han**, C.-U. Lee, B.-G. Park, R.W. Pogge, M. Kubiak, M.K. Szymanski, G. Pietrzyński, I. Soszyński, O. Szewczyk, K. Ulaczyk, Ł. Wyrzykowski, F. Abe, A. Fukui, K. Furusawa, A.C. Gilmore, J.B. Hearnshaw, Y. Itow, K. Kamiya, P.M. Kilmartin, A.V. Korpela, W. Lin, C.H. Ling, K. Masuda, Y. Matsubara, N. Miyake, Y. Muraki, M. Nagaya, K. Ohnishi, T. Okumura, Y. Perrott, N.J. Rattenbury, To. Saito, T. Sako, S. Sato, L. Skuljan, D. Sullivan, W. Sweatman, P.J. Tristram, P.C.M. Yock, A. Allan, M.F. Bode, M.J. Burgdorf, N. Clay, S.N. Fraser, E. Hawkins, E. Kerins, T.A. Lister, C.J. Mottram, E.S. Saunders, C. Snodgrass, I.A. Steele, P.J. Wheatley, T. Anguita, V. Bozza, K. Harpsøe, T.C. Hinse, M. Hundertmark, P.Kargaard, C. Liebig, L. Mancini, G. Masi, S. Rahvar, D. Ricci, G. Scarpetta, J. Southworth, J. Surdej, C.C. Thone, Riffeser, S. Seitz, R. Bender
- Journal: Astronomy & Astrophysics, v518, pA51
- Authorship: Coauthor
- Publish date: 09/01/2010

**106. "Correlations Between Planetary Microlensing Parameters"**

- Authors: **Han C.**, Hwang K.-H., & Ryu, Y.-H.
- Journal: The Astrophysical Journal, v720, p409-414
- Authorship: First author
- Publish date: 09/01/2010

**105. "Determining the Physical Lens Parameters of the Gravitational Microlensing Event MOA-2009-BLG-016"**

- Authors: K.-H. Hwang, **C. Han**, I.A. Bond, N. Miyake, F. Abe, D.P. Bennett, C.S. Botzler, A. Fukui, K. Furusawa, F. Hayashi, J.B. Hearnshaw, S. Hosaka, Y. Itow, K. Kamiya, P.M. Kilmartin, A. Korpela, W. Lin, C.H. Ling, S. Makita, K. Masuda, Y. Matsubara, Y. Muraki, K. Nishimoto, K. Ohnishi, Y.C. Perrott, N. Rattenbury, To. Saito, T. Sako, L. Skuljan, D.J. Sullivan, T. Sumi, D. Suzuki, W.L. Sweatman, P.J. Tristram, K. Wada, P.C.M. Yock
- Journal: The Astrophysical Journal, v717, p435-440
- Authorship: Corresponding author
- Publish date: 7/01/2010

**104. "Masses and Orbital Constraints for the OGLE-2006-BLG-109Lb,c Jupiter/Saturn Analog Planetary System"**

- Authors: Bennett D.P., Rhie S.H., Nikolaev S., Gaudi B.S., Udalski A., Gould A., Christie G.W., Maoz D., Dong S., McCormick J., Szymański M.K., Tristram P.J., Macintosh B., Cook K.H., Kubiak M., Pietrzyński G., Soszyński I., Szewczyk O., Ulaczyk K., Wyrzykowski Ł., DePoy D.L., **Han C.**, Kaspi S., Lee C.-U., Mallia F., Natusch T., Park B.-G., Pogge R.W., Polishook D., Abe F., Bond I.A., Botzler C.S., Fukui A., Hearnshaw J.B., Itow Y., Kamiya K., Korpela A.V., Kilmartin P.M., Lin W.,

- Ling J., Masuda K., Matsubara Y., Motomura M., Muraki Y., Nakamura S., Okumura T., Ohnishi K., Perrott Y.C., Rattenbury N.J., Sako T., Saito To., Sato S., Skuljan L., Sullivan D.J., Sumi T., Sweatman W.L., Yock P.C.M., Albrow M., Allan A., Beaulieu J.-P., Bramich D.M., Burgdorf M.J., Coutures C., Dominik M., Dieters S., Fouqué P., Greenhill J., Horne K., Snodgrass C., Steele I., Tsapras Y., Chaboyer B., Crocker A., Frank S.,
- Journal: *The Astrophysical Journal*, v713, p837-855
  - Authorship: Coauthor
  - Publish date: 4/20/1010
- 103. "Chemical Evolution of the Galactic Bulge as Traced by Microlensed Dwarf and Subgiant Stars? II. Ages, Metallicities, Detailed Elemental Abundances, and Connections to the Galactic Thick Disc"**
- Authors: T. Bensby, S. Feltzing, J.A. Johnson, A. Gould, D. Aden, M. Asplund, J. Melendez, A. Gal-Yam, S. Lucatello, H. Sana1, T. Sumi, N. Miyake, D. Suzuki, **C. Han**, I. Bond, A. Udalski
  - Journal: *Astronomy & Astrophysics*, v512, p41-58
  - Authorship: Coauthor
  - Publish date: 3/15/2010
- 102. "Sub-Saturn Planet MOA-2008-BLG-310Lb: Likely to be in the Galactic Bulge"**
- Authors: Janczak J., Fukui A., Dong S., Monard L.A.G., Kozłowski S., Gould A., Beaulieu J.P., Kubas D., Marquette J.B., Sumi T., Bond I.A., Bennett D.P., Abe F., Furusawa K., Hearnshaw J.B., Hosaka S., Itow Y., Kamiya K., Korpela A.V., Kilmartin P.M., Lin W., Ling C.H., Makita S., Masuda K., Matsubara Y., Miyake N., Muraki Y., Nagaya M., Nagayama T., Nishimoto K., Ohnishi K., Perrott Y.C., Rattenbury N.J., Sako T., Saito To., Skuljan L., Sullivan D.J., Sweatman W.L., Tristram P.J., Yock P.C.M., An J.H., Christie G.W., Chung S.-J., DePoy D.L., Gaudi B.S., **Han C.**, Lee C.-U., Mallia F., Natusch T., Park B.-G., Pogge R.W., Anguita T., Calchi Novati S., Dominik M., Jørgensen U.G., Masi G., Mathiasen M., Batista V., Brilliant S., Cassan A., Cole A., Corrales E., Coutures Ch., Dieters S., Fouqué P., Greenhill J.
  - Journal: *The Astrophysical Journal*, v711, p731-743
  - Authorship: Coauthor
  - Publish date: 3/10/2010
- 101. "A Cold Neptune-Mass Planet OGLE-BLG-2007-368Lb: Cold Neptunes Are Common"**
- Authors: Sumi T., Bennett D.P., Bond I.A., Udalski A., Batista V., Dominik M., Fouqué P., Kubas D., Gould A., Macintosh B., Cook K., Dong S., Skuljan L., Cassan A., Abe F., Botzler C.S., Fukui A., Furusawa K., Hearnshaw J.B., Itow Y., Kamiya K., Kilmartin P.M., Korpela A., Lin W., Ling C.H., Masuda K., Matsubara Y., Miyake N., Muraki Y., Nagaya M., Nagayama T., Ohnishi K., Okumura T., Perrott Y.C., Rattenbury N., Saito To., Sako T., Sullivan D.J., Sweatman W.L., Tristram P.J., Yock P.C.M., Beaulieu J.P., Cole A., Coutures Ch., Duran M.F., Greenhill J., Jablonski F., Marboeuf U., Martioli E., Pedretti E., Pejcha O., Rojo P., Albrow M.D., Brilliant S., Bode M., Bramich D.M., Burgdorf M.J., Caldwell J.A.R., Calitz H., Corrales E., Dieters S., Dominis Prester D., Donatowicz J., Hill K., Hoffman M., Horne K., Jørgensen U.G., Kains N., Kane S., Marquette J.B., Martin R., Meintjes P., Menzies J., Pollard K.R., Sahu K.C., Snodgrass C., Steele I., Street R., Tsapras Y., Wambsgans J., Williams A., Zub M., Szymański M.K., Kubiak M., Pietrzyński G., Soszyński I., Szweczyk O., Wyrzykowski Ł., Ulaczyk K., Allen, W., Christie G.W., DePoy D.L., Gaudi B.S., **Han C.**, Janczak J., Lee C.-U., McCormick J., Mallia F., Monard B., Natusch T., Park B.-G., Pogge R.W., Santaló R.
  - Journal: *The Astrophysical Journal*, v710, p1641-1653
  - Authorship: Coauthor
  - Publish date: 2/20/2010
- 100. "Characterization of Stellar Spots in Next-Generation Microlensing Surveys"**
- Authors: Hwang, K.-H., **Han, C.**
  - Journal: *The Astrophysical Journal*, v709, p327-331
  - Authorship: Corresponding author
  - Publish date: 1/20/2010

## 2009 (12 papers)

- 99. "Mass Measurement of a Single Unseen Star and Planetary Detection Efficiency for OGLE-2007-BLG-050"**
- Authors: Batista V., Dong S., Gould A., Beaulieu J.P., Cassan A., Christie G.W., **Han, C.**, Udalski A., Allen, W., Depoy D.L., Gal-Yam A., Gaudi B.S., Johnson B., Kaspi S., Lee C.U., Maoz D., McCormick J., McGreer I., Monard B., Natusch T., Ofek E., Park B.-G., Pogge R.W., Polishook D., Shporer A., Albrow M.D., Bennett D.P., Brilliant S., Bode M., Bramich D.M., Burgdorf M., Caldwell, J.A.R., Calitz H., Cole A., Cook K.H., Coutures Ch., Dieters S., Dominik M., Prester D.D., Donatowicz J., Fouqué P., Greenhill J., Hoffman M., Horne K., Jørgensen U.G., Kains N., Kane S., Kubas D., Marquette J.B., Martin R., Meintjes P., Menzies J., Pollard K.R., Sahu K.C., Snodgrass C., Steele I., Tsapras Y., Wambsgans J., Williams A., Zub M., Wyrzykowski Ł., Kubiak M., Szymański M.K., Pietrzyński G., Soszyński I., Szweczyk O., Ulaczyk K., Abe F., Bond I.A., Fukui A., Furusawa K., Hearnshaw J.B., Holderness S., Itow Y., Kamiya K., Kilmartin P.M., Korpela A., Lin W., Ling C.H., Masuda K., Matsubara Y., Miyake N., Muraki Y., Nagaya M., Ohnishi K., Okumura T.,

- Perrott Y.C., Rattenbury N., Saito T., Sako T., Skuljan L., Sullivan D., Sumi T., Sweatman W. L., Tristram P.J., Yock P.C.M
- Journal: *Astronomy & Astrophysics*, v508, p467-478
  - Authorship: Coauthor
  - Publish date: 12/??/2009
- 98. "The Importance of Binary Gravitational Microlensing Events Through High-Magnification Channel"**
- Authors: **Han, C.**, & Hwang K.-H.
  - Journal: *The Astrophysical Journal*, v707, p1264-1268
  - Authorship: First author
  - Publish date: 12/20/2009
- 97. "Interpretation of Strong Short-Term Perturbations in the Light Curves of Moderate-Magnification Microlensing Events"**
- Authors: **Han C.**, K.-H. Hwang, D. Kim, A. Udalski, F. Abe, L.A.B. Monard, J. McCormick, M.K. Szymanski, M. Kubiak, G. Pietrzynski, I. Soszynski, O. Szewczyk, L. Wyrzykowski, K. Ulaczyk, I.A. Bond, C.S. Botzler, A. Fukui, K. Furusawa, J.B. Hearnshaw, Y. Itow, K. Kamiya, P.M. Kilmartin11, A. Korpela, W. Lin, C.H. Ling, K. Masuda, Y. Matsubara, N. Miyake, Y. Muraki1, M. Nagaya, K. Ohnishi1, T. Tokumura, Y.C. Perrott, N. Rattenbury, To. Saito, T. Sako, L. Skuljan, D.S. Sullivan, T. Sumi, W.L. Sweatman, P.J. Tristram11, P.C.M. Yock, W. Allen, G.W. Christiel, D. L. DePoy, S. Dong, B.S. Gaudi, A. Gould, C.-U. Lee, T. Natusch, B.-G. Park, R.W. Pogge, M. D. Albrow, A. Allan, V. Batista, J.P. Beaulieu, D.P. Bennett, S. Brilliant, M. Bode, D.M. Bramich, M. Burgdorf, J.A.R. Caldwell, H. Calitz, A. Cassan, E. Corrales, S. Dieters, D.D. Prester, M. Dominik, J. Donatowicz, P. Fouque, J. Greenhill, K. Hill, M. Hoffman, K. Horne, U.G. Jørgensen, N. Kains, D. Kubas, J. B. Marquette, R. Martin, P. Meintjes, J. Menzies, K.R. Pollard10, K.C. Sahu, C. Snodgrass, I. Steele, R. Street, Y. Tsapras, J. Wambsganss, A. Williams, M. Zub
  - Journal: *The Astrophysical Journal*, v705, p1116-1121
  - Authorship: First author
  - Publish date: 11/10/2009
- 96. "Extreme Magnification Microlensing Event OGLE-2008-BLG-279: Strong Limits on Planetary Companions to the Lens Star"**
- Authors: Yee J.C., Udalski A., Sumi T., Dong S., Kozłowski S., Bird J.C., Cole A., Higgins D., McCormick J., Monard L. A.G., Polishook D., Shporer A., Spector O., Szymański M.K., Kubiak M., Pietrzyński G., Soszyński I., Szewczyk O., Ulaczyk K., Wyrzykowski L., Poleski R., Allen W., Bos M., Christie G.W., DePoy D.L., Eastman J.D., Gaudi B.S., Gould A., **Han C.**, Kaspi S., Lee C.-U., Mallia F., Maury A., Maoz D., Natusch T., Park B.-G., Pogge R.W., Santalito R., Abe F., Bond I.A., Fukui A., Furusawa K., Hearnshaw J.B., Hosaka S., Itow Y., Kamiya K., Korpela A.V., Kilmartin P.M., Lin W., Ling C.H., Makita S., Masuda K., Matsubara Y., Miyake N., Muraki Y., Nagaya M., Nishimoto K., Ohnishi K., Perrott Y.C., Rattenbury N.J., Sako T., Saito To., Skuljan L., Sullivan D.J., Sweatman W.L., Tristram P.J., Yock P.C.M., Albrow M.D., Batista V., Fouqué P., Beaulieu J.-P., Bennett D.P., Cassan A., Comparat J., Coutures C., Dieters S., Greenhill J., Horne K., Kains N., Kubas D., Martin R., Menzies J., Wambsganss J., Williams A., Zub M.
  - Journal: 2009, *The Astrophysical Journal*, v703, p2082-2090
  - Authorship: Coauthor
  - Publish date: 10/01/2009
- 95. "Characterization of Microlensing Planets with Moderately Wide Separations"**
- Authors: **Han C.**
  - Journal: *The Astrophysical Journal* , v700, p945-948
  - Authorship: 1<sup>st</sup> author
  - Publish date: 8/01/2009
- 94. "OGLE-2009-BLG-076S: The Most Metal-Poor Dwarf Star in the Galactic Bulge"**
- Authors: Bensby T., Feltzing S., Johnson J.A., Gal-Yam A., Udalski A., Gould A., **Han C.**, Adén D., Simmerer J.
  - Journal: *The Astrophysical Journal Letters*, v699, pL174-L177
  - Authorship: Coauthor
  - Publish date: 7/10/2009
- 93. "The Extreme Microlensing Event OGLE-2007-BLG-224: Terrestrial Parallax Observation of a Thick-Disk Brown Dwarf"**
- Authors: Gould A., Udalski A., Monard B., Horne K., Dong S., Miyake N., Sahu K., Bennett D.P., Wyrzykowski L., Soszyński I., Szymański M.K., Kubiak M., Pietrzyński G., Szewczyk O., Ulaczyk K., Allen W., Christie G. W., DePoy D.L., Gaudi B.S., **Han C.**, Lee C.-U., McCormick J., Natusch T., Park B.-G., Pogge R.W., Allan A., Bode M.F., Bramich D.M., Burgdorf M.J., Dominik M., Fraser S.N., Kerins E., Mottram C., Snodgrass C., Steele I.A., Street R., Tsapras Y., Abe F., Bond I.A., Botzler C.S., Fukui A., Furusawa K., Hearnshaw J.B., Itow Y., Kamiya K.; Kilmartin P.M., Korpela A., Lin W., Ling C.H., Masuda K., Matsubara Y., Muraki Y., Nagaya M., Ohnishi K., Okumura T., Perrott Y.C., Rattenbury N., Saito To., Sako T., Skuljan L., Sullivan D.J., Sumi T., Sweatman W.L., Tristram P.J., Yock P.C.M., Albrow M., Beaulieu J.P., Coutures C., Calitz H., Caldwell J., Fouque P., Martin R., Williams A.
  - Journal: *The Astrophysical Journal Letters*, v698, pL147-L151

- Authorship: Coauthor
- Publish date: 6/20/2009

**92. "Microlensing Event MOA-2007-BLG-400: Exhuming the Buried Signature of a Cool Jovian-Mass Planet"**

- Authors: D. Subo, I. A. Bond, A. Gould, S. Kozłowski, N. Miyake, B. S. Gaudi, D. P. Bennett, F. Abe, A. C. Gilmore, A. Fukui, K. Furusawa, J. B. Hearnshaw, Y. Itow, K. Kamiya, P. M. Kilmartin, A. Korpela, W. Lin, C. H. Ling, K. Masuda, Y. Matsubara, Y. Muraki, M. Nagaya, K. Ohnishi, T. Okumura, Y. C. Perrott11, N. Rattenbury, To. Saito, T. Sako, S. Sato, L. Skuljan, D. J. Sullivan, T. Sumi, W. Sweatman, P. J. Tristram, P. C. M. Yock, G. Bolt, G. W. Christie, D. L. DePoy, **C. Han**, J. Janczak, C.-U. Lee, F. Mallia, J. McCormick, B. Monard, A. Maury, T. Natusch, B.-G. Park, R. W. Pogge, R. Santallo, K. Z. Stanek, A. Udalski, M. Kubiak, M. K. Szymanski, G. Pietrzynski, I. Soszynski, O. Szewczyk, Ł. Wyrzykowski, K. Ulaczyk
- Journal: The Astrophysical Journal, v698, p1826-1837
- Authorship: Coauthor
- Publish date: 6/20/2009

**91. "OGLE-2005-BLG-071Lb, the Most Massive M-Dwarf Planetary Companion?"**

- Authors: Subo Dong, Andrew Gould, Andrzej Udalski, Jay Anderson, G. W. Christie, B. S. Gaudi, M. Jaroszyński, M. Kubiak, M. K. Szymański, G. Pietrzyński, I. Soszyński, O. Szewczyk, K. Ulaczyk, Ł. Wyrzykowski, D. L. DePoy, D. B. Fox, A. Gal-Yam, **C. Han**, S. Lépine, J. McCormick, E. Ofek, B.-G. Park, R. W. Pogge, F. Abe, D. P. Bennett, I. A. Bond, T. R. Britton, A. C. Gilmore, J. B. Hearnshaw, Y. Itow, K. Kamiya, P. M. Kilmartin, A. Korpela, K. Masuda, Y. Matsubara, M. Motomura, Y. Muraki, S. Nakamura, K. Ohnishi, C. Okada, N. Rattenbury, To. Saito, T. Sako, M. Sasaki, D. Sullivan, T. Sumi, P. J. Tristram, T. Yanagisawa, P. C. M. Yock, T. Yoshoka, M. D. Albrow, J. P. Beaulieu, S. Brilliant, H. Calitz, A. Cassan, K. H. Cook, Ch. Coutures, S. Dieters, D. Dominis Prester, J. Donatowicz, P. Fouqué, J. Greenhill, K. Hill, M. Hoffman, K. Horne, U. G. Jørgensen, S. Kane, D. Kubas, J. B. Marquette, R. Martin, P. Meintjes, J. Menzies, K. R. Pollard, K. C. Sahu, C. Vinter, J. Wambsganss, A. Williams, M. Bode, D. M. Bramich, M. Burgdorf, C. Snodgrass, I. Steele; Vanessa Doublier, Cedric Foellmi
- Journal: 2009, The Astrophysical Journal, v695, p970-987
- Authorship: Author
- Publish date: 4/20/2009

**90. "Planetary Lensing Signals of High-Magnification Events under Severe Finite-Source Effect"**

- Authors: **Han C.**, & Kim D.
- Journal: The Astrophysical Journal, v693, p1835-1839
- Authorship: First author
- Publish date: 3/10/2009

**89. "Distinguishing between Planetary and Binary Interpretations of Microlensing Central Perturbations under Severe Finite-Source Effect"**

- Authors: **Han C.**
- Journal: The Astrophysical Journal Letters, v691, pL9-L12
- Authorship: First author
- Publish date: 1/9/2009

**88. "Microlensing Zone of Planets Detectable through the Channel of High-Magnification Events"**

- Authors: **Han C.**
- Journal: The Astrophysical Journal, v691, p452-457
- Authorship: First author
- Publish date: 1/20/2009

**2008 (8 papers)**

**87. "Limits in Binaries that can be Characterized by Gravitational Microlensing"**

- Authors: Kim D., Ryu Y.-H., Park B.-G., Chang H.-Y., Hwang K.-H., Chung S.-J., Lee C.-U., **Han C.**,
- Journal: Astrophysical Journal, v689, p1084-1088
- Authorship: Corresponding author
- Publish date: 12/20/2008

**86. "A Characteristic Planetary Feature in Double-Peak High-Magnification Microlensing Events"**

- Authors: **Han C.** & Gaudi B.S.
- Journal: The Astrophysical Journal, v689, p53-58
- Authorship: First author
- Publish date: 12/10/2008

**85. "Microlensing Detections of Moons of Exoplanets"**

- Authors: **Han C.**
- Journal: The Astrophysical Journal, v684, p684-690
- Authorship: First author

- Publish date: 9/1/2008

**84. "Near-Field Microlensing from Wide-Field Surveys"**

- Authors: Han C.
- Journal: The Astrophysical Journal, v681, p806-813
- Authorship: First author
- Publish date: 06/30/2008

**83. "Color-Shift Measurement in Microlensing-Induced Stellar Variation from Future Space-Based Surveys"**

- Authors: Park B.-G., & Han C.
- Journal: The Astrophysical Journal, v678, p669-673
- Authorship: Corresponding author
- Publish date: 05/20/2008

**82. "Microlensing Search for Planets with Two Simultaneously Suns"**

- Authors: Han C.
- Journal: The Astrophysical Journal Letters, v676, pL53-L56
- Authorship: First author
- Publish date: 3/20/2008

**81. "Discovery of a Jupiter/Saturn Analog with Gravitational Microlensing"**

- Authors: Gaudi B.S., Bennett D.P., Udalski A., Gould A., Christie G.W., Maoz D., Dong D., McCormick J., Szymanski M.K., Tristram P.J., Nikolaev S., Paczynski B., Kubiak Y.M., Pietrzynski G., Soszynski I., Szweczyk O., Ulaczyk K., Wyrzykowski L., DePoy D.L., Han C., Kaspi S., Lee C.-U., Mallia F., Natusch T., Pogge R.W., Park B.-G., Abe F., Bond I.A., Botzler C.S., Fukui A., Hearnshaw J.B., Itow Y., Kamiya K., Korpela A.V., Kilmartin P.M., Lin W., Masuda K., Matsubara Y., otomura M., Muraki Y., Nakamura S., Okumura T., Ohnishi K., Rattenbury N.J., Sako T., Saito T., Sato S., Skuljan L., Sullivan D.J., Sumi T., Sweatman W.L., Yock P.C.M., Albrow M., Allan A., Beaulieu J.-P., Burgdorf M.J., Cook K.H., Coutures C., Dominik M., Dieters S., Fouque P., Greenhill J., Horne K., Steele I., Tsapras Y., Chaboyer B., Crocker A., Frankl S., & Macintosh B.
- Journal: Science, v319, p927-930
- Authorship: Coauthor
- Publish date: 02/15/2008

**80. "Microlensing Detections of Planets in Binary Stellar Systems"**

- Authors: Lee D.-W., Lee C.-U., Park B.-G., Chung S.-J., Kim Y.-S., Kim H.-I., Han C.
- Journal: The Astrophysical Journal, v672, p623-628
- Authorship: Corresponding author
- Publish date: 01/01/2008

**2007 (5 papers)**

**79. "Expansion of Planet Detection Methods in the Next-Generation Microlensing Surveys"**

- Authors: Han C.
- Journal: The Astrophysical Journal, v670, p1361
- Authorship: 1<sup>st</sup> author
- Publish date: 12/01/2007

**78. "Detection of M31 Binaries via High-Cadence Pixel-Lensing Surveys"**

- Authors: Kim D., Chung S.-J., Darnley M.J., Duke J.P., Gould A., Han C., Ibrahimov M.A., Im M.-S., Jeon Y.-B., Karimov R., Kerins E., Lee C.-U., Newsam A., & Park B.-G.
- Journal: The Astrophysical Journal, v666, p236-241
- Authorship: Corresponding author
- Publish date: 09/01/2007

**77. "Criteria in the Selection of Target Events for Planetary Microlensing Follow-Up Observations"**

- Authors: Han C.
- Journal: The Astrophysical Journal, v661, p1202-1207
- Authorship: 1<sup>st</sup> author
- Publish date: 06/01/2007

**76. "The Angstrom Project Alert System: Real-Time Detection of Extragalactic Microlensing"**

- Authors: Darnley M.J., Kerins E., Newsam A., Duke J.P., Gould A., Han C., Ibrahimov M.A., Im M.-S., Jeon Y.-B., Karimov R., Lee C.-U., & Park B.-G.
- Journal: The Astrophysical Journal Letters, v661, pL45-L48
- Authorship: Coauthor
- Publish date: 05/20/2007

**75. "Investigating Binary Properties with Next-Generation Microlensing Surveys"**

- Authors: Han C.

- Journal: The Astrophysical Journal, v656, p456-461
- Authorship: First author
- Publish date: 02/10/2007

#### 2006 (9 papers)

##### 74. "Blending in Future Space-Based Microlensing Surveys"

- Authors: **Han C.**, Park B.-G., Kim H.-I., & Chang K.
- Journal: The Astrophysical Journal, v653, p963-968
- Authorship: First author
- Publish date: 12/20/2006

##### 73. "The Possibility of Detecting Planets in the Andromeda Galaxy"

- Authors: Chung S.-J., Kim D., Darnley M.J., Duke J.P., Gould A., **Han C.**, Jeon Y.-B., Kerins E., Newsam A., & Park B.-G.
- Journal: 2006, The Astrophysical Journal, v650, p432-437
- Authorship: Corresponding author
- Publish date: 10/10/2006

##### 72. "Determination of Stellar Ellipticities in Future Microlensing Surveys"

- Authors: **Han C.**, & Chang H.-Y.
- Journal: The Astrophysical Journal, v645, p271-276
- Authorship: First author
- Publish date: 07/1/2006

##### 71. "Secure Identification of Free-Floating Planets"

- Authors: **Han C.**
- Journal: The Astrophysical Journal, v644, p1232-1236
- Authorship: First author
- Publish date: 06/20/2006

##### 70. "OGLE-2005-BLG-169Lb: Cool Ice-Giant Microlensing Planet Implies Neptunes Are Common"

- Authors: Gould A., Udalski A., An D., Bennett D.P., Zhou A.-Y., Dong S., Rattenbury N.J., Gaudi B.S., Yock D.C.M., Bond I.A., Christie G.W., Horne K.D., Anderson J., Stanek K., DePoy D.L., **Han C.**, McComic J., Park B.-G., Pogge R.W., Poindexter S.D., Soszynski I., Szymanski M.K., Kubiak M., Pietrzynski G., Szewczyk O., Bramich D.M., Snodgrass C., Steele I.A., Bode M.F., Burgdorf M.J., Botzler C.S., Mao S., & Swaving S.C.
- Journal: The Astrophysical Journal Letters, v644, pL37-L40
- Authorship: Coauthor
- Publish date: 06/10/2006

##### 69. "Microlensing Sensitivity to Earth-Mass Planets in the Habitable Zone"

- Authors: Park B.-G., Jeon Y.-B., Lee C., & **Han C.**
- Journal: The Astrophysical Journal, v643, p1233-1238
- Authorship: Corresponding author
- Publish date: 06/1/2006

##### 68. "Planetary Detection Efficiency of the Magnification 3000 Microlensing Event OGLE-2004-BLG-343"

- Authors: Dong, S., DePoy D.L., Gaudi B.S., **Han C.**, Park B.-G., Pogge R.W., Udalski A., Szewczyk O., Kubiak M., Szymanski M.K., Pietrzynski G., Soszynski I., Wyrzykowski L., & Zebrun K.
- Journal: The Astrophysical Journal, v642, p842-860
- Authorship: Coauthor
- Publish date: 05/10/2006

##### 67. "Properties of Planetary Caustics in Microlensing"

- Author: **Han C.**
- Journal: The Astrophysical Journal, v638, p1080-1085
- Authorship: First author
- Publish date: 02/20/2006

##### 66. "The Angstrom Project: A Microlensing Survey of the Structure and Composition of the Bulge of Andromeda Galaxy"

- Authors: Kerins E., Darnley M.J., Duke J.P., Gould A., & **Han C.**, Jeon Y.-B., Newsam A., Park B.-G.
- Journal: Monthly Notices of the Royal Astronomical Society, v365, p1099-1108
- Authorship: Coauthor
- Publish date: 02/1/2006

#### 2005 (6 papers)

**65. "On the Feasibility of Characterizing Bright Lens Stars in Future Space-Based Microlensing Surveys"**

- Authors: **Han C.**
- Journal: The Astrophysical Journal, v633, p414-417
- Authorship: First author
- Publish date: 11/1/2005

**64. "Effect of Binary Source Companions on the Microlensing Optical Determination toward the Galactic Bulge Field"**

- Authors: **Han C.**
- Journal: The Astrophysical Journal, v633, p410-413
- Authorship: First author
- Publish date: 11/1/2005

**63. "Properties of Central Caustics in Planetary Microlensing"**

- Authors: Chung S.-J., **Han C.**, Park B.-G., Kim D., Kang S., Ryu Y.-H., Kim K.M., Jeon Y.-B., Lee D.-W., Chang K., Lee W.-B., & Kang Y.H.
- Journal: The Astrophysical Journal, v630, p535-542
- Authorship: Corresponding author
- Publish date: 09/1/2005

**62. "Analysis of Microlensing Light Curves Induced by Multiple-Planet Systems"**

- Authors: **Han C.**
- Journal: The Astrophysical Journal, v629, p1102-1109
- Authorship: First author
- Publish date: 8/20/2005

**61. "A Jovian Mass Planet in Microlensing Event OGLE-2005-BLG-071"**

- Authors: Udalski A., Jaroszynski M., Paczynski B., Kubiak M., Szymanski M. K., Soszynski I., Pietrzynski G., Ulaczyk K., Szewczyk O., Wyrzykowski L., Christie G.W., DePoy D.L., Dong S., Gal-Yam A., Gaudi B.S., Gould A., **Han C.**, Lépine, S., McCormick J., Park B.-G., Pogge R.W., Bennett D.P., Bond I. A., Muraki Y., Tristram P.J., Yock P.C.M., Beaulieu J.-P., Bramich D.M., Dieters S. W., Greenhill J., Hill K., Horne K., & Kubas D.
- Journal: The Astrophysical Journal Letters, v628, pL109-L112
- Authorship: Coauthor
- Publish date: 08/1/2005

**60. "Microlensing Detection and Characterization of Wide-Separation Planets"**

- Authors: **Han C.**, Gaudi B.S., An J.H., & Gould A.
- Journal: The Astrophysical Journal, v618, p962-972
- Authorship: First author
- Publish date: 01/10/2005

**2004 (7 papers)**

**59. "OGLE-2003-BLG-262: Finite-Source Effects from a Point-Mass Lens"**

- Authors: Yoo J., Depoy D.L., Gal-Yam A., Gaudi B.S., Gould A., **Han C.**, Lipkin Y., Maoz D., Ofek E.O., Park B.-G., Pogge R.W., Udalski A., Soszynski I., Wyrzykowski L., Kubiak M., Szymanski M., Pietrzynski G., Szewczyk O., & Zebun K.
- Journal: 2004, The Astrophysical Journal, v603, p139-151
- Authorship: Coauthor
- Publish date: 03/1/2004

**58. "Gravitational Microlensing: A Tool for Detecting and Characterizing Free-Floating Planets"**

- Authors: **Han C.**, Chung S.-J., Kim D., Park B.-G., Ryu Y.-H., Kang S., & Lee D.
- Journal: 2004, The Astrophysical Journal, v604, p372-378
- Authorship: First author
- Publish date: 03/20/2004

**57. "MOA-2003-BLG-37: A Bulge Jerk-Parallax Microlens Degeneracy"**

- Authors: Park B.-G., DePoy D.L., Gaudi B.S., Gould A., **Han C.**, Furuta Y., Pogge R.W., Abe F., Bennett D.P., Bond I.A., Eguchi S., Hearnshaw J.B., Kamiya K., Kilmartin P.M., Kurata Y., Masuda K., Matsubara Y., Muraki Y., Noda S., Okajima K., Rattenbury N.J., Sako T., Sekiguchi T., Sullivan D.J., Sumi T., Tristram P.J., Yanagisawa T., & Yock P.C.M.
- Journal: 2004, The Astrophysical Journal, v609, p166-172
- Authorship: Coauthor
- Publish date: 07/1/2004

**56. "The Many Interpretations of Microlensing Event OGLE-2002-BLG-055"**

- Authors: Gaudi B.S., & **Han C.**
- Journal: 2004, The Astrophysical Journal, v611, p528-536
- Authorship: Coauthor



- Publish date: 08/10/2004

**55. "Potential First Single-Star Mass Measurement"**

- Author: Ghosh H., DePoy D.L., Gal-Yam A., Gaudi B.S., Gould A., **Han C.**, Lipkin Y., Maoz D., Ofek E.O., Park B.-G., Pogge R.W., Salim S., Abe F., Bennett D.P., Bond I.A., Eguchi S., Furuta Y., Hearnshaw J.B., Kamiya K., Kilmartin P.M., Kurata Y., Masuda K., Matsubara Y., Muraki Y., Noda S., Okajima K., Rattenbury N.J., Sako T., Sekiguchi T., Sullivan T.J., Sumi T., Tristram P.J., Yanagisawa T., York P.C.M., Udalski A., Soszynski I., Wyrzykowski L., Kubiak K., Szymanski M.K., Pietrzynski G., Szewczyk O., Zebun K., Albrow M.D., Beaulieu J.-P., Caldwell J.A.R., Cassan A., Coutures C., Dominik M., Donatowicz J., Fouque P., Greenhill J., Hill K., Horne K., Jorgensen U.G., Kane S., Kubas D., Martin R., Menzies J., Pollard K.R., Sahu K.C., Wambsganss J., Watson R., & Williams A.
- Journal: 2004, The Astrophysical Journal, v615, p450-459
- Authorship: Coauthor
- Publish date: 11/1/2004

**54. "Constraints on Planetary Companions in the Magnification A=256 Microlensing Event: OGLE-03-BLG-423"**

- Authors: Yoo J., DePoy D.L., Gal-Yam A., Gaudi B.S., Gould A., **Han C.**, Lipkin Y., Maoz D., Ofek E.O., Park B.-G., Pogge R.W., Szymanski M.K., Udalski A., Szewczyk O., Kubiak M., Zebun K., Pietrzynski G., Soszynski I., & Wyrzykowski L.
- Journal: 2004, The Astrophysical Journal, v616, p1204-1214
- Authorship: Coauthor
- Publish date: 12/1/2004

**53. "OGLE-2003-BLG-238: Microlensing Mass Estimate of an Isolated Star"**

- Authors: Guangfei J., DePoy D.L., Gal-Yam A., Gaudi B.S., Gould A., **Han C.**, Lipkin Y., Maoz D., Ofek E.O., Park B.-G., Pogge R.W., Udalski A., Kubiak M., Szymanski M.K., Szewczyk O., Zebun K., Wyrzykowski L., Soszynski I., Pietrzynski G., Albrow M.D., Beaulieu J.-P., Caldwell J.A.R., Cassan A., Coutures C., Dominik M., Donatowicz J., Fouque P., Greenhill J., Hill K., Horne K., Jorgensen S.F., Jorgensen U.G., Kane S., Kubas D., Martin R., Menzies J., Pollard K.R., Sahu K.C., Wambsganss J., Watson R., & Williams A.
- Journal: 2004, The Astrophysical Journal, v617, p1307-1315
- Authorship: Coauthor
- Publish date: 12/20/2004

**2003 (7 papers)**

**52. "Direct Lensing Image of Galactic Bulge Microlensing Events"**

- Authors: **Han C.**, & Chang H.-Y.
- Journal: 2003, Monthly Notices of the Royal Astronomical Society, v338, p637-642
- Authorship: First author
- Publish date: 01/1/2003

**51. "Angular Radii of Stars via Microlensing"**

- Authors: Gaudi B.S., Graff D.S., & **Han C.**
- Journal: 2003, The Astrophysical Journal, v586, p451-463
- Authorship: Coauthor
- Publish date: 03/20/2003

**50. "Probing Structures of Distant Extrasolar Planets with Microlensing"**

- Authors: Gaudi B.S., Chang H.-Y., & **Han C.**
- Journal: 2003, The Astrophysical Journal, v586, p527-539
- Authorship: Coauthor
- Publish date: 03/20/2003

**49. "Resolving the Microlens Mass Degeneracy for Earth-Mass Planets"**

- Authors: Gould A., Gaudi B.S., & **Han C.**
- Journal: 2003, The Astrophysical Journal Letters, v591, pL53-L56
- Authorship: Coauthor
- Publish date: 07/1/2003

**48. "Stellar Contribution to the Galactic Bulge Microlensing Optical Depth"**

- Authors & Journal: **Han C.**, & Gould A.
- Journal: 2003, The Astrophysical Journal, v592, p172-175
- Authorship: First author
- Publish date: 07/20/2003

**47. "Probing the Spatial Distribution of Extrasolar Planets with Gravitational Microlensing"**

- Authors: **Han C.**, & Kang Y.-W.
- Journal: 2003, The Astrophysical Journal, v596, p1320-1326

- Authorship: First author
- Publish date: 10/20/2003

**46. "Signs of Planetary Microlensing Signals"**

- Authors: **Han C.**, & Chang K.
- Journal: 2003, The Astrophysical Journal, v597, p1070-1075
- Authorship: First author
- Publish date: 11/10/2003

**2002 (7 papers)**

**45. "Properties of Planet-induced Deviations in the Astrometric Microlensing Centroid Shift Trajectory"**

- Authors: **Han C.**, & Lee C.
- Journal: 2002, Monthly Notices of the Royal Astronomical Society, v329, p163-174
- Authorship: First author
- Publish date: 01/1/2002

**44. "Astrometric Method to Break the Photometric Degeneracy between Binary-source and Planetary Microlensing Perturbations"**

- Authors: **Han C.**
- Journal: 2002, The Astrophysical Journal, v564, p1015-1018
- Authorship: First author
- Publish date: 01/10/2002

**43. "Astrometric Detection of Double Gravitational Microlensing Events"**

- Authors: **Han C.**, Park B.-G., Han W., & Kang Y.W.
- Journal: 2002, The Astrophysical Journal, v569, p446-450
- Authorship: First author
- Publish date: 04/10/2002

**42. "Effect of a Wide Binary Companion to the Lens on the Astrometric Behavior of Gravitational Microlensing Events"**

- Authors: An J.H., & **Han C.**
- Journal: 2000, The Astrophysical Journal, v573, p351-358
- Authorship: Coauthor
- Publish date: 07/1/2002

**41. "Astrometric Microlensing: a Channel to Detect Multiple Lens Systems"**

- Authors: **Han C.**
- Journal: 2002, Monthly Notices of the Royal Astronomical Society, v335, p189-194
- Authorship: First author
- Publish date: 09/1/2002

**40. "Variation of Spot-induced Anomalies in Caustic-crossing Binary Microlensing Event Light Curves"**

- Authors: Chang H.-Y., & **Han C.**
- Journal: 2002, Monthly Notices of the Royal Astronomical Society, v335, p195-200
- Authorship: Coauthor
- Publish date: 09/1/2002

**39. "On the Feasibility of Detecting satellites of Extrasolar Planets via Microlensing"**

- Authors: **Han C.**, & Han W.
- Journal: 2002, The Astrophysical Journal, v580, p490-493
- Authorship: First author
- Publish date: 11/20/2002

**2001 (7 papers)**

**38. "Color Change Measurements of Gravitational Microlensing Events Observed by Using the Difference Image Analysis Method"**

- Authors: **Han C.**, & Park S.-H.
- Journal: 2001, Monthly Notices of the Royal Astronomical Society, v320, p41-48
- Authorship: First author
- Publish date: 01/1/2001

**37. "Comparison of the Two Follow-up Observation Strategies for Gravitational Microlensing Planet Searches"**

- Authors: **Han C.**, & Kim Y.-G.
- Journal: 2001, The Astrophysical Journal, v546, p975-979
- Authorship: First author

- Publish date: 01/10/2001

**36. "Galactic Bulge Pixel Lensing Events"**

- Authors: **Han C.**
- Journal: 2001, The Astrophysical Journal, v556, p461-467
- Authorship: First author
- Publish date: 07/20/2001

**35. "On the Astrometric Behavior of Binary Gravitational Microlensing Events"**

- Authors: **Han C.**
- Journal: 2001, Monthly Notices of the Royal Astronomical Society, v325, p1281-1287
- Authorship: First author
- Publish date: 8/1/2001

**34. "Another Channel to Detect Close-in Binary Companions via Gravitational Microlensing"**

- Authors: Chang H.-Y., & **Han C.**
- Journal: 2001, Monthly Notices of the Royal Astronomical Society, v327, p397-402
- Authorship: Coauthor
- Publish date: 10/1/2001

**33. "The Effect of a Binary Source Companion on the Astrometric Microlensing Behaviour"**

- Authors: **Han C.**
- Journal: 2001, Monthly Notices of the Royal Astronomical Society, v328, p611-615
- Authorship: First author
- Publish date: 12/1/2001

**32. "Properties of Microlensing Light Curve Deviations Induced by Multiple Planets"**

- Authors: **Han C.**, Chang H.-Y., An J.H., & Chang, K.
- Journal: 2001, Monthly Notices of the Royal Astronomical Society, v328, p986-992
- Authorship: First author
- Publish date: 12/1/2001

**2000 (6 papers)**

**31. "Astrometric Parallax Measurements of Gravitational Microlensing Events"**

- Authors: **Han C.**, & Kim H.-I.
- Journal: 2000, The Astrophysical Journal, v528, p687-691
- Authorship: First author
- Publish date: 01/10/2000

**30. "On the Baseline Flux Determination of Microlensing Events Detectable with the Difference Image Analysis Method"**

- Authors: **Han C.**
- Journal: 2000, Monthly Notices of the Royal Astronomical Society, v312, p807-812
- Authorship: First author
- Publish date: 03/1/2000

**29. "Distribution of Caustic-crossing Intervals for Galactic Binary-lens Microlensing Events"**

- Authors: **Han C.**, Park S.-H., & Lee, Y.-S.
- Journal: 2000, Monthly Notices of the Royal Astronomical Society, v314, p59-64
- Authorship: First author
- Publish date: 05/1/2000

**28. "Chromaticity of Gravitational Microlensing Events"**

- Authors: **Han C.**, Park S.-H. & Jeong J.-H.
- Journal: 2000, Monthly Notices of the Royal Astronomical Society, v316, p97-102
- Authorship: First author
- Publish date: 07/1/2000

**27. "Detection of Stellar Spots from the Observations of Caustic-crossing Binary-lens Gravitational Microlensing Events"**

- Authors: **Han C.**, Park S.-H., Kim H.-I., & Chang K.
- Journal: 2000, Monthly Notices of the Royal Astronomical Society, v316, p665-670
- Authorship: First author
- Publish date: 08/1/2000

**26. "Astrometric Resolution of Severely Degenerate Binary Microlensing Events"**

- Authors: Gould A., & **Han C.**
- Journal: 2000, The Astrophysical Journal, v538, p653-656
- Authorship: Coauthor
- Publish date: 08/1/2000

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25. **"The Effect of Bright Lenses on the Astrometric Observation of Gravitational Microlensing Events"**
  - Authors: Jeong Y., **Han C.**, & Park S.-H.
  - Journal: 1999, The Astrophysical Journal, v511, p569-573
  - Authorship: Coauthor
  - Publish date: 02/1/1999
24. **"The Applicability of the Astrometric Method for Determining the Physical Parameters of Gravitational Microlenses"**
  - Authors: **Han C.**, & Chang K.
  - Journal: 1999, Monthly Notices of the Royal Astronomical Society, v304, p845-850
  - Authorship: First author
  - Publish date: 04/1/1999
23. **"An Additional Application of the Space Interferometry Mission to Gravitational Microlensing Experiments"**
  - Authors: **Han C.** & Kim T.-W.
  - Journal: 1999, Monthly Notices of the Royal Astronomical Society, v305, p795-801
  - Authorship: First author
  - Publish date: 05/1/1999
22. **"On the Intrinsic Bias in Detecting Caustic Crossings between Galactic halo and Self-Lensing Events in the Magellanic Clouds"**
  - Authors: **Han C.**
  - Journal: 1999, Monthly Notices of the Royal Astronomical Society, v308, p1077-1080
  - Authorship: First author
  - Publish date: 10/1/1999
21. **"Analytic Relations between the Observed Gravitational Microlensing Parameters with and without the Effect of Blending"**
  - Authors: **Han C.**
  - Journal: 1999, Monthly Notices of the Royal Astronomical Society, v309, p373-378
  - Authorship: First author
  - Publish date: 10/1/1999
20. **"Identification of Bright Lenses from the Astrometric Observations of Gravitational Microlensing Events"**
  - Authors: **Han C.**, & Jeong Y.
  - Journal: 1999, Monthly Notices of the Royal Astronomical Society, v309, p404-408
  - Authorship: First author
  - Publish date: 10/1/1999
19. **"Improved Detection Rates for Close Binaries via Astrometric Observations of Gravitational Microlensing Events"**
  - Authors: Chang K., & **Han C.**
  - Journal: 1999, The Astrophysical Journal, v525, p434-439
  - Authorship: Coauthor
  - Publish date: 11/1/1999
18. **"Astrometric Properties of Gravitational Binary-Microlensing Events and their Applications"**
  - Authors: **Han C.**, Chun M.-S., & Chang K.
  - Journal: 1999, The Astrophysical Journal, v526, p405-410,
  - Authorship: First author
  - Publish date: 11/20/1999

#### 1998 (6 papers)

17. **"A Comparison of the Intrinsic Shapes of Two Different Types of Dwarf Galaxies: Blue Compact Dwarfs and Dwarf Ellipticals"**
  - Authors: Sung, E.-C., **Han C.**, Ryden, B.S., Chun, M.-S., & Kim, H.-I.
  - Journal: 1998, The Astrophysical Journal, v499, p140-148
  - Authorship: Coauthor
  - Publish date: 05/20/1998
16. **"The Effect of Luminous Lens Blending in Gravitational Microlensing Experiments"**
  - Authors: **Han C.**
  - Journal: 1998, The Astrophysical Journal, v500, p569-574

- Authorship: First author
  - Publish date: 06/20/1998
15. **"The Intrinsic Shapes of Low-surface-brightness Dwarf Irregular Galaxies and Comparison to Other Types of Dwarf Galaxies"**
    - Authors: Sung, E.-C., **Han C.**, Ryden B.S., Patterson R.J., Chun M.-S., Kim H.-I., LeeW.-B., & Kim D.-J.
    - Journal: 1998, The Astrophysical Journal, v505, p199-206
    - Authorship: Coauthor
    - Publish date: 09/20/1998
  14. **"An Inventory of Gravitational Microlenses toward the Galactic Bulge"**
    - Authors: **Han C.**, & Chang K.
    - Journal: 1998, Monthly Notices of the Royal Astronomical Society, v299, p1040-1046
    - Authorship: First author
    - Publish date: 10/1/1998
  13. **"Observational Evidence for the Effect of Amplification Bias in Gravitational Microlensing Experiments"**
    - Authors: **Han C.**, Jeong Y., & Kim H.-I.
    - Journal: 1998, The Astrophysical Journal, v507, p102-107
    - Authorship: First author
    - Publish date: 11/1/1998
  12. **"Where Are the Binary Source Gravitational Microlensing Events? II"**
    - Authors: **Han C.**, & Jeong Y.
    - Journal: 1998, Monthly Notices of the Royal Astronomical Society, v301, p231-234
    - Authorship: First author
    - Publish date: 11/1/1998

#### 1997 (3 papers)

11. **"Einstein Ring Radii from Binary Source Events"**
  - Authors: **Han C.**, & Gould A.
  - Journal: 1997, The Astrophysical Journal, v480, p196-202
  - Authorship: First author
  - Publish date: 05/1/1997
10. **"The Effect of Amplification Bias in Gravitational Microlensing Experiments"**
  - Authors: **Han C.**
  - Journal: 1997, The Astrophysical Journal, v484, p555-559
  - Authorship: First author
  - Publish date: 08/1/1997
9. **"Correcting for Blending Problem in Gravitational Microlensing Events by Using Hubble Space Telescope"**
  - Authors: **Han C.**
  - Journal: 1997, The Astrophysical Journal, v490, p51-55
  - Authorship: First author
  - Publish date: 11/20/1997

#### 1996 (4 papers)

8. **"Lunar Occultation of MACHOs"**
  - Authors: **Han C.**, Narayanan V.K., & Gould A.
  - Journal: 1996, The Astrophysical Journal, v461, p587-592
  - Authorship: First author
  - Publish date: 04/20/1996
7. **"Statistical Determination of MACHO Mass Spectrum"**
  - Authors: **Han C.**, & Gould A.
  - Journal: 1996, The Astrophysical Journal, v467, p540-545
  - Authorship: First author
  - Publish date: 08/20/1996
6. **"Pixel Lensing Experiment toward the M31 Bulge"**
  - Authors: **Han C.**,
  - Journal: 1996, The Astrophysical Journal, v472, p108-114
  - Authorship: First author

- Publish date: 11/20/1996

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- Authors: **Han C.**, & Gould A.
- Journal: 1996, The Astrophysical Journal, v473, p230-239
- Authorship: First author
- Publish date: 12/10/1996

**1995 (3 papers)**

4. **"The Orientation of Spin Vectors of Galaxies in the Ursa Major Filament"**

- Authors: **Han C.**, Gould A., & Sackett P.D.
- Journal: 1995, The Astrophysical Journal, v445, p46-54
- Authorship: First author
- Publish date: 05/20/1995

3. **"The Mass Spectrum of MACHOs from Parallax Measurement"**

- Authors: **Han C.**, & Gould A.
- Journal: 1995, The Astrophysical Journal, v447, p53-61
- Authorship: First author
- Publish date: 07/1/1995

2. **"Statistics of Microlensing Optical Depth"**

- Authors: **Han C.**, & Gould A.
- Journal: 1995, The Astrophysical Journal, v449, p521-526
- Authorship: First author
- Publish date: 08/20/1995

**1994 (1 paper)**

1. **"A Comparison of the Intrinsic Shapes of Globular Clusters in Four Different Galaxies"**

- Authors: **Han C.**, & Ryden B.S.
- Journal: 1994, The Astrophysical Journal, v433, p80-86
- Authorship: First author
- Publish date: 09/20/1994