

Martin Dominik

List of Publications by Year in descending order

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papers

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3500
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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Discovery of a cool planet of 5.5 Earth masses through gravitational microlensing. <i>Nature</i> , 2006, 439, 437-440. | 27.8 | 525 |
| 2 | One or more bound planets per Milky Way star from microlensing observations. <i>Nature</i> , 2012, 481, 167-169. | 27.8 | 475 |
| 3 | Discovery of a Jupiter/Saturn Analog with Gravitational Microlensing. <i>Science</i> , 2008, 319, 927-930. | 12.6 | 311 |
| 4 | FREQUENCY OF SOLAR-LIKE SYSTEMS AND OF ICE AND GAS GIANTS BEYOND THE SNOW LINE FROM HIGH-MAGNIFICATION MICROLENSING EVENTS IN 2005-2008. <i>Astrophysical Journal</i> , 2010, 720, 1073-1089. | 4.5 | 296 |
| 5 | A ring system detected around the Centaur (10199) Chariklo. <i>Nature</i> , 2014, 508, 72-75. | 27.8 | 230 |
| 6 | A COLD NEPTUNE-MASS PLANET OGLE-2007-BLG-368Lb: Cold neptunes are common. <i>Astrophysical Journal</i> , 2010, 710, 1641-1653. | 4.5 | 204 |
| 7 | High-precision photometry by telescope defocusing - I. The transiting planetary system WASP-5. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 396, 1023-1031. | 4.4 | 192 |
| 8 | First Microlens Mass Measurement: PLANET Photometry of EROS BLG-2000-5. <i>Astrophysical Journal</i> , 2002, 572, 521-539. | 4.5 | 167 |
| 9 | Detection of Rotation in a Binary Microlens: PLANET Photometry of MACHO 97-BLG-41. <i>Astrophysical Journal</i> , 2000, 534, 894-906. | 4.5 | 156 |
| 10 | MOA-2011-BLG-262Lb: A SUB-EARTH-MASS MOON ORBITING A GAS GIANT PRIMARY OR A HIGH VELOCITY PLANETARY SYSTEM IN THE GALACTIC BULGE. <i>Astrophysical Journal</i> , 2014, 785, 155. | 4.5 | 146 |
| 11 | MASSES AND ORBITAL CONSTRAINTS FOR THE OGLE-2006-BLG-109Lb,c JUPITER/SATURN ANALOG PLANETARY SYSTEM. <i>Astrophysical Journal</i> , 2010, 713, 837-855. | 4.5 | 145 |
| 12 | BINARY MICROLENSING EVENT OGLE-2009-BLG-020 GIVES VERIFIABLE MASS, DISTANCE, AND ORBIT PREDICTIONS. <i>Astrophysical Journal</i> , 2011, 738, 87. | 4.5 | 133 |
| 13 | MOA-2009-BLG-387Lb: a massive planet orbiting an M dwarf. <i>Astronomy and Astrophysics</i> , 2011, 529, A102. | 5.1 | 131 |
| 14 | Astrometric Microlensing of Stars. <i>Astrophysical Journal</i> , 2000, 534, 213-226. | 4.5 | 126 |
| 15 | Microlensing Constraints on the Frequency of Jupiter-Mass Companions: Analysis of 5 Years of PLANET Photometry. <i>Astrophysical Journal</i> , 2002, 566, 463-499. | 4.5 | 125 |
| 16 | THE EXTREME MICROLENSING EVENT OGLE-2007-BLG-224: TERRESTRIAL PARALLAX OBSERVATION OF A THICK-DISK BROWN DWARF. <i>Astrophysical Journal</i> , 2009, 698, L147-L151. | 4.5 | 124 |
| 17 | SUB-SATURN PLANET MOA-2008-BLG-310Lb: LIKELY TO BE IN THE GALACTIC BULGE. <i>Astrophysical Journal</i> , 2010, 711, 731-743. | 4.5 | 117 |
| 18 | DISCOVERY AND MASS MEASUREMENTS OF A COLD, 10 EARTH MASS PLANET AND ITS HOST STAR. <i>Astrophysical Journal</i> , 2011, 741, 22. | 4.5 | 117 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Relativistic deflection of background starlight measures the mass of a nearby white dwarf star. <i>Science</i> , 2017, 356, 1046-1050. | 12.6 | 108 |
| 20 | PATHWAY TO THE GALACTIC DISTRIBUTION OF PLANETS: COMBINED SPITZER AND GROUND-BASED MICROLENS PARALLAX MEASUREMENTS OF 21 SINGLE-LENS EVENTS. <i>Astrophysical Journal</i> , 2015, 804, 20. | 4.5 | 104 |
| 21 | Limb Darkening of a K Giant in the Galactic Bulge: PLANET Photometry of MACHO 97-BLG-28. <i>Astrophysical Journal</i> , 1999, 522, 1011-1021. | 4.5 | 102 |
| 22 | Combined Analysis of the Binary Lens Caustic-crossing Event MACHO 98-SMC-1. <i>Astrophysical Journal</i> , 2000, 532, 340-352. | 4.5 | 99 |
| 23 | RoboNet: Follow-up observations of microlensing events with a robotic network of telescopes. <i>Astronomische Nachrichten</i> , 2009, 330, 4-11. | 1.2 | 99 |
| 24 | PHYSICAL PROPERTIES OF THE 0.94-DAY PERIOD TRANSITING PLANETARY SYSTEM WASP-18. <i>Astrophysical Journal</i> , 2009, 707, 167-172. | 4.5 | 98 |
| 25 | SPITZER PARALLAX OF OGLE-2015-BLG-0966: A COLD NEPTUNE IN THE GALACTIC DISK. <i>Astrophysical Journal</i> , 2016, 819, 93. | 4.5 | 95 |
| 26 | THE FIRST CIRCUMBINARY PLANET FOUND BY MICROLENSING: OGLE-2007-BLG-349L(AB)c. <i>Astronomical Journal</i> , 2016, 152, 125. | 4.7 | 94 |
| 27 | Physical properties, transmission and emission spectra of the WASP-19 planetary system from multi-colour photometry.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 2-18. | 4.4 | 90 |
| 28 | High-precision photometry by telescope defocussing - II. The transiting planetary system WASP-4. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 399, 287-294. | 4.4 | 88 |
| 29 | PLANET Observations of Microlensing Event OGLE 999-BUL-23: Limb-darkening Measurement of the Source Star. <i>Astrophysical Journal</i> , 2001, 549, 759-769. | 4.5 | 87 |
| 30 | Realisation of a fully-deterministic microlensing observing strategy for inferring planet populations. <i>Astronomische Nachrichten</i> , 2010, 331, 671-691. | 1.2 | 87 |
| 31 | MICROLENSING DISCOVERY OF A TIGHT, LOW-MASS-RATIO PLANETARY-MASS OBJECT AROUND AN OLD FIELD BROWN DWARF. <i>Astrophysical Journal</i> , 2013, 778, 38. | 4.5 | 79 |
| 32 | Campaign 9 of the K2 Mission: Observational Parameters, Scientific Drivers, and Community Involvement for a Simultaneous Space- and Ground-based Microlensing Survey. <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 124401. | 3.1 | 79 |
| 33 | Limits on the Abundance of Galactic Planets From 5 Years of PLANET Observations. <i>Astrophysical Journal</i> , 2001, 556, L113-L116. | 4.5 | 78 |
| 34 | High-precision photometry by telescope defocussing " VI. WASP-24, WASP-25 and WASP-26.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 776-789. | 4.4 | 73 |
| 35 | High-Precision Limb-Darkening Measurement of a K3 Giant Using Microlensing. <i>Astrophysical Journal</i> , 2003, 596, 1305-1319. | 4.5 | 72 |
| 36 | Transits and starspots in the WASP-6 planetary system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 1760-1769. | 4.4 | 71 |

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|----|--|-----|-----------|
| 37 | An anomaly detector with immediate feedback to hunt for planets of Earth mass and below by microlensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 380, 792-804. | 4.4 | 68 |
| 38 | A Complete Set of Solutions for Caustic Crossing Binary Microlensing Events. <i>Astrophysical Journal</i> , 1999, 522, 1022-1036. | 4.5 | 67 |
| 39 | OGLE-2012-BLG-0563Lb: A SATURN-MASS PLANET AROUND AN M DWARF WITH THE MASS CONSTRAINED BY SUBARU AO IMAGING. <i>Astrophysical Journal</i> , 2015, 809, 74. | 4.5 | 66 |
| 40 | SPITZER AS A MICROLENS PARALLAX SATELLITE: MASS AND DISTANCE MEASUREMENTS OF BINARY LENS SYSTEM OGLE-2014-BLG-1050L. <i>Astrophysical Journal</i> , 2015, 805, 8. | 4.5 | 66 |
| 41 | High-precision photometry by telescope defocusing - VII. The ultrashort period planet WASP-103... <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 711-721. | 4.4 | 66 |
| 42 | High-precision photometry by telescope defocusing - III. The transiting planetary system WASP-2... <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 408, 1680-1688. | 4.4 | 65 |
| 43 | MOA 2010-BLG-477Lb: CONSTRAINING THE MASS OF A MICROLENSING PLANET FROM MICROLENSING PARALLAX, ORBITAL MOTION, AND DETECTION OF BLENDED LIGHT. <i>Astrophysical Journal</i> , 2012, 754, 73. | 4.5 | 64 |
| 44 | Orbital alignment and star-spot properties in the WASP-52 planetary system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 843-857. | 4.4 | 64 |
| 45 | Limits on Stellar and Planetary Companions in Microlensing Event OGLE 1998-BUL 14. <i>Astrophysical Journal</i> , 2000, 535, 176-189. | 4.5 | 62 |
| 46 | High-precision photometry by telescope defocusing - IV. Confirmation of the huge radius of WASP-17... <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 1338-1348. | 4.4 | 61 |
| 47 | An Isolated Stellar-mass Black Hole Detected through Astrometric Microlensing*. <i>Astrophysical Journal</i> , 2022, 933, 83. | 4.5 | 60 |
| 48 | The Relative Lens Source Proper Motion in MACHO 98-SMC 1. <i>Astrophysical Journal</i> , 1999, 512, 672-677. | 4.5 | 59 |
| 49 | Stochastic distributions of lens and source properties for observed galactic microlensing events. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 367, 669-692. | 4.4 | 58 |
| 50 | A SUB-SATURN MASS PLANET, MOA-2009-BLG-319Lb. <i>Astrophysical Journal</i> , 2011, 728, 120. | 4.5 | 58 |
| 51 | The transiting system GJ1214: high-precision defocused transit observations and a search for evidence of transit timing variation. <i>Astronomy and Astrophysics</i> , 2013, 549, A10. | 5.1 | 58 |
| 52 | MICROLENSING DISCOVERY OF A POPULATION OF VERY TIGHT, VERY LOW MASS BINARY BROWN DWARFS. <i>Astrophysical Journal</i> , 2013, 768, 129. | 4.5 | 57 |
| 53 | PLUTO'S ATMOSPHERE FROM STELLAR OCCULTATIONS IN 2012 AND 2013. <i>Astrophysical Journal</i> , 2015, 811, 53. | 4.5 | 55 |
| 54 | MOA-2010-BLG-073L: AN M-DWARF WITH A SUBSTELLAR COMPANION AT THE PLANET/BROWN DWARF BOUNDARY. <i>Astrophysical Journal</i> , 2013, 763, 67. | 4.5 | 54 |

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|----|--|-----|-----------|
| 55 | OGLE-2016-BLG-1190Lb: The First Spitzer Bulge Planet Lies Near the Planet/Brown-dwarf Boundary. <i>Astronomical Journal</i> , 2018, 155, 40. | 4.7 | 53 |
| 56 | The PLANET microlensing follow-up network: results and prospects for the detection of extra-solar planets. <i>Planetary and Space Science</i> , 2002, 50, 299-307. | 1.7 | 52 |
| 57 | QATAR-2: A K DWARF ORBITED BY A TRANSITING HOT JUPITER AND A MORE MASSIVE COMPANION IN AN OUTER ORBIT. <i>Astrophysical Journal</i> , 2012, 750, 84. | 4.5 | 51 |
| 58 | OGLE-2003-BLG-238: Microlensing Mass Estimate of an Isolated Star. <i>Astrophysical Journal</i> , 2004, 617, 1307-1315. | 4.5 | 50 |
| 59 | Exoplanet detection via microlensing with RoboNet-1.0. <i>Planetary and Space Science</i> , 2007, 55, 582-588. | 1.7 | 48 |
| 60 | OBSERVATIONAL AND DYNAMICAL CHARACTERIZATION OF MAIN-BELT COMET P/2010 R2 (La Sagra). <i>Astronomical Journal</i> , 2012, 143, 104. | 4.7 | 46 |
| 61 | MOA-2010-BLG-328Lb: A SUB-NEPTUNE ORBITING VERY LATE M DWARF?. <i>Astrophysical Journal</i> , 2013, 779, 91. | 4.5 | 45 |
| 62 | OGLE-2011-BLG-0265Lb: A JOVIAN MICROLENSING PLANET ORBITING AN M DWARF. <i>Astrophysical Journal</i> , 2015, 804, 33. | 4.5 | 45 |
| 63 | High-resolution Imaging of Transiting Extrasolar Planetary systems (HITEP). <i>Astronomy and Astrophysics</i> , 2016, 589, A58. | 5.1 | 45 |
| 64 | High-precision photometry by telescope defocusing â€“ V. WASP-15 and WASP-16â€“.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 1300-1308. | 4.4 | 44 |
| 65 | A SUPER-JUPITER ORBITING A LATE-TYPE STAR: A REFINED ANALYSIS OF MICROLENSING EVENT OGLE-2012-BLG-0406. <i>Astrophysical Journal</i> , 2014, 782, 48. | 4.5 | 42 |
| 66 | High-precision photometry by telescope defocussing â€“ VIII. WASP-22, WASP-41, WASP-42 and WASP-55. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 4205-4217. | 4.4 | 42 |
| 67 | Discovery of the Optical Counterpart and Early Optical Observations of GRB 990712. <i>Astrophysical Journal</i> , 2000, 540, 74-80. | 4.5 | 41 |
| 68 | Physical properties and transmission spectrum of the WASP-80 planetary system from multi-colour photometry. <i>Astronomy and Astrophysics</i> , 2014, 562, A126. | 5.1 | 40 |
| 69 | MICROLENSING BINARIES WITH CANDIDATE BROWN DWARF COMPANIONS. <i>Astrophysical Journal</i> , 2012, 760, 116. | 4.5 | 39 |
| 70 | THE SPITZER MICROLENSING PROGRAM AS A PROBE FOR GLOBULAR CLUSTER PLANETS: ANALYSIS OF OGLE-2015-BLG-0448. <i>Astrophysical Journal</i> , 2016, 823, 63. | 4.5 | 39 |
| 71 | MASS MEASUREMENTS OF ISOLATED OBJECTS FROM SPACE-BASED MICROLENSING. <i>Astrophysical Journal</i> , 2016, 825, 60. | 4.5 | 39 |
| 72 | Full characterization of binary-lens event OGLE-2002-BLG-069 from PLANET observations. <i>Astronomy and Astrophysics</i> , 2005, 435, 941-948. | 5.1 | 39 |

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|----|--|-----|-----------|
| 73 | MICROLENSING EVENTS BY PROXIMA CENTAURI IN 2014 AND 2016: OPPORTUNITIES FOR MASS DETERMINATION AND POSSIBLE PLANET DETECTION. <i>Astrophysical Journal</i> , 2014, 782, 89. | 4.5 | 38 |
| 74 | Physical properties of the planetary systems WASP-45 and WASP-46 from simultaneous multiband photometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 990-1002. | 4.4 | 37 |
| 75 | OGLE-2009-BLG-092/MOA-2009-BLG-137: A DRAMATIC REPEATING EVENT WITH THE SECOND PERTURBATION PREDICTED BY REAL-TIME ANALYSIS. <i>Astrophysical Journal</i> , 2010, 723, 81-88. | 4.5 | 36 |
| 76 | INTERPRETATION OF A SHORT-TERM ANOMALY IN THE GRAVITATIONAL MICROLENSING EVENT MOA-2012-BLG-486. <i>Astrophysical Journal</i> , 2013, 778, 55. | 4.5 | 36 |
| 77 | <i>SPITZER</i> MICROLENS MEASUREMENT OF A MASSIVE REMNANT IN A WELL-SEPARATED BINARY. <i>Astrophysical Journal</i> , 2015, 814, 111. | 4.5 | 35 |
| 78 | The OGLE-III planet detection efficiency from six years of microlensing observations (2003–2008). <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 1320-1331. | 4.4 | 35 |
| 79 | MOA-2011-BLG-028Lb: A NEPTUNE-MASS MICROLENSING PLANET IN THE GALACTIC BULGE*. <i>Astrophysical Journal</i> , 2016, 820, 4. | 4.5 | 35 |
| 80 | ARTEMIS (Automated Robotic Terrestrial Exoplanet Microlensing Search): A possible expert system based cooperative effort to hunt for planets of Earth mass and below. <i>Astronomische Nachrichten</i> , 2008, 329, 248-251. | 1.2 | 34 |
| 81 | OGLE-2005-BLG-153: MICROLENSING DISCOVERY AND CHARACTERIZATION OF A VERY LOW MASS BINARY. <i>Astrophysical Journal</i> , 2010, 723, 797-802. | 4.5 | 33 |
| 82 | Potential Direct Single Star Mass Measurement. <i>Astrophysical Journal</i> , 2004, 615, 450-459. | 4.5 | 32 |
| 83 | Larger and faster: revised properties and a shorter orbital period for the WASP-57 planetary system from a pro-am collaboration. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 3094-3107. | 4.4 | 32 |
| 84 | Probing the atmosphere of the bulge G5III star OGLE-2002-BUL-069 by analysis of microlensed H α line. <i>Astronomy and Astrophysics</i> , 2004, 419, L1-L4. | 5.1 | 31 |
| 85 | Limb-darkening measurements for a cool red giant in microlensing event OGLE 2004-BLG-482. <i>Astronomy and Astrophysics</i> , 2011, 525, A15. | 5.1 | 31 |
| 86 | Planetary mass function and planetary systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 411, 2-8. | 4.4 | 31 |
| 87 | MOA-2016-BLG-227Lb: A Massive Planet Characterized by Combining Light-curve Analysis and Keck AO Imaging. <i>Astronomical Journal</i> , 2017, 154, 3. | 4.7 | 31 |
| 88 | A giant planet beyond the snow line in microlensing event OGLE-2011-BLG-0251. <i>Astronomy and Astrophysics</i> , 2013, 552, A70. | 5.1 | 30 |
| 89 | DISCOVERY OF A GAS GIANT PLANET IN MICROLENSING EVENT OGLE-2014-BLG-1760. <i>Astronomical Journal</i> , 2016, 152, 140. | 4.7 | 30 |
| 90 | Transit timing variations in the WASP-4 planetary system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 4230-4236. | 4.4 | 28 |

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|-----|--|-----|-----------|
| 91 | CHARACTERIZING LENSES AND LENSED STARS OF HIGH-MAGNIFICATION SINGLE-LENS GRAVITATIONAL MICROLENSING EVENTS WITH LENSES PASSING OVER SOURCE STARS. <i>Astrophysical Journal</i> , 2012, 751, 41. | 4.5 | 27 |
| 92 | Physical properties of the WASP-67 planetary system from multi-colour photometry. <i>Astronomy and Astrophysics</i> , 2014, 568, A127. | 5.1 | 27 |
| 93 | The advantages of using a Lucky Imaging camera for observations of microlensing events. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 3248-3259. | 4.4 | 27 |
| 94 | Precision multi-epoch astrometry with VLT cameras FORS1/2. <i>Astronomy and Astrophysics</i> , 2009, 505, 903-918. | 5.1 | 27 |
| 95 | $H\beta$ Equivalent Width Variations across the Face of a Microlensed K Giant in the Galactic Bulge. <i>Astrophysical Journal</i> , 2001, 550, L173-L177. | 4.5 | 26 |
| 96 | Adaptive contouring - an efficient way to calculate microlensing light curves of extended sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 377, 1679-1688. | 4.4 | 26 |
| 97 | Microlensing Constraints on the Mass of Single Stars from HST Astrometric Measurements. <i>Astrophysical Journal</i> , 2017, 843, 145. | 4.5 | 26 |
| 98 | OGLE-2014-BLG-1112LB: A Microlensing Brown Dwarf Detected through the Channel of a Gravitational Binary-lens Event. <i>Astrophysical Journal</i> , 2017, 843, 87. | 4.5 | 26 |
| 99 | A Short, Nonplanetary, Microlensing Anomaly: Observations and Light Curve Analysis of MACHO 99-BLG-47. <i>Astrophysical Journal</i> , 2002, 572, 1031-1040. | 4.5 | 25 |
| 100 | Limits on additional planetary companions to OGLE-2005-BLG-390L. <i>Astronomy and Astrophysics</i> , 2008, 483, 317-324. | 5.1 | 25 |
| 101 | CHARACTERIZING LOW-MASS BINARIES FROM OBSERVATION OF LONG-TIMESCALE CAUSTIC-CROSSING GRAVITATIONAL MICROLENSING EVENTS. <i>Astrophysical Journal</i> , 2012, 755, 91. | 4.5 | 25 |
| 102 | PLANET II: A Microlensing and Transit Search for Extrasolar Planets. <i>Symposium - International Astronomical Union</i> , 2004, 213, 35-40. | 0.1 | 24 |
| 103 | OGLE-2005-BLG-018: CHARACTERIZATION OF FULL PHYSICAL AND ORBITAL PARAMETERS OF A GRAVITATIONAL BINARY LENS. <i>Astrophysical Journal</i> , 2011, 735, 85. | 4.5 | 24 |
| 104 | Faint-source-star planetary microlensing: the discovery of the cold gas-giant planet OGLE-2014-BLG-0676Lb. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 2710-2717. | 4.4 | 24 |
| 105 | Mass measurement of a single unseen star and planetary detection efficiency for OGLE 2007-BLG-050. <i>Astronomy and Astrophysics</i> , 2009, 508, 467-478. | 5.1 | 23 |
| 106 | The detection of extra-terrestrial life and the consequences for science and society. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2011, 369, 499-507. | 3.4 | 23 |
| 107 | A detailed census of variable stars in the globular cluster NGC 6333 (M9) from CCD differential photometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 1220-1238. | 4.4 | 23 |
| 108 | GRAVITATIONAL BINARY-LENS EVENTS WITH PROMINENT EFFECTS OF LENS ORBITAL MOTION. <i>Astrophysical Journal</i> , 2013, 778, 134. | 4.5 | 23 |

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|-----|--|-----|-----------|
| 109 | OGLE-2015-BLG-0479LA,B: BINARY GRAVITATIONAL MICROLENS CHARACTERIZED BY SIMULTANEOUS GROUND-BASED AND SPACE-BASED OBSERVATIONS. <i>Astrophysical Journal</i> , 2016, 828, 53. | 4.5 | 23 |
| 110 | OGLE 2004â€“BLGâ€“254: a K3 III Galactic bulge giant spatially resolved by a single microlens. <i>Astronomy and Astrophysics</i> , 2006, 460, 277-288. | 5.1 | 22 |
| 111 | CANDIDATE MICROLENSING EVENTS FROM M31 OBSERVATIONS WITH THE LOIANO TELESCOPE. <i>Astrophysical Journal</i> , 2009, 695, 442-454. | 4.5 | 22 |
| 112 | GravityCam: Wide-field high-resolution high-cadence imaging surveys in the visible from the ground. <i>Publications of the Astronomical Society of Australia</i> , 2018, 35, . | 3.4 | 22 |
| 113 | Studying planet populations by gravitational microlensing. <i>General Relativity and Gravitation</i> , 2010, 42, 2075-2100. | 2.0 | 21 |
| 114 | OGLE-2008-BLG-510: first automated real-time detection of a weak microlensing anomaly - brown dwarf or stellar binary?â€“.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 902-918. | 4.4 | 21 |
| 115 | A census of variability in globular cluster Mâ€™%68 (NGC 4590). <i>Astronomy and Astrophysics</i> , 2015, 578, A128. | 5.1 | 21 |
| 116 | THE FIRST SIMULTANEOUS MICROLENSING OBSERVATIONS BY TWO SPACE TELESCOPES: SPITZER AND SWIFT REVEAL A BROWN DWARF IN EVENT OGLE-2015-BLG-1319. <i>Astrophysical Journal</i> , 2016, 831, 183. | 4.5 | 21 |
| 117 | A NEW TYPE OF AMBIGUITY IN THE PLANET AND BINARY INTERPRETATIONS OF CENTRAL PERTURBATIONS OF HIGH-MAGNIFICATION GRAVITATIONAL MICROLENSING EVENTS. <i>Astrophysical Journal</i> , 2012, 756, 48. | 4.5 | 20 |
| 118 | MOA-2007-BLG-197: Exploring the brown dwarf desert. <i>Astronomy and Astrophysics</i> , 2015, 580, A125. | 5.1 | 20 |
| 119 | Spitzer Microlensing Parallax for OGLE-2017-BLG-0896 Reveals a Counter-rotating Low-mass Brown Dwarf. <i>Astronomical Journal</i> , 2019, 157, 106. | 4.7 | 20 |
| 120 | M31 PIXEL LENSING EVENT OAB-N2: A STUDY OF THE LENS PROPER MOTION. <i>Astrophysical Journal</i> , 2010, 717, 987-994. | 4.5 | 19 |
| 121 | A much lower density for the transiting extrasolar planet WASP-7. <i>Astronomy and Astrophysics</i> , 2011, 527, A8. | 5.1 | 19 |
| 122 | SPITZER OBSERVATIONS OF OGLE-2015-BLG-1212 REVEAL A NEW PATH TOWARD BREAKING STRONG MICROLENS DEGENERACIES. <i>Astrophysical Journal</i> , 2016, 820, 79. | 4.5 | 19 |
| 123 | High-resolution Imaging of Transiting Extrasolar Planetary systems (HITEP). <i>Astronomy and Astrophysics</i> , 2018, 610, A20. | 5.1 | 19 |
| 124 | Full orbital solution for the binary system in the northern Galactic disc microlensing event Gaia16aye. <i>Astronomy and Astrophysics</i> , 2020, 633, A98. | 5.1 | 19 |
| 125 | Planetary microlensing signals from the orbital motion of the source star around the common barycentre. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 392, 1193-1204. | 4.4 | 18 |
| 126 | Parameter degeneracies and (un)predictability of gravitational microlensing events. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 393, 816-821. | 4.4 | 17 |

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|-----|---|-----|-----------|
| 127 | MOA-2010-BLG-311: A PLANETARY CANDIDATE BELOW THE THRESHOLD OF RELIABLE DETECTION. <i>Astrophysical Journal</i> , 2013, 769, 77. | 4.5 | 17 |
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