

# David Bennett

## List of Publications by Year in descending order

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285  
papers

18,361  
citations

12303

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times ranked

5366  
citing authors

#	ARTICLE	IF	CITATIONS
1	The MACHO Project: Microlensing Results from 5.7 Years of Large Magellanic Cloud Observations. <i>Astrophysical Journal</i> , 2000, 542, 281-307.	1.6	752
2	Possible gravitational microlensing of a star in the Large Magellanic Cloud. <i>Nature</i> , 1993, 365, 621-623.	13.7	657
3	Discovery of a cool planet of 5.5 Earth masses through gravitational microlensing. <i>Nature</i> , 2006, 439, 437-440.	13.7	525
4	One or more bound planets per Milky Way star from microlensing observations. <i>Nature</i> , 2012, 481, 167-169.	13.7	475
5	The MACHO Project Large Magellanic Cloud Microlensing Results from the First Two Years and the Nature of the Galactic Dark Halo. <i>Astrophysical Journal</i> , 1997, 486, 697-726.	1.6	440
6	Unbound or distant planetary mass population detected by gravitational microlensing. <i>Nature</i> , 2011, 473, 349-352.	13.7	398
7	Chemical evolution of the Galactic bulge as traced by microlensed dwarf and subgiant stars. <i>Astronomy and Astrophysics</i> , 2013, 549, A147.	2.1	357
8	OGLE 2003-BLG-235/MOA 2003-BLG-53: A Planetary Microlensing Event. <i>Astrophysical Journal</i> , 2004, 606, L155-L158.	1.6	314
9	Discovery of a Jupiter/Saturn Analog with Gravitational Microlensing. <i>Science</i> , 2008, 319, 927-930.	6.0	311
10	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.	1.6	296
11	Evidence for a Scaling Solution in Cosmic-String Evolution. <i>Physical Review Letters</i> , 1988, 60, 257-260.	2.9	280
12	Microlens OGLE-2005-BLG-169 Implies That Cool Neptune-like Planets Are Common. <i>Astrophysical Journal</i> , 2006, 644, L37-L40.	1.6	272
13	Detecting Earth-Mass Planets with Gravitational Microlensing. <i>Astrophysical Journal</i> , 1996, 472, 660-664.	1.6	252
14	High-resolution simulations of cosmic-string evolution. i. Network evolution. <i>Physical Review D</i> , 1990, 41, 2408-2433.	1.6	243
15	A Jovian-Mass Planet in Microlensing Event OGLE-2005-BLG-071. <i>Astrophysical Journal</i> , 2005, 628, L109-L112.	1.6	231
16	A Low-Mass Planet with a Possible Sub-Stellar Mass Host in Microlensing Event MOA-2007-BLG-192. <i>Astrophysical Journal</i> , 2008, 684, 663-683.	1.6	209
17	A COLD NEPTUNE-MASS PLANET OGLE-2007-BLG-368Lb: Cold neptunes are common. <i>Astrophysical Journal</i> , 2010, 710, 1641-1653.	1.6	204
18	THE EXOPLANET MASS-RATIO FUNCTION FROM THE MOA-II SURVEY: DISCOVERY OF A BREAK AND LIKELY PEAK AT A NEPTUNE-MASS. <i>Astrophysical Journal</i> , 2016, 833, 145.	1.6	202

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19	MOA-2011-BLG-293Lb: A TEST OF PURE SURVEY MICROLENSING PLANET DETECTIONS. <i>Astrophysical Journal</i> , 2012, 755, 102.	1.6	175
20	The MACHO Project: 45 Candidate Microlensing Events from the First Year Galactic Bulge Data. <i>Astrophysical Journal</i> , 1997, 479, 119-146.	1.6	174
21	OGLE-2005-BLG-071Lb, THE MOST MASSIVE M DWARF PLANETARY COMPANION?. <i>Astrophysical Journal</i> , 2009, 695, 970-987.	1.6	173
22	Difference imaging photometry of blended gravitational microlensing events with a numerical kernel. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 397, 2099-2105.	1.6	170
23	First Observation of Parallax in a Gravitational Microlensing Event. <i>Astrophysical Journal</i> , 1995, 454, .	1.6	165
24	Simulation of a Space-based Microlensing Survey for Terrestrial Extrasolar Planets. <i>Astrophysical Journal</i> , 2002, 574, 985-1003.	1.6	157
25	The MACHO Project: Microlensing Optical Depth toward the Galactic Bulge from Difference Image Analysis. <i>Astrophysical Journal</i> , 2000, 541, 734-766.	1.6	153
26	Topology of microwave background fluctuations - Theory. <i>Astrophysical Journal</i> , 1990, 352, 1.	1.6	149
27	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.	1.6	146
28	MASSES AND ORBITAL CONSTRAINTS FOR THE OGLE-2006-BLG-109Lb,c JUPITER/SATURN ANALOG PLANETARY SYSTEM. <i>Astrophysical Journal</i> , 2010, 713, 837-855.	1.6	145
29	Cosmic-string evolution. <i>Physical Review Letters</i> , 1989, 63, 2776-2779.	2.9	143
30	EROS and MACHO Combined Limits on Planetary-Mass Dark Matter in the Galactic Halo. <i>Astrophysical Journal</i> , 1998, 499, L9-L12.	1.6	143
31	The MACHO Project First-Year Large Magellanic Cloud Results: The Microlensing Rate and the Nature of the Galactic Dark Halo. <i>Astrophysical Journal</i> , 1996, 461, 84.	1.6	142
32	MICROLENSING EVENT MOA-2007-BLG-400: EXHUMING THE BURIED SIGNATURE OF A COOL, JOVIAN-MASS PLANET. <i>Astrophysical Journal</i> , 2009, 698, 1826-1837.	1.6	140
33	Chemical evolution of the Galactic bulge as traced by microlensed dwarf and subgiant stars. <i>Astronomy and Astrophysics</i> , 2017, 605, A89.	2.1	135
34	BINARY MICROLENSING EVENT OGLE-2009-BLG-020 GIVES VERIFIABLE MASS, DISTANCE, AND ORBIT PREDICTIONS. <i>Astrophysical Journal</i> , 2011, 738, 87.	1.6	133
35	MOA-2009-BLG-387Lb: a massive planet orbiting an M dwarf. <i>Astronomy and Astrophysics</i> , 2011, 529, A102.	2.1	131
36	MACHO Alert 95-30: First Real-time Observation of Extended Source Effects in Gravitational Microlensing. <i>Astrophysical Journal</i> , 1997, 491, 436-450.	1.6	131

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37	Systematic Analysis of 22 Microlensing Parallax Candidates. <i>Astrophysical Journal</i> , 2005, 633, 914-930.	1.6	129
38	CONFIRMATION OF THE PLANETARY MICROLENSING SIGNAL AND STAR AND PLANET MASS DETERMINATIONS FOR EVENT OGLE-2005-BLG-169. <i>Astrophysical Journal</i> , 2015, 808, 169.	1.6	129
39	Experimental Limits on the Dark Matter Halo of the Galaxy from Gravitational Microlensing. <i>Physical Review Letters</i> , 1995, 74, 2867-2871.	2.9	125
40	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.	1.6	124
41	Identification of the OGLE-2003-BLG-235/MOA-2003-BLG-53 Planetary Host Star. <i>Astrophysical Journal</i> , 2006, 647, L171-L174.	1.6	118
42	SUB-SATURN PLANET MOA-2008-BLG-310Lb: LIKELY TO BE IN THE GALACTIC BULGE. <i>Astrophysical Journal</i> , 2010, 711, 731-743.	1.6	117
43	DISCOVERY AND MASS MEASUREMENTS OF A COLD, 10 EARTH MASS PLANET AND ITS HOST STAR. <i>Astrophysical Journal</i> , 2011, 741, 22.	1.6	117
44	Microlensing Optical Depth toward the Galactic Bulge Using Clump Giants from the MACHO Survey. <i>Astrophysical Journal</i> , 2005, 631, 879-905.	1.6	114
45	CONFIRMATION OF THE OGLE-2005-BLG-169 PLANET SIGNATURE AND ITS CHARACTERISTICS WITH LENSâ€™S SOURCE PROPER MOTION DETECTION. <i>Astrophysical Journal</i> , 2015, 808, 170.	1.6	113
46	Evolution of cosmic strings. <i>Physical Review D</i> , 1986, 33, 872-888.	1.6	112
47	Patterns of the cosmic microwave background from evolving string networks. <i>Nature</i> , 1988, 335, 410-414.	13.7	112
48	First Spaceâ€Based Microlens Parallax Measurement: <i>Spitzer</i> Observations of OGLEâ€™2005â€SMCâ€™001. <i>Astrophysical Journal</i> , 2007, 664, 862-878.	1.6	112
49	Direct detection of a microlens in the Milky Way. <i>Nature</i> , 2001, 414, 617-619.	13.7	110
50	Gravitational Microlensing Events Due to Stellarâ€Mass Black Holes. <i>Astrophysical Journal</i> , 2002, 579, 639-659.	1.6	108
51	The frequency of snowline-region planets from four years of OGLEâ€™MOAâ€™Wise second-generation microlensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 4089-4113.	1.6	108
52	On Planetary Companions to the MACHO 98â€BLGâ€™35 Microlens Star. <i>Astrophysical Journal</i> , 2000, 533, 378-391.	1.6	104
53	AN EFFICIENT METHOD FOR MODELING HIGH-MAGNIFICATION PLANETARY MICROLENSING EVENTS. <i>Astrophysical Journal</i> , 2010, 716, 1408-1422.	1.6	104
54	PATHWAY TO THE GALACTIC DISTRIBUTION OF PLANETS: COMBINED <i>SPITZER</i> AND GROUND-BASED MICROLENS PARALLAX MEASUREMENTS OF 21 SINGLE-LENS EVENTS. <i>Astrophysical Journal</i> , 2015, 804, 20.	1.6	104

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55	A terrestrial planet in a $\sim 1$ -AU orbit around one member of a $\sim 1/4$ 15-AU binary. <i>Science</i> , 2014, 345, 46-49.	6.0	103
56	Combined Analysis of the Binary Lens Caustic-Crossing Event MACHO 98â€SMCâ€1. <i>Astrophysical Journal</i> , 2000, 532, 340-352.	1.6	99
57	Characterization of Gravitational Microlensing Planetary Host Stars. <i>Astrophysical Journal</i> , 2007, 660, 781-790.	1.6	97
58	SPITZER PARALLAX OF OGLE-2015-BLG-0966: A COLD NEPTUNE IN THE GALACTIC DISK. <i>Astrophysical Journal</i> , 2016, 819, 93.	1.6	95
59	THE FIRST CIRCUMBINARY PLANET FOUND BY MICROLENSING: OGLE-2007-BLG-349L(AB)c. <i>Astronomical Journal</i> , 2016, 152, 125.	1.9	94
60	Cosmological evolution of global monopoles and the origin of large-scale structure. <i>Physical Review Letters</i> , 1990, 65, 1709-1712.	2.9	92
61	Binary Microlensing Events from the MACHO Project. <i>Astrophysical Journal</i> , 2000, 541, 270-297.	1.6	91
62	Gravitational microlensing as a method of detecting disk dark matter and faint disk stars. <i>Astrophysical Journal</i> , 1991, 372, L79.	1.6	86
63	The MACHO Project 9 Million Star Color-Magnitude Diagram of the Large Magellanic Cloud. <i>Astronomical Journal</i> , 2000, 119, 2194-2213.	1.9	83
64	PLANETARY AND OTHER SHORT BINARY MICROLENSING EVENTS FROM THE MOA SHORT-EVENT ANALYSIS. <i>Astrophysical Journal</i> , 2012, 757, 119.	1.6	83
65	Observations of the Binary Microlens Event MACHO 98â€SMCâ€1 by the Microlensing Planet Search Collaboration. <i>Astrophysical Journal</i> , 1999, 522, 1037-1045.	1.6	82
66	Variability-selected Quasars in MACHO Project Magellanic Cloud Fields. <i>Astronomical Journal</i> , 2003, 125, 1-12.	1.9	82
67	MOA-2011-BLG-293LB: FIRST MICROLENSING PLANET POSSIBLY IN THE HABITABLE ZONE. <i>Astrophysical Journal</i> , 2014, 780, 54.	1.6	82
68	The MACHO Project LMC Variable Star Inventory. II. LMC RR Lyrae Stars- Pulsational Characteristics and Indications of a Global Youth of the LMC. <i>Astronomical Journal</i> , 1996, 111, 1146.	1.9	82
69	Discovery of a planet orbiting a binary star system from gravitational microlensing. <i>Nature</i> , 1999, 402, 57-59.	13.7	81
70	The MACHO Project LMC Variable Star Inventory. VII. The Discovery of RV Tauri Stars and New Type II Cepheids in the Large Magellanic Cloud. <i>Astronomical Journal</i> , 1998, 115, 1921-1933.	1.9	79
71	MICROLENSING DISCOVERY OF A TIGHT, LOW-MASS-RATIO PLANETARY-MASS OBJECT AROUND AN OLD FIELD BROWN DWARF. <i>Astrophysical Journal</i> , 2013, 778, 38.	1.6	79
72	Campaign 9 of the <i>K2</i> 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.	1.0	79

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73	THE MICROLENSING EVENT RATE AND OPTICAL DEPTH TOWARD THE GALACTIC BULGE FROM MOA-II. <i>Astrophysical Journal</i> , 2013, 778, 150.	1.6	77
74	EXTREME MAGNIFICATION MICROLENSING EVENT OGLE-2008-BLG-279: STRONG LIMITS ON PLANETARY COMPANIONS TO THE LENS STAR. <i>Astrophysical Journal</i> , 2009, 703, 2082-2090.	1.6	74
75	The lowest mass ratio planetary microlens: OGLE 2016â€“BLGâ€“1195Lb. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 2434-2440.	1.6	74
76	REVISITING THE MICROLENSING EVENT OGLE 2012-BLG-0026: A SOLAR MASS STAR WITH TWO COLD GIANT PLANETS. <i>Astrophysical Journal</i> , 2016, 824, 83.	1.6	73
77	Probable gravitational microlensing toward the galactic bulge. <i>Astrophysical Journal</i> , 1995, 445, 133.	1.6	72
78	THE FIRST NEPTUNE ANALOG OR SUPER-EARTH WITH A NEPTUNE-LIKE ORBIT: MOA-2013-BLG-605LB. <i>Astrophysical Journal</i> , 2016, 825, 112.	1.6	70
79	The MACHO Project LMC Variable Star Inventory.V.Classification and Orbits of 611 Eclipsing Binary Stars. <i>Astronomical Journal</i> , 1997, 114, 326.	1.9	69
80	The MACHO Project LMC Variable Star Inventory. X. The R Coronae Borealis Stars. <i>Astrophysical Journal</i> , 2001, 554, 298-315.	1.6	69
81	Measurements of Transit Timing Variations for WASP-5b. <i>Publication of the Astronomical Society of Japan</i> , 2011, 63, 287-300.	1.0	67
82	OGLE-2012-BLG-0563Lb: A SATURN-MASS PLANET AROUND AN M DWARF WITH THE MASS CONSTRAINED BY<i>SUBARU</i>AO IMAGING. <i>Astrophysical Journal</i> , 2015, 809, 74.	1.6	66
83	Microlensing Results Challenge the Core Accretion Runaway Growth Scenario for Gas Giants. <i>Astrophysical Journal Letters</i> , 2018, 869, L34.	3.0	66
84	Evolution of cosmic strings. II. <i>Physical Review D</i> , 1986, 34, 3592-3607.	1.6	64
85	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.	1.6	64
86	The implications of the COBE diffuse microwave radiation results for cosmic strings. <i>Astrophysical Journal</i> , 1992, 399, L5.	1.6	64
87	Search for Low-Mass Exoplanets by Gravitational Microlensing at High Magnification. <i>Science</i> , 2004, 305, 1264-1266.	6.0	60
88	The MACHO Project Large Magellanic Cloud Variable Star Inventory. III. Multimode RR Lyrae Stars, Distance to the Large Magellanic Cloud, and Age of the Oldest Stars. <i>Astrophysical Journal</i> , 1997, 482, 89-97.	1.6	60
89	An Isolated Stellar-mass Black Hole Detected through Astrometric Microlensing*. <i>Astrophysical Journal</i> , 2022, 933, 83.	1.6	60
90	The MACHO Project: Limits on Planetary Mass Dark Matter in the Galactic Halo from Gravitational Microlensing. <i>Astrophysical Journal</i> , 1996, 471, 774-782.	1.6	59

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91	A SUB-SATURN MASS PLANET, MOA-2009-BLG-319Lb. <i>Astrophysical Journal</i> , 2011, 728, 120.	1.6	58
92	First Detection of a Gravitational Microlensing Candidate toward the Small Magellanic Cloud. <i>Astrophysical Journal</i> , 1997, 491, L11-L13.	1.6	58
93	The MACHO Project: Microlensing Detection Efficiency. <i>Astrophysical Journal, Supplement Series</i> , 2001, 136, 439-462.	3.0	57
94	MICROLENSING DISCOVERY OF A POPULATION OF VERY TIGHT, VERY LOW MASS BINARY BROWN DWARFS. <i>Astrophysical Journal</i> , 2013, 768, 129.	1.6	57
95	A SECOND METHOD TO PHOTOMETRICALLY ALIGN MULTI-SITE MICROLENSING LIGHT CURVES: SOURCE COLOR IN PLANETARY EVENT MOA-2007-BLG-192. <i>Astrophysical Journal</i> , 2010, 710, 1800-1805.	1.6	56
96	A frozen super-Earth orbiting a star at the bottom of the main sequence. <i>Astronomy and Astrophysics</i> , 2012, 540, A78.	2.1	56
97	The RR Lyrae Population of the Galactic Bulge from the MACHO Database: Mean Colors and Magnitudes. <i>Astrophysical Journal</i> , 1998, 492, 190-199.	1.6	55
98	MOA-2011-BLG-322Lb: a "second generation survey" microlensing planet. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 604-610.	1.6	55
99	OGLE-2013-BLG-0102LA,B: MICROLENSING BINARY WITH COMPONENTS AT STAR/BROWN DWARF AND BROWN DWARF/PLANET BOUNDARIES. <i>Astrophysical Journal</i> , 2015, 798, 123.	1.6	55
100	WFIRST Exoplanet Mass-measurement Method Finds a Planetary Mass of $39 \pm 8 M_{\oplus}$ for OGLE-2012-BLG-0950Lb. <i>Astronomical Journal</i> , 2018, 156, 289.	1.9	55
101	MOA-2010-BLG-073L: AN M-DWARF WITH A SUBSTELLAR COMPANION AT THE PLANET/BROWN DWARF BOUNDARY. <i>Astrophysical Journal</i> , 2013, 763, 67.	1.6	54
102	OGLE-2016-BLG-1190Lb: The First Spitzer Bulge Planet Lies Near the Planet/Brown-dwarf Boundary. <i>Astronomical Journal</i> , 2018, 155, 40.	1.9	53
103	Masslosing Semiregular Variable Stars in Baade's Windows. <i>Astrophysical Journal</i> , 2001, 552, 289-308.	1.6	50
104	Two new free-floating or wide-orbit planets from microlensing. <i>Astronomy and Astrophysics</i> , 2019, 622, A201.	2.1	49
105	The stability of internal solitary waves. <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 1983, 94, 351-379.	0.3	46
106	Difference Image Analysis of Galactic Microlensing. I. Data Analysis. <i>Astrophysical Journal</i> , 1999, 521, 602-612.	1.6	45
107	MOA-2010-BLG-328Lb: A SUB-NEPTUNE ORBITING VERY LATE M DWARF?. <i>Astrophysical Journal</i> , 2013, 779, 91.	1.6	45
108	OGLE-2011-BLG-0265Lb: A JOVIAN MICROLENSING PLANET ORBITING AN M DWARF. <i>Astrophysical Journal</i> , 2015, 804, 33.	1.6	45

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109	MOA 2003-BLG-37: A Bulge Jerk Parallax Microlens Degeneracy. <i>Astrophysical Journal</i> , 2004, 609, 166-172.	1.6	44
110	Large Magellanic Cloud Microlensing Optical Depth with Imperfect Event Selection. <i>Astrophysical Journal</i> , 2005, 633, 906-913.	1.6	44
111	A NEW NONPLANETARY INTERPRETATION OF THE MICROLENSING EVENT OGLE-2013-BLG-0723. <i>Astrophysical Journal</i> , 2016, 825, 8.	1.6	44
112	The Star Blended with the MOA-2008-BLG-310 Source Is Not the Exoplanet Host Star. <i>Astronomical Journal</i> , 2017, 154, 59.	1.9	44
113	An Isolated Microlens Observed from K2, Spitzer, and Earth. <i>Astrophysical Journal Letters</i> , 2017, 849, L31.	3.0	44
114	COBE's constraints on the global monopole and texture theories of cosmic structure formation. <i>Astrophysical Journal</i> , 1993, 406, L7.	1.6	44
115	The Mass of the MACHO LMC Lens Star. <i>Astrophysical Journal</i> , 2004, 614, 404-411.	1.6	43
116	Constraints on the gravity-wave background generated by cosmic strings. <i>Physical Review D</i> , 1991, 43, 2733-2735.	1.6	42
117	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.	1.6	42
118	MACHO Project Photometry of RR Lyrae Stars in the Sagittarius Dwarf Galaxy. <i>Astrophysical Journal</i> , 1997, 474, 217-222.	1.6	42
119	The First Planetary Microlensing Event with Two Microlensed Source Stars. <i>Astronomical Journal</i> , 2018, 155, 141.	1.9	41
120	The MACHO Project LMC Variable Star Inventory. VIII. The Recent Star Formation History of the Large Magellanic Cloud from the Cepheid Period Distribution. <i>Astronomical Journal</i> , 1999, 117, 920-926.	1.9	40
121	Discovery and Characterization of a Caustic Crossing Microlensing Event in the Small Magellanic Cloud. <i>Astrophysical Journal</i> , 1999, 518, 44-49.	1.6	40
122	Real-Time Detection and Multisite Observations of Gravitational Microlensing. <i>Astrophysical Journal</i> , 1996, 463, L67-L70.	1.6	40
123	MICROLENSING BINARIES WITH CANDIDATE BROWN DWARF COMPANIONS. <i>Astrophysical Journal</i> , 2012, 760, 116.	1.6	39
124	Binary Source Microlensing Event OGLE-2016-BLG-0733: Interpretation of a Long-term Asymmetric Perturbation. <i>Astronomical Journal</i> , 2017, 153, 129.	1.9	39
125	The MACHO Project LMC Variable Star Inventory. VI. The Second Overtone Mode of Cepheid Pulsation from First/Second Overtone Beat Cepheids. <i>Astrophysical Journal</i> , 1999, 511, 185-192.	1.6	39
126	MOA-2008-BLG-379Lb: A MASSIVE PLANET FROM A HIGH MAGNIFICATION EVENT WITH A FAINT SOURCE. <i>Astrophysical Journal</i> , 2014, 780, 123.	1.6	38



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127	A Jovian analogue orbiting a white dwarf star. <i>Nature</i> , 2021, 598, 272-275.	13.7	38
128	MOA-2010-BLG-353Lb: a possible Saturn revealed. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 946-951.	1.6	37
129	OGLE-2012-BLG-0950Lb: THE FIRST PLANET MASS MEASUREMENT FROM ONLY MICROLENS PARALLAX AND LENS FLUX. <i>Astronomical Journal</i> , 2017, 153, 1.	1.9	37
130	Keck Observations Confirm a Super-Jupiter Planet Orbiting M Dwarf OGLE-2005-BLG-071L. <i>Astronomical Journal</i> , 2020, 159, 68.	1.9	37
131	Is the Large Magellanic Cloud Microlensing Due to an Intervening Dwarf Galaxy?. <i>Astrophysical Journal</i> , 1997, 490, L59-L63.	1.6	37
132	The MACHO Project Hubble Space Telescope Follow-up: Preliminary Results on the Location of the Large Magellanic Cloud Microlensing Source Stars. <i>Astrophysical Journal</i> , 2001, 552, 582-590.	1.6	37
133	The MACHO Project Large Magellanic Cloud Variable-Star Inventory. XIII. Fourier Parameters for the First-Overtone RR Lyrae Variables and the LMC Distance. <i>Astronomical Journal</i> , 2004, 127, 334-354.	1.9	36
134	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.	1.6	36
135	INTERPRETATION OF A SHORT-TERM ANOMALY IN THE GRAVITATIONAL MICROLENSING EVENT MOA-2012-BLG-486. <i>Astrophysical Journal</i> , 2013, 778, 55.	1.6	36
136	MOA-2011-BLG-028Lb: A NEPTUNE-MASS MICROLENSING PLANET IN THE GALACTIC BULGE*. <i>Astrophysical Journal</i> , 2016, 820, 4.	1.6	35
137	Millisecond-pulsar constraint on cosmic strings. <i>Physical Review D</i> , 1990, 41, 720-723.	1.6	34
138	OGLE-2013-BLG-1761Lb: A Massive Planet around an M/K Dwarf. <i>Astronomical Journal</i> , 2017, 154, 1.	1.9	34
139	Magellanic cloud gravitational microlensing results: What do they mean?. <i>Physics Reports</i> , 1998, 307, 97-106.	10.3	33
140	OGLE-2005-BLG-153: MICROLENSING DISCOVERY AND CHARACTERIZATION OF A VERY LOW MASS BINARY. <i>Astrophysical Journal</i> , 2010, 723, 797-802.	1.6	33
141	OGLE-2016-BLG-1469L: Microlensing Binary Composed of Brown Dwarfs. <i>Astrophysical Journal</i> , 2017, 843, 59.	1.6	33
142	Potential Direct Single Star Mass Measurement. <i>Astrophysical Journal</i> , 2004, 615, 450-459.	1.6	32
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