

Sean N Raymond

List of Publications by Year in descending order

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Version: 2024-02-01

163
papers

14,446
citations

20759

60
h-index

23472

111
g-index

165
all docs

165
docs citations

165
times ranked

6862
citing authors

#	ARTICLE	IF	CITATIONS
1	An upper limit on late accretion and water delivery in the TRAPPIST-1 exoplanet system. <i>Nature Astronomy</i> , 2022, 6, 80-88.	4.2	25
2	Planet Formation: Key Mechanisms and Global Models. <i>Astrophysics and Space Science Library</i> , 2022, , 3-82.	1.0	16
3	Planetesimal rings as the cause of the Solar System's planetary architecture. <i>Nature Astronomy</i> , 2022, 6, 357-366.	4.2	43
4	Origin and Dynamical Evolution of the Asteroid Belt. , 2022, , 227-249.		9
5	Thermal Processing of Jupiter-family Comets during Their Chaotic Orbital Evolution. <i>Astrophysical Journal</i> , 2022, 928, 43.	1.6	15
6	A rich population of free-floating planets in the Upper Scorpius young stellar association. <i>Nature Astronomy</i> , 2022, 6, 89-97.	4.2	41
7	Early Solar System instability triggered by dispersal of the gaseous disk. <i>Nature</i> , 2022, 604, 643-646.	13.7	33
8	Mathematical encoding within multiresonant planetary systems as SETI beacons. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 4945-4950.	1.6	3
9	Born eccentric: Constraints on Jupiter and Saturn's pre-instability orbits. <i>Icarus</i> , 2021, 355, 114122.	1.1	22
10	Dry or water world? How the water contents of inner sub-Neptunes constrain giant planet formation and the location of the water ice line. <i>Astronomy and Astrophysics</i> , 2021, 649, L5.	2.1	25
11	Formation of planetary systems by pebble accretion and migration. <i>Astronomy and Astrophysics</i> , 2021, 650, A152.	2.1	85
12	A terrestrial convergence. <i>Nature Astronomy</i> , 2021, 5, 875-876.	4.2	6
13	Born extra-eccentric: A broad spectrum of primordial configurations of the gas giants that match their present-day orbits. <i>Icarus</i> , 2021, 367, 114556.	1.1	7
14	The early instability scenario: Mars's mass explained by Jupiter's orbit. <i>Icarus</i> , 2021, 367, 114585.	1.1	11
15	Refining the Transit-timing and Photometric Analysis of TRAPPIST-1: Masses, Radii, Densities, Dynamics, and Ephemerides. <i>Planetary Science Journal</i> , 2021, 2, 1.	1.5	161
16	The Nature and Origins of Sub-Neptune Size Planets. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2020JE006639.	1.5	65
17	The "breaking the chains" migration model for super-Earth formation: the effect of collisional fragmentation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 2856-2868.	1.6	13
18	Mercury as the Relic of Earth and Venus Outward Migration. <i>Astrophysical Journal Letters</i> , 2021, 923, L16.	3.0	8

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19	Dynamical evidence for an early giant planet instability. <i>Icarus</i> , 2020, 339, 113605.	1.1	60
20	A record of the final phase of giant planet migration fossilized in the asteroid belt's orbital structure. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 492, L56-L60.	1.2	21
21	No evidence for interstellar planetesimals trapped in the Solar system. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 497, L46-L49.	1.2	22
22	The origins of nearly coplanar, non-resonant systems of close-in super-Earths. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 2493-2500.	1.6	10
23	TRAPPIST-1: Global results of the <i>Spitzer</i> Exploration Science Program Red Worlds. <i>Astronomy and Astrophysics</i> , 2020, 640, A112.	2.1	45
24	Dry late accretion inferred from Venus's coupled atmosphere and internal evolution. <i>Nature Geoscience</i> , 2020, 13, 265-269.	5.4	27
25	Influence of planetary gas accretion on the shape and depth of gaps in protoplanetary discs. <i>Astronomy and Astrophysics</i> , 2020, 643, A133.	2.1	29
26	The First Habitable-zone Earth-sized Planet from TESS. I. Validation of the TOI-700 System. <i>Astronomical Journal</i> , 2020, 160, 116.	1.9	67
27	Survivor Bias: Divergent Fates of the Solar System's Ejected versus Persisting Planetesimals. <i>Astrophysical Journal Letters</i> , 2020, 904, L4.	3.0	13
28	Vortex instabilities triggered by low-mass planets in pebble-rich, inviscid protoplanetary discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 645-659.	1.6	10
29	Formation of planetary systems by pebble accretion and migration. <i>Astronomy and Astrophysics</i> , 2019, 627, A83.	2.1	149
30	Can moons have moons?. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 483, L80-L84.	1.2	9
31	The early instability scenario: Terrestrial planet formation during the giant planet instability, and the effect of collisional fragmentation. <i>Icarus</i> , 2019, 321, 778-790.	1.1	72
32	Rocky super-Earths or waterworlds: the interplay of planet migration, pebble accretion, and disc evolution. <i>Astronomy and Astrophysics</i> , 2019, 624, A109.	2.1	62
33	Excitation and Depletion of the Asteroid Belt in the Early Instability Scenario. <i>Astronomical Journal</i> , 2019, 157, 38.	1.9	42
34	Formation of planetary systems by pebble accretion and migration: growth of gas giants. <i>Astronomy and Astrophysics</i> , 2019, 623, A88.	2.1	117
35	Planet-planet scattering as the source of the highest eccentricity exoplanets. <i>Astronomy and Astrophysics</i> , 2019, 629, L7.	2.1	38
36	The Delivery of Water During Terrestrial Planet Formation. <i>Space Science Reviews</i> , 2018, 214, 1.	3.7	76

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37	Implications of the interstellar object 1I/'Oumuamua for planetary dynamics and planetesimal formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 3031-3038.	1.6	82
38	Innocent Bystanders: Orbital Dynamics of Exomoons During Planet-Planet Scattering. <i>Astrophysical Journal</i> , 2018, 852, 85.	1.6	45
39	Mars™ growth stunted by an early giant planet instability. <i>Icarus</i> , 2018, 311, 340-356.	1.1	108
40	Interstellar Object †™Oumuamua as an Extinct Fragment of an Ejected Cometary Planetesimal. <i>Astrophysical Journal Letters</i> , 2018, 856, L7.	3.0	36
41	Identifying Inflated Super-Earths and Photo-evaporated Cores. <i>Astrophysical Journal</i> , 2018, 866, 104.	1.6	22
42	Formation of Terrestrial Planets. , 2018, , 2365-2423.		12
43	Excitation of a Primordial Cold Asteroid Belt as an Outcome of Planetary Instability. <i>Astrophysical Journal</i> , 2018, 864, 50.	1.6	39
44	Formation of Terrestrial Planets. , 2018, , 1-59.		0
45	Migration-driven diversity of super-Earth compositions. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 479, L81-L85.	1.2	61
46	The nature of the TRAPPIST-1 exoplanets. <i>Astronomy and Astrophysics</i> , 2018, 613, A68.	2.1	246
47	Formation of terrestrial planets in eccentric and inclined giant planet systems. <i>Astronomy and Astrophysics</i> , 2018, 613, A59.	2.1	1
48	The Delivery of Water During Terrestrial Planet Formation. <i>Space Sciences Series of ISSI</i> , 2018, , 291-314.	0.0	0
49	Sculpting Our Planetary System. <i>American Scientist</i> , 2018, 106, 280.	0.1	0
50	Planet formation imager: project update. , 2018, , .		0
51	Seven temperate terrestrial planets around the nearby ultracool dwarf star TRAPPIST-1. <i>Nature</i> , 2017, 542, 456-460.	13.7	1,144
52	A seven-planet resonant chain in TRAPPIST-1. <i>Nature Astronomy</i> , 2017, 1, .	4.2	263
53	The Demographics of Rocky Free-floating Planets and their Detectability by WFIRST. <i>Astrophysical Journal</i> , 2017, 841, 86.	1.6	59
54	The empty primordial asteroid belt. <i>Science Advances</i> , 2017, 3, e1701138.	4.7	99

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55	A deeper view of the CoRoT-9 planetary system. <i>Astronomy and Astrophysics</i> , 2017, 603, A43.	2.1	9
56	Water loss from terrestrial planets orbiting ultracool dwarfs: implications for the planets of TRAPPIST-1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 3728-3741.	1.6	197
57	Breaking the chains: hot super-Earth systems from migration and disruption of compact resonant chains. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 1750-1770.	1.6	244
58	Origin of water in the inner Solar System: Planetesimals scattered inward during Jupiter and Saturn's rapid gas accretion. <i>Icarus</i> , 2017, 297, 134-148.	1.1	197
59	The habitability of Proxima Centauri b. <i>Astronomy and Astrophysics</i> , 2016, 596, A111.	2.1	165
60	THE ASTEROID BELT AS A RELIC FROM A CHAOTIC EARLY SOLAR SYSTEM. <i>Astrophysical Journal</i> , 2016, 833, 40.	1.6	62
61	The habitability of Proxima Centauri b. <i>Astronomy and Astrophysics</i> , 2016, 596, A112.	2.1	191
62	Did Jupiter's core form in the innermost parts of the Sun's protoplanetary disc?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 2962-2972.	1.6	46
63	Is there an exoplanet in the Solar system?. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 460, L109-L113.	1.2	65
64	Migration of accreting planets in radiative discs from dynamical torques. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 4130-4140.	1.6	30
65	Challenges in planet formation. <i>Journal of Geophysical Research E: Planets</i> , 2016, 121, 1962-1980.	1.5	127
66	<i>Mercury-T</i> : A new code to study tidally evolving multi-planet systems. Applications to Kepler-62. <i>Astronomy and Astrophysics</i> , 2015, 583, A116.	2.1	52
67	Accretion of Uranus and Neptune from inward-migrating planetary embryos blocked by Jupiter and Saturn. <i>Astronomy and Astrophysics</i> , 2015, 582, A99.	2.1	63
68	Terrestrial planet formation constrained by Mars and the structure of the asteroid belt. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 3620-3635.	1.6	94
69	GAS GIANT PLANETS AS DYNAMICAL BARRIERS TO INWARD-MIGRATING SUPER-EARTHS. <i>Astrophysical Journal Letters</i> , 2015, 800, L22.	3.0	89
70	A primordial origin for the compositional similarity between the Earth and the Moon. <i>Nature</i> , 2015, 520, 212-215.	13.7	83
71	LONG-LIVED CHAOTIC ORBITAL EVOLUTION OF EXOPLANETS IN MEAN MOTION RESONANCES WITH MUTUAL INCLINATIONS. <i>Astrophysical Journal</i> , 2015, 801, 101.	1.6	40
72	Hot super-Earths and giant planet cores from different migration histories. <i>Astronomy and Astrophysics</i> , 2014, 569, A56.	2.1	132

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73	No universal minimum-mass extrasolar nebula: evidence against <i>in situ</i> accretion of systems of hot super-Earths. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2014, 440, L11-L15.	1.2	126
74	TERRESTRIAL PLANET FORMATION IN THE PRESENCE OF MIGRATING SUPER-EARTHS. <i>Astrophysical Journal</i> , 2014, 794, 11.	1.6	63
75	OUTWARD MIGRATION OF JUPITER AND SATURN IN 3:2 OR 2:1 RESONANCE IN RADIATIVE DISKS: IMPLICATIONS FOR THE GRAND TACK AND NICE MODELS. <i>Astrophysical Journal Letters</i> , 2014, 795, L11.	3.0	91
76	VERY WIDE BINARY STARS AS THE PRIMARY SOURCE OF STELLAR COLLISIONS IN THE GALAXY. <i>Astrophysical Journal</i> , 2014, 782, 60.	1.6	41
77	ROSSITER-MCLAUGHLIN OBSERVATIONS OF 55 Cnc e. <i>Astrophysical Journal Letters</i> , 2014, 792, L31.	3.0	33
78	The Grand Tack model: a critical review. <i>Proceedings of the International Astronomical Union</i> , 2014, 9, 194-203.	0.0	26
79	Vega's hot dust from icy planetesimals scattered inwards by an outward-migrating planetary system. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2014, 442, L18-L22.	1.2	39
80	ORBITAL DYNAMICS OF MULTI-PLANET SYSTEMS WITH ECCENTRICITY DIVERSITY. <i>Astrophysical Journal</i> , 2014, 784, 104.	1.6	31
81	Planetesimal-driven migration as an explanation for observations of high levels of warm, exozodiacal dust. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 2380-2391.	1.6	66
82	Highly siderophile elements in Earth's mantle as a clock for the Moon-forming impact. <i>Nature</i> , 2014, 508, 84-87.	13.7	191
83	An Earth-Sized Planet in the Habitable Zone of a Cool Star. <i>Science</i> , 2014, 344, 277-280.	6.0	252
84	Disruption of co-orbital (1:1) planetary resonances during gas-driven orbital migration. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 2296-2303.	1.6	12
85	FORMATION, TIDAL EVOLUTION, AND HABITABILITY OF THE KEPLER-186 SYSTEM. <i>Astrophysical Journal</i> , 2014, 793, 3.	1.6	55
86	Water delivery and giant impacts in the "Grand Tack" scenario. <i>Icarus</i> , 2014, 239, 74-84.	1.1	209
87	Tidal evolution in multiple planet systems: application to Kepler-62 and Kepler-186. <i>Proceedings of the International Astronomical Union</i> , 2014, 9, 58-61.	0.0	0
88	Formation of telluric planets and the origin of terrestrial water. <i>BIO Web of Conferences</i> , 2014, 2, 01003.	0.1	0
89	Dynamical and collisional constraints on a stochastic late veneer on the terrestrial planets. <i>Icarus</i> , 2013, 226, 671-681.	1.1	59
90	The Science of Exoplanets and Their Systems. <i>Astrobiology</i> , 2013, 13, 793-813.	1.5	10

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91	Tidal dissipation and eccentricity pumping: Implications for the depth of the secondary eclipse of 55 Cancri e. <i>Astronomy and Astrophysics</i> , 2013, 556, A17.	2.1	29
92	Planetary system disruption by Galactic perturbations to wide binary stars. <i>Nature</i> , 2013, 493, 381-384.	13.7	131
93	The short-lived production of exozodiacal dust in the aftermath of a dynamical instability in planetary systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 2938-2945.	1.6	56
94	Mini-Oort clouds: compact isotropic planetesimal clouds from planet-planet scattering. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2013, 429, L99-L103.	1.2	37
95	HABITABLE PLANETS ECLIPSING BROWN DWARFS: STRATEGIES FOR DETECTION AND CHARACTERIZATION. <i>Astrophysical Journal</i> , 2013, 768, 125.	1.6	40
96	SECULAR BEHAVIOR OF EXOPLANETS: SELF-CONSISTENCY AND COMPARISONS WITH THE PLANET-PLANET SCATTERING HYPOTHESIS. <i>Astronomical Journal</i> , 2013, 146, 63.	1.9	30
97	SOLAR SYSTEM MOONS AS ANALOGS FOR COMPACT EXOPLANETARY SYSTEMS. <i>Astronomical Journal</i> , 2013, 146, 122.	1.9	15
98	Primordial Origins of Earth's Carbon. <i>Reviews in Mineralogy and Geochemistry</i> , 2013, 75, 149-181.	2.2	69
99	The effect of rotation and tidal heating on the thermal lightcurves of super Mercuries. <i>Astronomy and Astrophysics</i> , 2013, 555, A51.	2.1	20
100	Making giant planet cores: convergent migration and growth of planetary embryos in non-isothermal discs. <i>Astronomy and Astrophysics</i> , 2013, 558, A105.	2.1	24
101	Making systems of Super Earths by inward migration of planetary embryos. <i>Proceedings of the International Astronomical Union</i> , 2013, 8, 360-364.	0.0	5
102	Convergence zones for Type I migration: an inward shift for multiple planet systems. <i>Astronomy and Astrophysics</i> , 2013, 553, L2.	2.1	44
103	6. Primordial Origins of Earth's Carbon. , 2013, , 149-182.		1
104	Migration & Extra-solar Terrestrial Planets: Watering the Planets. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 229-234.	0.0	0
105	Shaping of the Inner Solar System by the Gas-Driven Migration of Jupiter. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 204-211.	0.0	0
106	THE COMPOSITIONAL DIVERSITY OF EXTRASOLAR TERRESTRIAL PLANETS. II. MIGRATION SIMULATIONS. <i>Astrophysical Journal</i> , 2012, 760, 44.	1.6	72
107	High precision astrometry mission for the detection and characterization of nearby habitable planetary systems with the Nearby Earth Astrometric Telescope (NEAT). <i>Experimental Astronomy</i> , 2012, 34, 385-413.	1.6	73
108	Populating the asteroid belt from two parent source regions due to the migration of giant planetsâ€”â€œThe Grand Tackâ€œ. <i>Meteoritics and Planetary Science</i> , 2012, 47, 1941-1947.	0.7	118

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109	Debris disks as signposts of terrestrial planet formation. <i>Astronomy and Astrophysics</i> , 2012, 541, A11.	2.1	73
110	Planetâ€“planet scattering alone cannot explain the free-floating planet population. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2012, 421, L117-L121.	1.2	94
111	Effect of the stellar spin history on the tidal evolution of close-in planets. <i>Astronomy and Astrophysics</i> , 2012, 544, A124.	2.1	56
112	Exaggerated Milankovitch-Like Eccentricity Cycles and Extreme Exoplanet Climate Variation. , 2012, , 141-145.		0
113	A low mass for Mars from Jupiterâ€™s early gas-driven migration. <i>Nature</i> , 2011, 475, 206-209.	13.7	992
114	Tidal evolution of planets around brown dwarfs. <i>Astronomy and Astrophysics</i> , 2011, 535, A94.	2.1	39
115	55 CANCRI: STELLAR ASTROPHYSICAL PARAMETERS, A PLANET IN THE HABITABLE ZONE, AND IMPLICATIONS FOR THE RADIUS OF A TRANSITING SUPER-EARTH. <i>Astrophysical Journal</i> , 2011, 740, 49.	1.6	116
116	Two phase, inward-then-outward migration of Jupiter and Saturn in the gaseous solar nebula. <i>Astronomy and Astrophysics</i> , 2011, 533, A131.	2.1	60
117	Debris disks as signposts of terrestrial planet formation. <i>Astronomy and Astrophysics</i> , 2011, 530, A62.	2.1	130
118	55 CANCRI: A COPLANAR PLANETARY SYSTEM THAT IS LIKELY MISALIGNED WITH ITS STAR. <i>Astrophysical Journal Letters</i> , 2011, 742, L24.	3.0	37
119	Dynamical Models of Terrestrial Planet Formation. <i>Advanced Science Letters</i> , 2011, 4, 325-338.	0.2	20
120	The debris disk â€“ terrestrial planet connection. <i>Proceedings of the International Astronomical Union</i> , 2010, 6, 82-88.	0.0	2
121	GENERALIZED MILANKOVITCH CYCLES AND LONG-TERM CLIMATIC HABITABILITY. <i>Astrophysical Journal</i> , 2010, 721, 1308-1318.	1.6	110
122	HABITABLE CLIMATES: THE INFLUENCE OF ECCENTRICITY. <i>Astrophysical Journal</i> , 2010, 721, 1295-1307.	1.6	127
123	The roles of tidal evolution and evaporative mass loss in the origin of CoRoT-7 b. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 407, 910-922.	1.6	82
124	PLANET-PLANET SCATTERING IN PLANETESIMAL DISKS. II. PREDICTIONS FOR OUTER EXTRASOLAR PLANETARY SYSTEMS. <i>Astrophysical Journal</i> , 2010, 711, 772-795.	1.6	127
125	CoRoT-7b: SUPER-EARTH OR SUPER-Io?. <i>Astrophysical Journal Letters</i> , 2010, 709, L95-L98.	3.0	53
126	Detectability of Earth-like Planets in Multi-Planet Systems: Preliminary Report. <i>EAS Publications Series</i> , 2010, 42, 191-199.	0.3	39

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127	THE HD 40307 PLANETARY SYSTEM: SUPER-EARTHS OR MINI-NEPTUNES?. <i>Astrophysical Journal</i> , 2009, 695, 1006-1011.	1.6	60
128	STABILITY OF ADDITIONAL PLANETS IN AND AROUND THE HABITABLE ZONE OF THE HD 47186 PLANETARY SYSTEM. <i>Astrophysical Journal</i> , 2009, 695, L181-L184.	1.6	9
129	Building the terrestrial planets: Constrained accretion in the inner Solar System. <i>Icarus</i> , 2009, 203, 644-662.	1.1	356
130	TIDAL LIMITS TO PLANETARY HABITABILITY. <i>Astrophysical Journal</i> , 2009, 700, L30-L33.	1.6	113
131	PLANET-PLANET SCATTERING IN PLANETESIMAL DISKS. <i>Astrophysical Journal</i> , 2009, 699, L88-L92.	1.6	83
132	PLANET-PLANET SCATTERING LEADS TO TIGHTLY PACKED PLANETARY SYSTEMS. <i>Astrophysical Journal</i> , 2009, 696, L98-L101.	1.6	91
133	²⁶ Al AND THE FORMATION OF THE SOLAR SYSTEM FROM A MOLECULAR CLOUD CONTAMINATED BY WOLF-RAYET WINDS. <i>Astrophysical Journal</i> , 2009, 696, 1854-1863.	1.6	96
134	Realistic survey simulations for kilometer class near Earth objects. <i>Icarus</i> , 2008, 193, 53-73.	1.1	8
135	Tides and the Evolution of Planetary Habitability. <i>Astrobiology</i> , 2008, 8, 557-568.	1.5	96
136	A Dynamical Perspective on Additional Planets in 55 Cancri. <i>Astrophysical Journal</i> , 2008, 689, 478-491.	1.6	47
137	Mean Motion Resonances from Planet-Planet Scattering. <i>Astrophysical Journal</i> , 2008, 687, L107-L110.	1.6	108
138	Extrasolar Planet Eccentricities from Scattering in the Presence of Residual Gas Disks. <i>Astrophysical Journal</i> , 2008, 688, 1361-1367.	1.6	43
139	The Successful Prediction of the Extrasolar Planet HD 74156d. <i>Astrophysical Journal</i> , 2008, 680, L57-L60.	1.6	44
140	NEAR-EARTH OBJECT SURVEY SIMULATIONS WITH A REVISED POPULATION MODEL. <i>Journal of the Korean Astronomical Society</i> , 2008, 41, 7-15.	1.5	1
141	A Decreased Probability of Habitable Planet Formation around Low-Mass Stars. <i>Astrophysical Journal</i> , 2007, 669, 606-614.	1.6	186
142	Formation of Earth-Like Planets During and After Giant Planet Migration. <i>Astrophysical Journal</i> , 2007, 660, 823-844.	1.6	131
143	Terrestrial planet formation in extra-solar planetary systems. <i>Proceedings of the International Astronomical Union</i> , 2007, 3, 233-250.	0.0	4
144	High-Resolution Simulations of The Final Assembly of Earth-Like Planets. 2. Water Delivery And Planetary Habitability. <i>Astrobiology</i> , 2007, 7, 66-84.	1.5	153

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145	New Worlds on the Horizon: Earth-Sized Planets Close to Other Stars. <i>Science</i> , 2007, 318, 210-213.	6.0	59
146	Habitable Planet Formation in Binary Planetary Systems. <i>Astrophysical Journal</i> , 2007, 666, 436-446.	1.6	90
147	Exotic Earths: Forming Habitable Worlds with Giant Planet Migration. <i>Science</i> , 2006, 313, 1413-1416.	6.0	187
148	Predicting Planets in Known Extrasolar Planetary Systems. III. Forming Terrestrial Planets. <i>Astrophysical Journal</i> , 2006, 644, 1223-1231.	1.6	74
149	The Search for Other Earths: Limits on the Giant Planet Orbits That Allow Habitable Terrestrial Planets to Form. <i>Astrophysical Journal</i> , 2006, 643, L131-L134.	1.6	70
150	High-resolution simulations of the final assembly of Earth-like planets I. Terrestrial accretion and dynamics. <i>Icarus</i> , 2006, 183, 265-282.	1.1	323
151	Predicting Planets in Known Extrasolar Planetary Systems. II. Testing for Saturn Mass Planets. <i>Astrophysical Journal</i> , 2005, 619, 549-557.	1.6	68
152	The formation and habitability of terrestrial planets in the presence of close-in giant planets. <i>Icarus</i> , 2005, 177, 256-263.	1.1	65
153	Terrestrial Planet Formation in Disks with Varying Surface Density Profiles. <i>Astrophysical Journal</i> , 2005, 632, 670-676.	1.6	117
154	Making other earths: dynamical simulations of terrestrial planet formation and water delivery. <i>Icarus</i> , 2004, 168, 1-17.	1.1	396
155	Spectroscopic Properties of Cool Stars in the Sloan Digital Sky Survey: An Analysis of Magnetic Activity and a Search for Subdwarfs. <i>Astronomical Journal</i> , 2004, 128, 426-436.	1.9	272
156	Predicting Planets in Known Extrasolar Planetary Systems. I. Test Particle Simulations. <i>Astrophysical Journal</i> , 2004, 617, 569-574.	1.6	101
157	A Strategy for Finding Near-Earth Objects with the SDSS Telescope. <i>Astronomical Journal</i> , 2004, 127, 2978-2987.	1.9	11
158	The First Data Release of the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2003, 126, 2081-2086.	1.9	800
159	A First Look at White Dwarf-M Dwarf Pairs in the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2003, 125, 2621-2629.	1.9	62
160	Cataclysmic Variables from the Sloan Digital Sky Survey. II. The Second Year. <i>Astronomical Journal</i> , 2003, 126, 1499-1514.	1.9	138
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