

David NesvornÃ½

List of Publications by Year in descending order

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Version: 2024-02-01

207
papers

15,022
citations

13099

68
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22166

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210
docs citations

210
times ranked

5569
citing authors

#	ARTICLE	IF	CITATIONS
1	Col-OSSOS: Probing Ice Line/Color Transitions within the Kuiper Belt's Progenitor Populations. <i>Planetary Science Journal</i> , 2022, 3, 9.	3.6	3
2	TOI-216: Resonant Constraints on Planet Migration. <i>Astrophysical Journal</i> , 2022, 925, 38.	4.5	12
3	Dynamical Implantation of Blue Binaries in the Cold Classical Kuiper Belt. <i>Astronomical Journal</i> , 2022, 163, 137.	4.7	5
4	Origin and Dynamical Evolution of the Asteroid Belt. , 2022, , 227-249.		9
5	Exogenous delivery of water to Mercury. <i>Icarus</i> , 2022, 383, 114980.	2.5	4
6	Thermal Processing of Jupiter-family Comets during Their Chaotic Orbital Evolution. <i>Astrophysical Journal</i> , 2022, 928, 43.	4.5	15
7	HD 28109 hosts a trio of transiting Neptunian planets including a near-resonant pair, confirmed by ASTEP from Antarctica. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 1328-1345.	4.4	9
8	A re-assessment of the Kuiper belt size distribution for sub-kilometer objects, revealing collisional equilibrium at small sizes. <i>Icarus</i> , 2021, 356, 114256.	2.5	28
9	The Formation of Bilobate Comet Shapes through Sublimative Torques. <i>Planetary Science Journal</i> , 2021, 2, 14.	3.6	8
10	The Role of Early Giant-planet Instability in Terrestrial Planet Formation. <i>Astronomical Journal</i> , 2021, 161, 50.	4.7	35
11	Binary Planetesimal Formation from Gravitationally Collapsing Pebble Clouds. <i>Planetary Science Journal</i> , 2021, 2, 27.	3.6	21
12	Eccentric Early Migration of Neptune. <i>Astrophysical Journal Letters</i> , 2021, 908, L47.	8.3	13
13	Astrocladistics of the Jovian Trojan Swarms. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 1571-1608.	4.4	7
14	Col-OSSOS: The Distinct Color Distribution of Single and Binary Cold Classical KBOs. <i>Planetary Science Journal</i> , 2021, 2, 90.	3.6	5
15	The young Adelaide family: Possible sibling to Datura?. <i>Astronomy and Astrophysics</i> , 2021, 649, A115.	5.1	6
16	Can a jumping-Jupiter trigger the Moon's formation impact?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 539-547.	4.4	10
17	Early terrestrial planet formation by torque-driven convergent migration of planetary embryos. <i>Nature Astronomy</i> , 2021, 5, 898-902.	10.1	18
18	The young Hobson family: Possible binary parent body and low-velocity dispersal. <i>Astronomy and Astrophysics</i> , 2021, 654, A75.	5.1	5

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19	Dark primitive asteroids account for a large share of K/Pg-scale impacts on the Earth. <i>Icarus</i> , 2021, 368, 114621.	2.5	9
20	The Stability Boundary of the Distant Scattered Disk. <i>Astrophysical Journal</i> , 2021, 920, 148.	4.5	6
21	Delayed and variable late Archaean atmospheric oxidation due to high collision rates on Earth. <i>Nature Geoscience</i> , 2021, 14, 827-831.	12.9	15
22	<sc>isymba</sc>: a symplectic massive bodies integrator with planets interpolation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 4858-4868.	4.4	3
23	A Pair of Warm Giant Planets near the 2:1 Mean Motion Resonance around the K-dwarf Star TOI-2202*. <i>Astronomical Journal</i> , 2021, 162, 283.	4.7	13
24	Cosmic dust fluxes in the atmospheres of Earth, Mars, and Venus. <i>Icarus</i> , 2020, 335, 113395.	2.5	53
25	Effects of protoplanetary nebula on orbital dynamics of planetesimals in the outer Solar system. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2020, 132, 1.	1.4	3
26	Trans-Neptunian binaries (2018). , 2020, , 205-224.		14
27	Kuiper belt: Formation and evolution. , 2020, , 25-59.		44
28	Evolution of the Earth's atmosphere during Late Veneer accretion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 5334-5362.	4.4	17
29	Stability of Jovian Trojans and their collisional families. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 4085-4097.	4.4	17
30	Superparticle Method for Simulating Collisions. <i>Astrophysical Journal</i> , 2020, 895, 63.	4.5	5
31	Very Slow Rotators from Tidally Synchronized Binaries. <i>Astrophysical Journal Letters</i> , 2020, 893, L16.	8.3	9
32	A super-Earth and a mini-Neptune around Kepler-59. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 5238-5247.	4.4	5
33	The solar nebula origin of (486958) Arrokoth, a primordial contact binary in the Kuiper Belt. <i>Science</i> , 2020, 367, .	12.6	79
34	Migration of gap-opening planets in 3D stellar-irradiated accretion disks. <i>Astronomy and Astrophysics</i> , 2020, 642, A219.	5.1	7
35	A pair of Jovian Trojans at the L4 Lagrange point. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 3630-3649.	4.4	4
36	OSSOS XX: The Meaning of Kuiper Belt Colors. <i>Astronomical Journal</i> , 2020, 160, 46.	4.7	26

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37	Clarissa Family Age from the Yarkovsky Effect Chronology. <i>Astronomical Journal</i> , 2020, 160, 127.	4.7	4
38	Modeling the Chronologies and Size Distributions of Ceres and Vesta Craters. <i>Astronomical Journal</i> , 2020, 160, 110.	4.7	9
39	Influence of Neptune's Migration Parameters on the Inclination Distribution of Kuiper Belt Objects (KBOs). <i>Research Notes of the AAS</i> , 2020, 4, 212.	0.7	3
40	How to find a planet from transit variations. <i>New Astronomy Reviews</i> , 2019, 84, 101507.	12.8	3
41	OSSOS. XIX. Testing Early Solar System Dynamical Models Using OSSOS Centaur Detections. <i>Astronomical Journal</i> , 2019, 158, 132.	4.7	19
42	A resonant pair of warm giant planets revealed by TESS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 4980-4986.	4.4	27
43	Trans-Neptunian binaries as evidence for planetesimal formation by the streaming instability. <i>Nature Astronomy</i> , 2019, 3, 808-812.	10.1	102
44	Binary survival in the outer solar system. <i>Icarus</i> , 2019, 331, 49-61.	2.5	39
45	Masses of the Kepler-419 planets from transit timing variations analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 4965-4971.	4.4	4
46	Origin and Evolution of Long-period Comets. <i>Astronomical Journal</i> , 2019, 157, 181.	4.7	57
47	Modeling the Altitude Distribution of Meteor Head Echoes Observed with HPLA Radars: Implications for the Radar Detectability of Meteoroid Populations. <i>Astronomical Journal</i> , 2019, 157, 179.	4.7	8
48	Meteoroids at the Moon: Orbital Properties, Surface Vaporization, and Impact Ejecta Production. <i>Journal of Geophysical Research E: Planets</i> , 2019, 124, 752-778.	3.6	49
49	Mutual orbit orientations of transneptunian binaries. <i>Icarus</i> , 2019, 334, 62-78.	2.5	35
50	Constraining the Ratio of Micrometeoroids From Short- and Long-Period Comets at 1 AU From LADEE Observations of the Lunar Dust Cloud. <i>Geophysical Research Letters</i> , 2018, 45, 1713-1722.	4.0	24
51	Debiased orbit and absolute-magnitude distributions for near-Earth objects. <i>Icarus</i> , 2018, 312, 181-207.	2.5	156
52	On the age of the Nele asteroid family. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 1308-1317.	4.4	7
53	The timeline of the lunar bombardment: Revisited. <i>Icarus</i> , 2018, 305, 262-276.	2.5	186
54	Dynamical Origin and Terrestrial Impact Flux of Large Near-Earth Asteroids. <i>Astronomical Journal</i> , 2018, 155, 42.	4.7	9

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55	Planetary chaos and the (In)stability of Hungaria asteroids. <i>Icarus</i> , 2018, 304, 9-13.	2.5	8
56	Checking the compatibility of the cold Kuiper belt with a planetary instability migration model. <i>Icarus</i> , 2018, 306, 319-327.	2.5	28
57	Binary Planet Formation by Gas-assisted Encounters of Planetary Embryos. <i>Astrophysical Journal</i> , 2018, 868, 145.	4.5	4
58	Bi-lobed Shape of Comet 67P from a Collapsed Binary. <i>Astronomical Journal</i> , 2018, 155, 246.	4.7	17
59	Evidence for very early migration of the Solar System planets from the Patroclus–Menoetius binary Jupiter Trojan. <i>Nature Astronomy</i> , 2018, 2, 878-882.	10.1	104
60	Excitation of a Primordial Cold Asteroid Belt as an Outcome of Planetary Instability. <i>Astrophysical Journal</i> , 2018, 864, 50.	4.5	39
61	Cladistical Analysis of the Jovian and Saturnian Satellite Systems. <i>Astrophysical Journal</i> , 2018, 859, 97.	4.5	11
62	Dynamical Evolution of the Early Solar System. <i>Annual Review of Astronomy and Astrophysics</i> , 2018, 56, 137-174.	24.3	173
63	The young Datura asteroid family. <i>Astronomy and Astrophysics</i> , 2017, 598, A91.	5.1	31
64	Constraining the Giant Planets’s Initial Configuration from Their Evolution: Implications for the Timing of the Planetary Instability. <i>Astronomical Journal</i> , 2017, 153, 153.	4.7	84
65	Escape of asteroids from the main belt. <i>Astronomy and Astrophysics</i> , 2017, 598, A52.	5.1	77
66	Modeling the Historical Flux of Planetary Impactors. <i>Astronomical Journal</i> , 2017, 153, 103.	4.7	70
67	Forming the Flora Family: Implications for the Near-Earth Asteroid Population and Large Terrestrial Planet Impactors. <i>Astronomical Journal</i> , 2017, 153, 172.	4.7	33
68	CO oxidation and O ₂ removal on meteoric material in Venus’s atmosphere. <i>Icarus</i> , 2017, 296, 150-162.	2.5	7
69	All planetesimals born near the Kuiper belt formed as binaries. <i>Nature Astronomy</i> , 2017, 1, .	10.1	63
70	Masses of Kepler-46b, c from Transit Timing Variations. <i>Astronomical Journal</i> , 2017, 153, 198.	4.7	32
71	Detection of the Yarkovsky effect for C-type asteroids in the Veritas family. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 4400-4413.	4.4	19
72	Origin and Evolution of Short-period Comets. <i>Astrophysical Journal</i> , 2017, 845, 27.	4.5	106

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73	Radar Detectability Studies of Slow and Small Zodiacal Dust Cloud Particles. III. The Role of Sodium and the Head Echo Size on the Probability of Detection. <i>Astrophysical Journal</i> , 2017, 843, 1.	4.5	33
74	Scattering V-type asteroids during the giant planet instability: a step for Jupiter, a leap for basalt. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 1236-1244.	4.4	14
75	NEPTUNE'S ORBITAL MIGRATION WAS GRAINY, NOT SMOOTH. <i>Astrophysical Journal</i> , 2016, 825, 94.	4.5	124
76	Sources of cosmic dust in the Earth's atmosphere. <i>Geophysical Research Letters</i> , 2016, 43, 11979-11986.	4.0	138
77	Neptune trojan formation during planetary instability and migration. <i>Astronomy and Astrophysics</i> , 2016, 592, A146.	5.1	15
78	Is the Grand Tack model compatible with the orbital distribution of main belt asteroids?. <i>Icarus</i> , 2016, 272, 114-124.	2.5	43
79	Hektor – an exceptional D-type family among Jovian Trojans. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 2319-2332.	4.4	19
80	THE ORBITAL DISTRIBUTION OF TRANS-NEPTUNIAN OBJECTS BEYOND 50 au. <i>Astrophysical Journal Letters</i> , 2016, 827, L35.	8.3	37
81	DYNAMICS AND TRANSIT VARIATIONS OF RESONANT EXOPLANETS. <i>Astrophysical Journal</i> , 2016, 823, 72.	4.5	51
82	CAPTURE OF TRANS-NEPTUNIAN PLANETESIMALS IN THE MAIN ASTEROID BELT. <i>Astronomical Journal</i> , 2016, 152, 39.	4.7	100
83	THE SCHULHOF FAMILY: SOLVING THE AGE PUZZLE. <i>Astronomical Journal</i> , 2016, 151, 56.	4.7	10
84	DETECTION OF THE YORP EFFECT FOR SMALL ASTEROIDS IN THE KARIN CLUSTER. <i>Astronomical Journal</i> , 2016, 151, 164.	4.7	22
85	Footprints of a possible Ceres asteroid paleo-family. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 1117-1126.	4.4	17
86	JUMPING JUPITER CAN EXPLAIN MERCURY'S ORBIT. <i>Astrophysical Journal Letters</i> , 2016, 820, L30.	8.3	48
87	Constraints on the original ejection velocity fields of asteroid families. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 1332-1338.	4.4	37
88	Characterizing the original ejection velocity field of the Koronis family. <i>Icarus</i> , 2016, 271, 57-66.	2.5	12
89	Dynamical dispersal of primordial asteroid families. <i>Icarus</i> , 2016, 266, 142-151.	2.5	22
90	THE HUNT FOR EXOMOONS WITH KEPLER (HEK). V. A SURVEY OF 41 PLANETARY CANDIDATES FOR EXOMOONS. <i>Astrophysical Journal</i> , 2015, 813, 14.	4.5	80

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91	EVIDENCE FOR SLOW MIGRATION OF NEPTUNE FROM THE INCLINATION DISTRIBUTION OF KUIPER BELT OBJECTS. <i>Astronomical Journal</i> , 2015, 150, 73.	4.7	149
92	Measurements of the vertical fluxes of atomic Fe and Na at the mesopause: Implications for the velocity of cosmic dust entering the atmosphere. <i>Geophysical Research Letters</i> , 2015, 42, 169-175.	4.0	31
93	On the size and velocity distribution of cosmic dust particles entering the atmosphere. <i>Geophysical Research Letters</i> , 2015, 42, 6518-6525.	4.0	63
94	THE EVOLUTION OF ASTEROIDS IN THE JUMPING-JUPITER MIGRATION MODEL. <i>Astronomical Journal</i> , 2015, 150, 186.	4.7	80
95	TILTING JUPITER (A BIT) AND SATURN (A LOT) DURING PLANETARY MIGRATION. <i>Astrophysical Journal</i> , 2015, 806, 143.	4.5	62
96	RADAR DETECTABILITY STUDIES OF SLOW AND SMALL ZODIACAL DUST CLOUD PARTICLES. II. A STUDY OF THREE RADARS WITH DIFFERENT SENSITIVITY. <i>Astrophysical Journal</i> , 2015, 807, 13.	4.5	15
97	JUMPING NEPTUNE CAN EXPLAIN THE KUIPER BELT KERNEL. <i>Astronomical Journal</i> , 2015, 150, 68.	4.7	121
98	Identification and Dynamical Properties of Asteroid Families. , 2015, , .		51
99	ORBITAL PERTURBATIONS OF THE GALILEAN SATELLITES DURING PLANETARY ENCOUNTERS. <i>Astronomical Journal</i> , 2014, 148, 25.	4.7	57
100	DYNAMICAL MODEL FOR THE TOROIDAL SPORADIC METEORS. <i>Astrophysical Journal</i> , 2014, 789, 25.	4.5	69
101	Hungaria asteroid family as the source of aubrite meteorites. <i>Icarus</i> , 2014, 239, 154-159.	2.5	20
102	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.	8.3	91
103	THE HUNT FOR EXOMOONS WITH KEPLER (HEK). IV. A SEARCH FOR MOONS AROUND EIGHT M DWARFS. <i>Astrophysical Journal</i> , 2014, 784, 28.	4.5	79
104	PHOTO-DYNAMICAL ANALYSIS OF THREE KEPLER OBJECTS OF INTEREST WITH SIGNIFICANT TRANSIT TIMING VARIATIONS. <i>Astrophysical Journal</i> , 2014, 790, 31.	4.5	39
105	CAPTURE OF IRREGULAR SATELLITES AT JUPITER. <i>Astrophysical Journal</i> , 2014, 784, 22.	4.5	89
106	RADAR DETECTABILITY STUDIES OF SLOW AND SMALL ZODIACAL DUST CLOUD PARTICLES. I. THE CASE OF ARECIBO 430 MHz METEOR HEAD ECHO OBSERVATIONS. <i>Astrophysical Journal</i> , 2014, 796, 41.	4.5	33
107	EXCITATION OF THE ORBITAL INCLINATION OF IAPETUS DURING PLANETARY ENCOUNTERS. <i>Astronomical Journal</i> , 2014, 148, 52.	4.7	42
108	THE EFFECT OF CONJUNCTIONS ON THE TRANSIT TIMING VARIATIONS OF EXOPLANETS. <i>Astrophysical Journal</i> , 2014, 790, 58.	4.5	70

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109	Olivine-dominated asteroids: Mineralogy and origin. <i>Icarus</i> , 2014, 228, 288-300.	2.5	52
110	TTVFast: AN EFFICIENT AND ACCURATE CODE FOR TRANSIT TIMING INVERSION PROBLEMS. <i>Astrophysical Journal</i> , 2014, 787, 132.	4.5	124
111	The Meteoroid Input Function and predictions of mid-latitude meteor observations by the MU radar. <i>Icarus</i> , 2013, 223, 444-459.	2.5	30
112	THE HUNT FOR EXOMOONS WITH KEPLER (HEK). II. ANALYSIS OF SEVEN VIABLE SATELLITE-HOSTING PLANET CANDIDATES. <i>Astrophysical Journal</i> , 2013, 770, 101.	4.5	79
113	A multidomain approach to asteroid families'™ identification. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 2075-2096.	4.4	50
114	THE HUNT FOR EXOMOONS WITH KEPLER (HEK). III. THE FIRST SEARCH FOR AN EXOMOON AROUND A HABITABLE-ZONE PLANET. <i>Astrophysical Journal</i> , 2013, 777, 134.	4.5	64
115	Constraining the primordial orbits of the terrestrial planets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 3417-3427.	4.4	71
116	KOI-142, THE KING OF TRANSIT VARIATIONS, IS A PAIR OF PLANETS NEAR THE 2:1 RESONANCE. <i>Astrophysical Journal</i> , 2013, 777, 3.	4.5	135
117	CAPTURE OF TROJANS BY JUMPING JUPITER. <i>Astrophysical Journal</i> , 2013, 768, 45.	4.5	203
118	Early dynamical instabilities in the giant planet systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 431, 3494-3500.	4.4	43
119	Constraining the cometary flux through the asteroid belt during the late heavy bombardment. <i>Astronomy and Astrophysics</i> , 2013, 551, A117.	5.1	106
120	THE HUNT FOR EXOMOONS WITH KEPLER (HEK). I. DESCRIPTION OF A NEW OBSERVATIONAL PROJECT. <i>Astrophysical Journal</i> , 2012, 750, 115.	4.5	146
121	STATISTICAL STUDY OF THE EARLY SOLAR SYSTEM'S INSTABILITY WITH FOUR, FIVE, AND SIX GIANT PLANETS. <i>Astronomical Journal</i> , 2012, 144, 117.	4.7	277
122	An Archaean heavy bombardment from a destabilized extension of the asteroid belt. <i>Nature</i> , 2012, 485, 78-81.	27.8	345
123	Dynamical capture in the Pluto-Charon system. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2012, 114, 341-352.	1.4	16
124	Spectra of asteroid families in support of Gaia. <i>Planetary and Space Science</i> , 2012, 73, 95-97.	1.7	8
125	Delivery of dark material to Vesta via carbonaceous chondritic impacts. <i>Icarus</i> , 2012, 221, 544-559.	2.5	152
126	The Detection and Characterization of a Nontransiting Planet by Transit Timing Variations. <i>Science</i> , 2012, 336, 1133-1136.	12.6	150

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127	Å–pik-type collision probability for high-inclination orbits. <i>Icarus</i> , 2012, 219, 150-160.	2.5	26
128	Dynamics of pebbles in the vicinity of a growing planetary embryo: hydro-dynamical simulations. <i>Astronomy and Astrophysics</i> , 2012, 546, A18.	5.1	156
129	YOUNG SOLAR SYSTEM's FIFTH GIANT PLANET?. <i>Astrophysical Journal Letters</i> , 2011, 742, L22.	8.3	146
130	DYNAMICS OF DUST PARTICLES RELEASED FROM OORT CLOUD COMETS AND THEIR CONTRIBUTION TO RADAR METEORS. <i>Astrophysical Journal</i> , 2011, 743, 37.	4.5	58
131	DYNAMICAL MODEL FOR THE ZODIACAL CLOUD AND SPORADIC METEORS. <i>Astrophysical Journal</i> , 2011, 743, 129.	4.5	129
132	OBSERVED BINARY FRACTION SETS LIMITS ON THE EXTENT OF COLLISIONAL GRINDING IN THE KUIPER BELT. <i>Astronomical Journal</i> , 2011, 141, 159.	4.7	50
133	LATE ORBITAL INSTABILITIES IN THE OUTER PLANETS INDUCED BY INTERACTION WITH A SELF-GRAVITATING PLANETESIMAL DISK. <i>Astronomical Journal</i> , 2011, 142, 152.	4.7	204
134	HALF-BROTHERS IN THE SCHULHOF FAMILY?. <i>Astronomical Journal</i> , 2011, 142, 26.	4.7	18
135	COMETARY ORIGIN OF THE ZODIACAL CLOUD AND CARBONACEOUS MICROMETEORITES. IMPLICATIONS FOR HOT DEBRIS DISKS. <i>Astrophysical Journal</i> , 2010, 713, 816-836.	4.5	422
136	FAST INVERSION METHOD FOR DETERMINATION OF PLANETARY PARAMETERS FROM TRANSIT TIMING VARIATIONS. <i>Astrophysical Journal Letters</i> , 2010, 709, L44-L48.	8.3	37
137	Orbital evolution of small binary asteroids. <i>Icarus</i> , 2010, 207, 732-743.	2.5	62
138	Using the youngest asteroid clusters to constrain the space weathering and gardening rate on S-complex asteroids. <i>Icarus</i> , 2010, 208, 758-772.	2.5	36
139	Do planetary encounters reset surfaces of near Earth asteroids?. <i>Icarus</i> , 2010, 209, 510-519.	2.5	49
140	Accidental investigation. <i>Nature</i> , 2010, 467, 792-793.	27.8	0
141	THE IRREGULAR SATELLITES: THE MOST COLLISIONALLY EVOLVED POPULATIONS IN THE SOLAR SYSTEM. <i>Astronomical Journal</i> , 2010, 139, 994-1014.	4.7	103
142	COLLISIONALLY BORN FAMILY ABOUT 87 SYLVIA. <i>Astronomical Journal</i> , 2010, 139, 2148-2158.	4.7	18
143	Stochastic Late Accretion to Earth, the Moon, and Mars. <i>Science</i> , 2010, 330, 1527-1530.	12.6	194
144	FORMATION OF KUIPER BELT BINARIES BY GRAVITATIONAL COLLAPSE. <i>Astronomical Journal</i> , 2010, 140, 785-793.	4.7	185

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145	Almahata Sitta (=asteroid 2008 TC ₃) and the search for the ureilite parent body. <i>Meteoritics and Planetary Science</i> , 2010, 45, 1590-1617.	1.6	44
146	THE COMMON ROOTS OF ASTEROIDS (6070) RHEINLAND AND (54827) 2001 NQ8. <i>Astronomical Journal</i> , 2009, 137, 111-117.	4.7	30
147	CHAOTIC CAPTURE OF NEPTUNE TROJANS. <i>Astronomical Journal</i> , 2009, 137, 5003-5011.	4.7	57
148	Asteroids were born big. <i>Icarus</i> , 2009, 204, 558-573.	2.5	424
149	Contamination of the asteroid belt by primordial trans-Neptunian objects. <i>Nature</i> , 2009, 460, 364-366.	27.8	250
150	Asteroidal source of L chondrite meteorites. <i>Icarus</i> , 2009, 200, 698-701.	2.5	103
151	Considerations on the magnitude distributions of the Kuiper belt and of the Jupiter Trojans. <i>Icarus</i> , 2009, 202, 310-315.	2.5	55
152	Analysis of the Hungaria asteroid population. <i>Icarus</i> , 2009, 204, 172-182.	2.5	58
153	Datura family: the 2009 update. <i>Astronomy and Astrophysics</i> , 2009, 507, 495-504.	5.1	27
154	Fugitives from the Vesta family. <i>Icarus</i> , 2008, 193, 85-95.	2.5	78
155	V-type asteroids in the middle main belt. <i>Icarus</i> , 2008, 194, 125-136.	2.5	64
156	Redetermination of the space weathering rate using spectra of Iannini asteroid family members. <i>Icarus</i> , 2008, 195, 663-673.	2.5	31
157	The distribution of basaltic asteroids in the Main Belt. <i>Icarus</i> , 2008, 198, 77-90.	2.5	84
158	Evolution of Dust Trails into Bands. <i>Astrophysical Journal</i> , 2008, 672, 696-712.	4.5	18
159	PAIRS OF ASTEROIDS PROBABLY OF A COMMON ORIGIN. <i>Astronomical Journal</i> , 2008, 136, 280-290.	4.7	92
160	Origin of the Near-Ecliptic Circumsolar Dust Band. <i>Astrophysical Journal</i> , 2008, 679, L143-L146.	4.5	76
161	Mass and Orbit Determination from Transit Timing Variations of Exoplanets. <i>Astrophysical Journal</i> , 2008, 688, 636-646.	4.5	114
162	Visible spectroscopy of extremely young asteroid families. <i>Astronomy and Astrophysics</i> , 2008, 486, L9-L12.	5.1	29

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