

Scott G Tremaine

List of Publications by Year in descending order

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222
papers

38,931
citations

4641

85
h-index

3257

185
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226
all docs

226
docs citations

226
times ranked

12444
citing authors

#	ARTICLE	IF	CITATIONS
1	Secular Dynamics around a Supermassive black hole via Multipole Expansion. <i>Astrophysical Journal</i> , 2022, 931, 8.	1.6	5
2	Relaxation in a Fuzzy Dark Matter Halo. II. Self-consistent Kinetic Equations. <i>Astrophysical Journal</i> , 2021, 915, 27.	1.6	11
3	Thermal equilibrium of an ideal gas in a free-floating box. <i>American Journal of Physics</i> , 2021, 89, 789-792.	0.3	0
4	A Criterion for the Onset of Chaos in Compact, Eccentric Multiplanet Systems. <i>Astronomical Journal</i> , 2021, 162, 220.	1.9	16
5	Resonant capture in quadruple stellar systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 5583-5595.	1.6	12
6	Order-“disorder phase transition in black hole star clusters “ III. A mono-energetic cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 2632-2651.	1.6	7
7	Peas in a Pod? Radius Correlations in Kepler Multiplanet Systems. <i>Astronomical Journal</i> , 2020, 160, 160.	1.9	18
8	Order-Disorder Phase Transition in Black-Hole Star Clusters. <i>Physical Review Letters</i> , 2019, 123, 021103.	2.9	10
9	Relaxation in a Fuzzy Dark Matter Halo. <i>Astrophysical Journal</i> , 2019, 871, 28.	1.6	85
10	Producing Distant Planets by Mutual Scattering of Planetary Embryos. <i>Astronomical Journal</i> , 2018, 155, 75.	1.9	25
11	Measuring the mass distribution in stellar systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 946-956.	1.6	0
12	Ultralight scalars as cosmological dark matter. <i>Physical Review D</i> , 2017, 95, .	1.6	1,055
13	Lidov-“Kozai Cycles with Gravitational Radiation: Merging Black Holes in Isolated Triple Systems. <i>Astrophysical Journal</i> , 2017, 836, 39.	1.6	203
14	Isotropic-“Nematic Phase Transitions in Gravitational Systems. <i>Astrophysical Journal</i> , 2017, 842, 90.	1.6	30
15	Collisional Fragmentation Is Not a Barrier to Close-in Planet Formation. <i>Astronomical Journal</i> , 2017, 154, 175.	1.9	36
16	Galactic disc profiles and a universal angular momentum distribution from statistical physics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 5022-5032.	1.6	16
17	Hot Jupiters Driven by High-eccentricity Migration in Globular Clusters. <i>Astronomical Journal</i> , 2017, 154, 272.	1.9	50
18	ADIABATIC BLACK HOLE GROWTH IN SÄ%RSIC MODELS OF ELLIPTICAL GALAXIES. <i>Astronomical Journal</i> , 2016, 151, 119.	1.9	1

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19	WARM JUPITERS FROM SECULAR PLANET-PLANET INTERACTIONS. <i>Astrophysical Journal</i> , 2016, 829, 132.	1.6	128
20	MODELING THE NEARLY ISOTROPIC COMET POPULATION IN ANTICIPATION OF LSST OBSERVATIONS. <i>Astronomical Journal</i> , 2016, 152, 103.	1.9	12
21	Comparison of simple mass estimators for slowly rotating elliptical galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 3442-3457.	1.6	4
22	A numerical study of vector resonant relaxation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 3265-3296.	1.6	57
23	THE STATISTICAL MECHANICS OF PLANET ORBITS. <i>Astrophysical Journal</i> , 2015, 807, 157.	1.6	60
24	The Odd Couple: Quasars & Black Holes. <i>Daedalus</i> , 2014, 143, 103-113.	0.9	1
25	CO-EVOLUTION OF GALACTIC NUCLEI AND GLOBULAR CLUSTER SYSTEMS. <i>Astrophysical Journal</i> , 2014, 785, 71.	1.6	167
26	CONSTRAINING SUB-PARSEC BINARY SUPERMASSIVE BLACK HOLES IN QUASARS WITH MULTI-EPOCH SPECTROSCOPY. II. THE POPULATION WITH KINEMATICALLY OFFSET BROAD BALMER EMISSION LINES. <i>Astrophysical Journal</i> , 2014, 789, 140.	1.6	68
27	THE BLACK HOLE MASS AND THE STELLAR RING IN NGC 3706. <i>Astrophysical Journal</i> , 2014, 781, 112.	1.6	6
28	Why do Earth satellites stay up?. <i>American Journal of Physics</i> , 2014, 82, 769-777.	0.3	51
29	RELATIVISTIC REDSHIFTS IN QUASAR BROAD LINES. <i>Astrophysical Journal</i> , 2014, 794, 49.	1.6	15
30	Dynamics of warped accretion discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 1408-1434.	1.6	56
31	The statistical mechanics of self-gravitating Keplerian discs. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2014, 47, 292001.	0.7	15
32	SCATTERING OUTCOMES OF CLOSE-IN PLANETS: CONSTRAINTS ON PLANET MIGRATION. <i>Astrophysical Journal</i> , 2014, 786, 101.	1.6	93
33	Advances in exoplanet science from Kepler. <i>Nature</i> , 2014, 513, 336-344.	13.7	84
34	PLANETS NEAR MEAN-MOTION RESONANCES. <i>Astrophysical Journal</i> , 2013, 770, 24.	1.6	116
35	Gravitational collapse in one dimension. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 431, 49-62.	1.6	20
36	CONSTRAINING SUB-PARSEC BINARY SUPERMASSIVE BLACK HOLES IN QUASARS WITH MULTI-EPOCH SPECTROSCOPY. I. THE GENERAL QUASAR POPULATION. <i>Astrophysical Journal</i> , 2013, 775, 49.	1.6	75

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37	ON THE LOCAL DARK MATTER DENSITY. <i>Astrophysical Journal</i> , 2012, 756, 89.	1.6	283
38	THE STATISTICS OF MULTI-PLANET SYSTEMS. <i>Astronomical Journal</i> , 2012, 143, 94.	1.9	158
39	SUPER-ECCENTRIC MIGRATING JUPITERS. <i>Astrophysical Journal</i> , 2012, 750, 106.	1.6	94
40	Density waves in debris discs and galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 421, 2368-2383.	1.6	18
41	OBSERVATIONAL SELECTION EFFECTS AND THE M - \dot{M} RELATION. <i>Astrophysical Journal</i> , 2011, 738, 17.	1.6	28
42	THE BLACK HOLE MASS IN M87 FROM GEMINI/NIFS ADAPTIVE OPTICS OBSERVATIONS. <i>Astrophysical Journal</i> , 2011, 729, 119.	1.6	353
43	Resonant relaxation and the warp of the stellar disc in the Galactic Centre. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 412, 187-207.	1.6	108
44	Symplectic integrators in the shearing sheet. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 3168-3176.	1.6	39
45	Generalized Schwarzschild's method. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , no-no.	1.6	2
46	The evolution of wide binary stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 401, 977-994.	1.6	114
47	Long-lived planetesimal discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 401, 867-889.	1.6	72
48	A CORRELATION BETWEEN CENTRAL SUPERMASSIVE BLACK HOLES AND THE GLOBULAR CLUSTER SYSTEMS OF EARLY-TYPE GALAXIES. <i>Astrophysical Journal</i> , 2010, 720, 516-521.	1.6	80
49	PROBING THE GALACTIC POTENTIAL WITH NEXT-GENERATION OBSERVATIONS OF DISK STARS. <i>Astrophysical Journal</i> , 2009, 699, 215-229.	1.6	4
50	A STELLAR DYNAMICAL MEASUREMENT OF THE BLACK HOLE MASS IN THE MASER GALAXY NGC 4258. <i>Astrophysical Journal</i> , 2009, 693, 946-969.	1.6	62
51	SATELLITE DYNAMICS ON THE LAPLACE SURFACE. <i>Astronomical Journal</i> , 2009, 137, 3706-3717.	1.9	144
52	Gauss's method for secular dynamics, softened. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 394, 1085-1108.	1.6	68
53	THE M - \dot{M} AND M - L RELATIONS IN GALACTIC BULGES, AND DETERMINATIONS OF THEIR INTRINSIC SCATTER. <i>Astrophysical Journal</i> , 2009, 698, 198-221.	1.6	1,220
54	Measuring the non-thermal pressure in early-type galaxy atmospheres: a comparison of X-ray and optical potential profiles in M87 and NGC 1399. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 388, 1062-1078.	1.6	131

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55	STABILITY OF THE DISTANT SATELLITES OF THE GIANT PLANETS IN THE SOLAR SYSTEM. <i>Astronomical Journal</i> , 2008, 136, 2453-2467.	1.9	21
56	Dynamical Origin of Extrasolar Planet Eccentricity Distribution. <i>Astrophysical Journal</i> , 2008, 686, 603-620.	1.6	430
57	The Masses of Nuclear Black Holes in Luminous Elliptical Galaxies and Implications for the Space Density of the Most Massive Black Holes. <i>Astrophysical Journal</i> , 2007, 662, 808-834.	1.6	345
58	Shrinking Binary and Planetary Orbits by Kozai Cycles with Tidal Friction. <i>Astrophysical Journal</i> , 2007, 669, 1298-1315.	1.6	1,087
59	The Black Hole Mass and Extreme Orbital Structure in NGC 1399. <i>Astrophysical Journal</i> , 2007, 671, 1321-1328.	1.6	50
60	The Centers of Early-Type Galaxies with Hubble Space Telescope. VI. Bimodal Central Surface Brightness Profiles. <i>Astrophysical Journal</i> , 2007, 664, 226-256.	1.6	195
61	Selection Bias in Observing the Cosmological Evolution of the M_c and M_c Relationships. <i>Astrophysical Journal</i> , 2007, 670, 249-260.	1.6	221
62	Deriving the Mass Distribution of M87 from Globular Clusters. <i>Astrophysical Journal</i> , 2006, 643, 210-221.	1.6	33
63	The legacy and large-scale distribution of active galaxies. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2005, 363, 613-619.	1.6	2
64	The Centers of Early-Type Galaxies with Hubble Space Telescope. V. New WFPC2 Photometry. <i>Astronomical Journal</i> , 2005, 129, 2138-2185.	1.9	296
65	Constraints on the Acceleration of the Solar System from High-Precision Timing. <i>Astronomical Journal</i> , 2005, 130, 1939-1950.	1.9	51
66	Secular Stability and Instability in Stellar Systems Surrounding Massive Objects. <i>Astrophysical Journal</i> , 2005, 625, 143-155.	1.6	57
67	DARK MATTER IN GALAXIES AND GALAXY SYSTEMS. , 2004, , 71-102.		0
68	Extrasolar Planet Orbits and Eccentricities. <i>AIP Conference Proceedings</i> , 2004, , .	0.3	13
69	Propagation of Eccentricity Disturbances in Planetary Systems. <i>AIP Conference Proceedings</i> , 2004, , .	0.3	1
70	The stellar velocity distribution in the solar neighbourhood. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 350, 627-643.	1.6	161
71	Excitation and Propagation of Eccentricity Disturbances in Planetary Systems. <i>Astronomical Journal</i> , 2004, 128, 869-877.	1.9	106
72	Planet-Finding Prospects for the Space Interferometry Mission. <i>Publications of the Astronomical Society of the Pacific</i> , 2003, 115, 1171-1186.	1.0	38

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73	Kinematics of 10 Early-type Galaxies from Hubble Space Telescope and Ground-based Spectroscopy. <i>Astrophysical Journal</i> , 2003, 596, 903-929.	1.6	110
74	Eccentric Disk Models for the Nucleus of M31. <i>Astrophysical Journal</i> , 2003, 599, 237-257.	1.6	55
75	Ejection of Hypervelocity Stars by the (Binary) Black Hole in the Galactic Center. <i>Astrophysical Journal</i> , 2003, 599, 1129-1138.	1.6	304
76	Axisymmetric Dynamical Models of the Central Regions of Galaxies. <i>Astrophysical Journal</i> , 2003, 583, 92-115.	1.6	324
77	On the Origin of Irregular Structure in Saturn's Rings. <i>Astronomical Journal</i> , 2003, 125, 894-901.	1.9	90
78	The Slope of the Black Hole Mass versus Velocity Dispersion Correlation. <i>Astrophysical Journal</i> , 2002, 574, 740-753.	1.6	2,149
79	Galaxies with a Central Minimum in Stellar Luminosity Density. <i>Astronomical Journal</i> , 2002, 124, 1975-1987.	1.9	56
80	Resonant capture, counter-rotating discs, and polar rings. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 319, 1-7.	1.6	34
81	Observational constraints on growth of massive black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 335, 965-976.	1.6	750
82	Maximum-likelihood method for estimating the mass and period distributions of extrasolar planets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 335, 151-158.	1.6	122
83	Resonant Capture by Inward-migrating Planets. <i>Astronomical Journal</i> , 2001, 121, 1736-1740.	1.9	73
84	Canonical Elements for Collision Orbits. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2001, 79, 231-233.	0.5	21
85	Slow Modes in Keplerian Disks. <i>Astronomical Journal</i> , 2001, 121, 1776-1789.	1.9	73
86	Apsidal Alignment in $\ddot{\dots}$ Andromedae. <i>Astronomical Journal</i> , 2001, 122, 1607-1615.	1.9	81
87	Black Hole Mass Estimates from Reverberation Mapping and from Spatially Resolved Kinematics. <i>Astrophysical Journal</i> , 2000, 543, L5-L8.	1.6	393
88	A Relationship between Nuclear Black Hole Mass and Galaxy Velocity Dispersion. <i>Astrophysical Journal</i> , 2000, 539, L13-L16.	1.6	3,004
89	Axisymmetric, Three-Integral Models of Galaxies: A Massive Black Hole in NGC 3379. <i>Astronomical Journal</i> , 2000, 119, 1157-1171.	1.9	210
90	Resonant Relaxation. <i>International Astronomical Union Colloquium</i> , 1999, 172, 391-392.	0.1	0

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91	Linear Multistep Methods for Integrating Reversible Differential Equations. <i>Astronomical Journal</i> , 1999, 118, 1888-1899.	1.9	13
92	A Class of Symplectic Integrators with Adaptive Time Step for Separable Hamiltonian Systems. <i>Astronomical Journal</i> , 1999, 118, 2532-2541.	1.9	117
93	Linear response, dynamical friction and the fluctuation dissipation theorem in stellar dynamics. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 306, 1-21.	1.6	48
94	Relaxation in stellar systems, and the shape and rotation of the inner dark halo. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 306, 662-668.	1.6	30
95	The geometry of phase mixing. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 307, 877-883.	1.6	80
96	Rates of tidal disruption of stars by massive central black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 309, 447-460.	1.6	337
97	The Evolution of Long-Period Comets. <i>Icarus</i> , 1999, 137, 84-121.	1.1	148
98	The Keplerian Map for the Planar Restricted Three-Body Problem as a Model of Comet Evolution. <i>Icarus</i> , 1999, 141, 341-353.	1.1	44
99	Resonant Relaxation. , 1999, , 391-392.		1
100	The Dynamics of Plutinos. <i>Astronomical Journal</i> , 1999, 118, 1873-1881.	1.9	42
101	Fitting Selected Random Planetary Systems to Titius's "Bode Laws. <i>Icarus</i> , 1998, 135, 549-557.	1.1	68
102	Linear response of galactic haloes to adiabatic gravitational perturbations. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 296, 749-762.	1.6	8
103	Migrating Planets. <i>Science</i> , 1998, 279, 69-72.	6.0	203
104	The Demography of Massive Dark Objects in Galaxy Centers. <i>Astronomical Journal</i> , 1998, 115, 2285-2305.	1.9	3,145
105	Resonant Relaxation in Protoplanetary Disks. <i>Astronomical Journal</i> , 1998, 116, 2015-2022.	1.9	25
106	Resonant Thickening of Disks by Small Satellite Galaxies. <i>Astrophysical Journal</i> , 1998, 506, 590-599.	1.6	57
107	A map for eccentric orbits in non-axisymmetric potentials. <i>Monthly Notices of the Royal Astronomical Society</i> , 1997, 292, 905-919.	1.6	36
108	Spectroscopic Evidence for a Supermassive Black Hole in NGC 4486B. <i>Astrophysical Journal</i> , 1997, 482, L139-L142.	1.6	95

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109	Chaotic variations in the eccentricity of the planet orbiting 16 Cygni B. <i>Nature</i> , 1997, 386, 254-256.	13.7	356
110	A Parallel Integration Method for Solar System Dynamics. <i>Astronomical Journal</i> , 1997, 114, 409.	1.9	19
111	The Centers of Early-Type Galaxies with HST. IV. Central Parameter Relations.. <i>Astronomical Journal</i> , 1997, 114, 1771.	1.9	635
112	An HST Survey of Cores of Early-Type Galaxies. Symposium - International Astronomical Union, 1996, 171, 105-116.	0.1	2
113	The Centers of Galaxies. Symposium - International Astronomical Union, 1996, 174, 53-60.	0.1	0
114	[ITAL]Hubble Space Telescope[/ITAL] Spectroscopic Evidence for a $2 \times 10^6 M_{\odot}$ Black Hole in NGC 3115. <i>Astrophysical Journal</i> , 1996, 459, .	1.6	92
115	Resonant relaxation in stellar systems. <i>New Astronomy</i> , 1996, 1, 149-170.	0.8	309
116	Made-to-measure N-body systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 1996, 282, 223-233.	1.6	156
117	Non-axisymmetric, scale-free, razor-thin discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 1996, 281, 925-936.	1.6	42
118	The Centers of Early-Type Galaxies With HST. III. Non-Parametric Recovery of Stellar Luminosity Distribution. <i>Astronomical Journal</i> , 1996, 112, 105.	1.9	205
119	[ITAL]Hubble Space Telescope[/ITAL] Observations of the Double Nucleus of NGC 4486B. <i>Astrophysical Journal</i> , 1996, 471, L79-L82.	1.6	65
120	[ITAL]Hubble Space Telescope[/ITAL] Spectroscopic Evidence for a $1 \times 10^6 M_{\odot}$ Black Hole in NGC 4594. <i>Astrophysical Journal</i> , 1996, 473, L91-L94.	1.6	89
121	The damping and excitation of galactic warps by dynamical friction. <i>Monthly Notices of the Royal Astronomical Society</i> , 1995, 275, 897-920.	1.6	68
122	Lattice stellar dynamics. <i>Monthly Notices of the Royal Astronomical Society</i> , 1995, 276, 467-475.	1.6	4
123	Time delays of supernova neutrinos from new long-range interactions. <i>Physical Review D</i> , 1995, 51, 324-327.	1.6	1
124	An Eccentric-Disk Model for the Nucleus of M31. <i>Astronomical Journal</i> , 1995, 110, 628.	1.9	153
125	The Centers of Early-Type Galaxies with HST.I.An Observational Survey. <i>Astronomical Journal</i> , 1995, 110, 2622.	1.9	511
126	A Search for Slow-Moving Objects and the Luminosity Function of the Kuiper Belt. <i>Astronomical Journal</i> , 1995, 110, 3082.	1.9	52

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127	A Photographic Search for Satellites of Neptune. <i>Icarus</i> , 1994, 107, 304-310.	1.1	3
128	A family of models for spherical stellar systems. <i>Astronomical Journal</i> , 1994, 107, 634.	1.9	254
129	Do gamma-ray bursts come from the Oort cloud?. <i>Astronomical Journal</i> , 1994, 107, 1873.	1.9	7
130	Long-term planetary integration with individual time steps. <i>Astronomical Journal</i> , 1994, 108, 1962.	1.9	133
131	On the ellipticity of the Galactic disk. <i>Astrophysical Journal</i> , 1994, 421, 178.	1.6	88
132	A Photographic Search for Satellites of Uranus. <i>Icarus</i> , 1993, 102, 298-306.	1.1	4
133	On the Origin of Planetary Spins. <i>Icarus</i> , 1993, 103, 67-92.	1.1	137
134	On the Statistical Distribution of Massive Impactors. <i>Icarus</i> , 1993, 106, 335-341.	1.1	46
135	The Orbits of the Retrograde Jovian Satellites. <i>Icarus</i> , 1993, 106, 549-562.	1.1	58
136	Why Does the Earth Spin Forward?. <i>Science</i> , 1993, 259, 350-354.	6.0	76
137	On the reliability of gravitational N-body integrations. <i>Monthly Notices of the Royal Astronomical Society</i> , 1992, 259, 505-518.	1.6	57
138	The Dynamical Evidence for Dark Matter. <i>Physics Today</i> , 1992, 45, 28-36.	0.3	19
139	Is the Milky Way elliptical?. <i>AIP Conference Proceedings</i> , 1992, , .	0.3	0
140	Exact numerical studies of Hamiltonian maps: Iterating without roundoff error. <i>Physica D: Nonlinear Phenomena</i> , 1992, 56, 1-22.	1.3	44
141	Tidal disruption of viscous bodies. <i>Icarus</i> , 1992, 95, 86-99.	1.1	102
142	Confirmation of resonant structure in the solar system. <i>Icarus</i> , 1992, 95, 148-152.	1.1	46
143	Symplectic integrators for solar system dynamics. <i>Astronomical Journal</i> , 1992, 104, 1633.	1.9	160
144	The Mass of the Galaxy. <i>Annual Review of Astronomy and Astrophysics</i> , 1991, 29, 409-445.	8.1	198

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145	On the origin of the obliquities of the outer planets. <i>Icarus</i> , 1991, 89, 85-92.	1.1	94
146	Dynamical limits on dark mass in the outer solar system. <i>Astronomical Journal</i> , 1991, 101, 2274.	1.9	47
147	A three million year integration of the earth's orbit. <i>Astronomical Journal</i> , 1991, 101, 2287.	1.9	224
148	Dark Matter in the Solar System. , 1990, , 37-65.		25
149	Roundoff error in long-term planetary orbit integrations. <i>Astronomical Journal</i> , 1990, 99, 1016.	1.9	24
150	Symmetric multistep methods for the numerical integration of planetary orbits. <i>Astronomical Journal</i> , 1990, 100, 1694.	1.9	347
151	The local Galactic escape speed. <i>Astrophysical Journal</i> , 1990, 353, 486.	1.6	85
152	Planetary perturbations and the origins of short-period comets. <i>Astrophysical Journal</i> , 1990, 355, 667.	1.6	115
153	Sling amplification and eccentric gravitational instabilities in gaseous disks. <i>Astrophysical Journal</i> , 1990, 358, 495.	1.6	188
154	Models of violently relaxed galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 1989, 236, 829-841.	1.6	32
155	How dating uncertainties affect the detection of periodicity in extinctions and craters. <i>Icarus</i> , 1989, 77, 213-219.	1.1	38
156	The long-term evolution of orbits in the solar system: A mapping approach. <i>Icarus</i> , 1989, 82, 402-418.	1.1	161
157	The formation of sharp edges in planetary rings by nearby satellites. <i>Icarus</i> , 1989, 80, 344-360.	1.1	61
158	Common processes and problems in disc dynamics. , 1989, , 231-238.		12
159	Test of the Weak Equivalence Principle for Neutrinos and Photons. <i>Physical Review Letters</i> , 1988, 60, 176-177.	2.9	133
160	Constraint on nonmetric theories of gravity from supernova 1987A. <i>Physical Review D</i> , 1988, 38, 2927-2929.	1.6	5
161	Local simulations of planetary rings. <i>Astronomical Journal</i> , 1988, 95, 925.	1.9	216
162	Maximum-entropy models of galaxies. <i>Astrophysical Journal</i> , 1988, 327, 82.	1.6	87

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163	Evolutionary corrections to the redshift-volume measurement of the density parameter. <i>Astrophysical Journal</i> , 1988, 326, L1.	1.6	22
164	The origin of short-period comets. <i>Astrophysical Journal</i> , 1988, 328, L69.	1.6	329
165	A Historical Perspective on Dark Matter. Symposium - International Astronomical Union, 1987, 117, 547-549.	0.1	1
166	Stellar Dynamics of Needles. Symposium - International Astronomical Union, 1987, 127, 493-494.	0.1	0
167	The frequency and intensity of comet showers from the Oort cloud. <i>Icarus</i> , 1987, 70, 269-288.	1.1	80
168	Stellar Dynamics of Needles. , 1987, , 493-494.		4
169	The formation and extent of the solar system comet cloud. <i>Astronomical Journal</i> , 1987, 94, 1330.	1.9	381
170	Distant satellites as probes of our Galaxy's mass distribution. <i>Astrophysical Journal</i> , 1987, 320, 493.	1.6	78
171	Nonlinear density waves in planetary rings. <i>Icarus</i> , 1986, 68, 522-533.	1.1	52
172	The influence of the Galactic tidal field on the Oort comet cloud. <i>Icarus</i> , 1986, 65, 13-26.	1.1	295
173	The dynamics of dense particle disks. <i>Icarus</i> , 1986, 65, 83-109.	1.1	129
174	H-functions and mixing in violent relaxation. <i>Monthly Notices of the Royal Astronomical Society</i> , 1986, 219, 285-297.	1.6	180
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