

# Simon Portegies Zwart

## List of Publications by Year in descending order

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162  
papers

9,566  
citations

39113

52  
h-index

46524

93  
g-index

166  
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166  
docs citations

166  
times ranked

6131  
citing authors

#	ARTICLE	IF	CITATIONS
1	Birth cluster simulations of planetary systems with multiple super-Earths: initial conditions for white dwarf pollution drivers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 2460-2473.	1.6	5
2	Inside-out planet formation: VI. oligarchic coagulation of planetesimals from a pebble ring?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 5486-5499.	1.6	6
3	Oort cloud Ecology. <i>Astronomy and Astrophysics</i> , 2021, 647, A136.	2.1	14
4	Spectrum formation in X-ray pulsars at very low mass accretion rate: Monte Carlo approach. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 5193-5203.	1.6	27
5	Oort cloud Ecology. <i>Astronomy and Astrophysics</i> , 2021, 652, A144.	2.1	11
6	Pulsating ULXs: large pulsed fraction excludes strong beaming. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 2424-2429.	1.6	32
7	Implementing primordial binaries in simulations of star cluster formation with a hybrid MHD and direct $N$ -body method. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 4464-4478.	1.6	12
8	Relativistic Pythagorean three-body problem. <i>Physical Review D</i> , 2021, 104, .	1.6	8
9	Interstellar Objects Follow the Collapse of Molecular Clouds. <i>Astrophysical Journal</i> , 2021, 921, 168.	1.6	5
10	ˆOumuamua and Interstellar Travel. <i>Inference</i> , 2021, 6, .	0.0	0
11	The carbon footprint of astronomy research in the Netherlands. <i>Nature Astronomy</i> , 2021, 5, 1195-1198.	4.2	8
12	Non-intrusive hierarchical coupling strategies for multi-scale simulations in gravitational dynamics. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2020, 85, 105240.	1.7	8
13	On the survival of resonant and non-resonant planetary systems in star clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 1807-1825.	1.6	20
14	The ecological impact of high-performance computing in astrophysics. <i>Nature Astronomy</i> , 2020, 4, 819-822.	4.2	47
15	Linking the formation and fate of exo-Kuiper belts within Solar system analogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 5062-5078.	1.6	12
16	Gargantuan chaotic gravitational three-body systems and their irreversibility to the Planck length. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 3932-3937.	1.6	20
17	Identifying Earth-impacting asteroids using an artificial neural network. <i>Astronomy and Astrophysics</i> , 2020, 634, A45.	2.1	14
18	Newton versus the machine: solving the chaotic three-body problem using deep neural networks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 2465-2470.	1.6	46

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19	Searching for solar siblings in APOGEE and Gaia DR2 with N-body simulations. Monthly Notices of the Royal Astronomical Society, 2020, 494, 2268-2279.	1.6	10
20	Effects of stellar density on the photoevaporation of circumstellar discs. Monthly Notices of the Royal Astronomical Society, 2020, 501, 1782-1790.	1.6	21
21	Modeling of the Effects of Stellar Feedback during Star Cluster Formation Using a Hybrid Gas and N-Body Method. Astrophysical Journal, 2020, 904, 192.	1.6	26
22	Bonsai-SPH: A GPU accelerated astrophysical Smoothed Particle Hydrodynamics code. , 2020, 1, .		2
23	The formation of solar-system analogs in young star clusters. Astronomy and Astrophysics, 2019, 622, A69.	2.1	29
24	Creating a Reusable Cross-Disciplinary Multi-scale and Multi-physics Framework: From AMUSE to OMUSE and Beyond. Lecture Notes in Computer Science, 2019, , 379-392.	1.0	0
25	Simulating stellar winds in AMUSE. Astronomy and Astrophysics, 2019, 625, A85.	2.1	8
26	Multi-scale high-performance computing in astrophysics: simulating clusters with stars, binaries and planets. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2019, 377, 20180153.	1.6	2
27	A Triple Origin for Twin Blue Stragglers in Close Binaries. Astrophysical Journal Letters, 2019, 876, L33.	3.0	16
28	The Signature of a Windy Radio Supernova Progenitor in a Binary System. Astrophysical Journal Letters, 2019, 872, L3.	3.0	3
29	Multiscale modelling, simulation and computing: from the desktop to the exascale. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2019, 377, 20180355.	1.6	12
30	Multiscale computing for science and engineering in the era of exascale performance. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2019, 377, 20180144.	1.6	18
31	The origin of the two populations of blue stragglers in M30. Astronomy and Astrophysics, 2019, 621, L10.	2.1	16
32	A planetesimal orbiting within the debris disc around a white dwarf star. Science, 2019, 364, 66-69.	6.0	131
33	External photoevaporation of circumstellar discs constrains the time-scale for planet formation. Monthly Notices of the Royal Astronomical Society, 2019, 490, 5678-5690.	1.6	59
34	Survivability of planetary systems in young and dense star clusters. Astronomy and Astrophysics, 2019, 624, A120.	2.1	47
35	The viscous evolution of circumstellar discs in young star clusters. Monthly Notices of the Royal Astronomical Society, 2019, 482, 732-742.	1.6	17
36	Collisional N-body Dynamics Coupled to Self-gravitating Magnetohydrodynamics Reveals Dynamical Binary Formation. Astrophysical Journal, 2019, 887, 62.	1.6	27

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37	Numerical verification of the microscopic time reversibility of Newton's equations of motion: Fighting exponential divergence. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2018, 61, 160-166.	1.7	19
38	The signatures of the parental cluster on field planetary systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 5114-5121.	1.6	52
39	Development of the OMUSE/AMUSE Modeling System. , 2018, , .		0
40	Catching a Planet: A Tidal Capture Origin for the Exomoon Candidate Kepler 1625b I. <i>Astrophysical Journal Letters</i> , 2018, 869, L27.	3.0	18
41	Computational astrophysics for the future. <i>Science</i> , 2018, 361, 979-980.	6.0	14
42	Fast spectrophotometry of WD J1145+017. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 703-714.	1.6	22
43	The origin of interstellar asteroidal objects like 1I/2017 U1 "Oumuamua. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 479, L17-L22.	1.2	50
44	The consequences of a nearby supernova on the early solar system. <i>Astronomy and Astrophysics</i> , 2018, 616, A85.	2.1	17
45	Stability of multiplanetary systems in star clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 4337-4353.	1.6	58
46	SiMon: Simulation Monitor for Computational Astrophysics. <i>Publications of the Astronomical Society of the Pacific</i> , 2017, 129, 094503.	1.0	6
47	Forming short-period Wolf-Rayet X-ray binaries and double black holes through stable mass transfer. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 4256-4264.	1.6	134
48	Secular dynamics of multiplanet systems: implications for the formation of hot and warm Jupiters via high-eccentricity migration. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 688-701.	1.6	66
49	The Oceanographic Multipurpose Software Environment (OMUSE v1.0). <i>Geoscientific Model Development</i> , 2017, 10, 3167-3187.	1.3	11
50	THE INFLUENCE OF DENSE GAS RINGS ON THE DYNAMICS OF A STELLAR DISK IN THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2016, 818, 29.	1.6	11
51	Secular dynamics of hierarchical multiple systems composed of nested binaries, with an arbitrary number of bodies and arbitrary hierarchical structure. First applications to multiplanet and multistar systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 2827-2874.	1.6	82
52	Creating the Virtual Universe. <i>IEEE Software</i> , 2016, 33, 25-29.	2.1	3
53	The evolution of hierarchical triple star-systems. <i>Computational Astrophysics and Cosmology</i> , 2016, 3, .	22.7	130
54	Simulations of stripped core-collapse supernovae in close binaries. <i>Computational Astrophysics and Cosmology</i> , 2016, 3, .	22.7	20

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55	Was the nineteenth century giant eruption of Eta Carinae a merger event in a triple system?. Monthly Notices of the Royal Astronomical Society, 2016, 456, 3401-3412.	1.6	51
56	Mass transfer between debris discs during close stellar encounters. Monthly Notices of the Royal Astronomical Society, 2016, 457, 4218-4235.	1.6	52
57	A triple origin for the lack of tight coplanar circumbinary planets around short-period binaries. Monthly Notices of the Royal Astronomical Society, 2016, 455, 3180-3200.	1.6	74
58	Simulations of the tidal interaction and mass transfer of a star in an eccentric orbit around an intermediate-mass black hole: the case of HLX-1. Monthly Notices of the Royal Astronomical Society, 2016, 455, 462-475.	1.6	13
59	Intermediate-mass black holes in globular clusters: observations and simulations - Update. Proceedings of the International Astronomical Union, 2015, 12, 240-245.	0.0	0
60	Formation of young massive clusters from turbulent molecular clouds. Proceedings of the International Astronomical Union, 2015, 12, 25-30.	0.0	1
61	GPU-enabled particle-particle particle-tree scheme for simulating dense stellar cluster system. Computational Astrophysics and Cosmology, 2015, 2, .	22.7	22
62	From Thread to Transcontinental Computer: Disturbing Lessons in Distributed Supercomputing. , 2015, , .		2
63	Using GPUs to Enable Simulation with Computational Gravitational Dynamics in Astrophysics. Computer, 2015, 48, 50-58.	1.2	5
64	Sapporo2: a versatile direct N-body library. Computational Astrophysics and Cosmology, 2015, 2, .	22.7	8
65	On the reliability of N-body simulations. Computational Astrophysics and Cosmology, 2015, 2, .	22.7	37
66	Probing the formation of planetesimals in the Galactic Centre using Sgr A* flares. Monthly Notices of the Royal Astronomical Society, 2015, 446, 710-729.	1.6	5
67	Secular dynamics of hierarchical quadruple systems: the case of a triple system orbited by a fourth body. Monthly Notices of the Royal Astronomical Society, 2015, 449, 4221-4245.	1.6	62
68	A debris disc under the influence of a wide planetary-mass companion: the system of HDÂ106906. Monthly Notices of the Royal Astronomical Society, 2015, 451, 804-812.	1.6	19
69	How Sedna and family were captured in a close encounter with a solar sibling. Monthly Notices of the Royal Astronomical Society, 2015, 453, 3158-3163.	1.6	69
70	The cosmic web in CosmoGrid void regions. Proceedings of the International Astronomical Union, 2014, 11, 575-579.	0.0	0
71	A connected component-based method for efficiently integrating multi-scale $N$ -body systems. Astronomy and Astrophysics, 2014, 570, A20.	2.1	9
72	24.77 Pflops on a Gravitational Tree-Code to Simulate the Milky Way Galaxy with 18600 GPUs. , 2014, , .		41

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73	On the effects of subvirial initial conditions and the birth temperature of R136. Monthly Notices of the Royal Astronomical Society, 2014, 445, 674-685.	1.6	9
74	ON THE MINIMAL ACCURACY REQUIRED FOR SIMULATING SELF-GRAVITATING SYSTEMS BY MEANS OF DIRECT <i>N</i> -BODY METHODS. Astrophysical Journal Letters, 2014, 785, L3.	3.0	37
75	Relativistic dynamics of stars near a supermassive black hole. Monthly Notices of the Royal Astronomical Society, 2014, 443, 355-387.	1.6	33
76	Multi-scale and multi-domain computational astrophysics. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2014, 372, 20130385.	1.6	7
77	Binary white dwarfs in the halo of the Milky Way. Astronomy and Astrophysics, 2014, 569, A42.	2.1	10
78	Intermediate-mass black holes in globular clusters: observations and simulations. Proceedings of the International Astronomical Union, 2014, 10, 181-188.	0.0	2
79	Multi-physics simulations using a hierarchical interchangeable software interface. Computer Physics Communications, 2013, 184, 456-468.	3.0	164
80	Structure and evolution of high-mass stellar mergers. Monthly Notices of the Royal Astronomical Society, 2013, 434, 3497-3510.	1.6	68
81	Assembly of filamentary void galaxy configurations. Monthly Notices of the Royal Astronomical Society, 2013, 435, 222-241.	1.6	38
82	SIMULATING STAR CLUSTERS WITH THE AMUSE SOFTWARE FRAMEWORK. I. DEPENDENCE OF CLUSTER LIFETIMES ON MODEL ASSUMPTIONS AND CLUSTER DISSOLUTION MODES. Astrophysical Journal, 2013, 778, 118.	1.6	10
83	THE COSMOGRID SIMULATION: STATISTICAL PROPERTIES OF SMALL DARK MATTER HALOS. Astrophysical Journal, 2013, 767, 146.	1.6	76
84	Evolution of star clusters in a cosmological tidal field. Monthly Notices of the Royal Astronomical Society, 2013, 436, 3695-3706.	1.6	41
85	High-Performance Distributed Multi-Model / Multi-Kernel Simulations: A Case-Study in Jungle Computing. , 2012, , .		8
86	N-body integrators with individual time steps from Hierarchical splitting. New Astronomy, 2012, 17, 711-719.	0.8	62
87	MAPPING THE GALACTIC CENTER WITH GRAVITATIONAL WAVE MEASUREMENTS USING PULSAR TIMING. Astrophysical Journal, 2012, 752, 67.	1.6	38
88	PSDF: Particle Stream Data Format for N-body simulations. New Astronomy, 2012, 17, 520-523.	0.8	5
89	A sparse octree gravitational N-body code that runs entirely on the GPU processor. Journal of Computational Physics, 2012, 231, 2825-2839.	1.9	146
90	Formation versus destruction: the evolution of the star cluster population in galaxy mergers. Monthly Notices of the Royal Astronomical Society, 2012, 421, 1927-1941.	1.6	89

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91	Double White Dwarf Merger Rates. Proceedings of the International Astronomical Union, 2011, 7, 223-224.	0.0	0
92	Modelling the formation and evolution of star cluster populations in galaxy simulations. Monthly Notices of the Royal Astronomical Society, 2011, 414, 1339-1364.	1.6	148
93	High-performance gravitational N-body simulations on a planet-wide-distributed supercomputer. Computational Science & Discovery, 2011, 4, 015001.	1.5	9
94	The Origin of OB Runaway Stars. Science, 2011, 334, 1380-1383.	6.0	129
95	ON THE TEMPORAL EVOLUTION OF THE STELLAR MASS FUNCTION IN GALACTIC CLUSTERS. Astrophysical Journal, 2010, 718, 105-111.	1.6	60
96	Gravitational tree-code on graphics processing units: implementation in CUDA. Procedia Computer Science, 2010, 1, 1119-1127.	1.2	30
97	A platform independent communication library for distributed computing. Procedia Computer Science, 2010, 1, 2699-2706.	1.2	0
98	On the onset of runaway stellar collisions in dense star clusters - II. Hydrodynamics of three-body interactions. Monthly Notices of the Royal Astronomical Society, 2010, 402, 105-126.	1.6	61
99	The quest for the Sun's siblings: an exploratory search in the Hipparcos Catalogue. Monthly Notices of the Royal Astronomical Society, 2010, 407, 458-464.	1.6	45
100	The early dynamical evolution of cool, clumpy star clusters. Monthly Notices of the Royal Astronomical Society, 2010, 407, 1098-1107.	1.6	137
101	Young Massive Star Clusters. Annual Review of Astronomy and Astrophysics, 2010, 48, 431-493.	8.1	858
102	EFFECTS OF PRIMORDIAL MASS SEGREGATION ON THE DYNAMICAL EVOLUTION OF STAR CLUSTERS. Astrophysical Journal, 2009, 698, 615-622.	1.6	66
103	THE LOST SIBLINGS OF THE SUN. Astrophysical Journal, 2009, 696, L13-L16.	1.6	100
104	ON THE INTERPRETATION OF THE GLOBULAR CLUSTER LUMINOSITY FUNCTION. Astrophysical Journal, 2009, 698, L158-L162.	1.6	46
105	Origin and dynamical evolution of young mass-segregated clusters. Astrophysics and Space Science, 2009, 324, 277-282.	0.5	2
106	Using the minimum spanning tree to trace mass segregation. Monthly Notices of the Royal Astronomical Society, 2009, 395, 1449-1454.	1.6	175
107	On the origin of high-velocity runaway stars. Monthly Notices of the Royal Astronomical Society, 2009, 396, 570-578.	1.6	90
108	A multiphysics and multiscale software environment for modeling astrophysical systems. New Astronomy, 2009, 14, 369-378.	0.8	146

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109	SAPPORO: A way to turn your graphics cards into a GRAPE-6. <i>New Astronomy</i> , 2009, 14, 630-637.	0.8	115
110	DYNAMICAL MASS SEGREGATION ON A VERY SHORT TIMESCALE. <i>Astrophysical Journal</i> , 2009, 700, L99-L103.	1.6	199
111	A parallel gravitational N-body kernel. <i>New Astronomy</i> , 2008, 13, 285-295.	0.8	10
112	Distributed N-body simulation on the grid using dedicated hardware. <i>New Astronomy</i> , 2008, 13, 348-358.	0.8	4
113	High performance direct gravitational N-body simulations on graphics processing units II: An implementation in CUDA. <i>New Astronomy</i> , 2008, 13, 103-112.	0.8	157
114	Hyperfast pulsars as the remnants of massive stars ejected from young star clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 385, 929-938.	1.6	35
115	A Dynamical Origin for Early Mass Segregation in Young Star Clusters. <i>Astrophysical Journal</i> , 2007, 655, L45-L49.	1.6	154
116	On the Interpretation of the Age Distribution of Star Clusters in the Small Magellanic Cloud. <i>Astrophysical Journal</i> , 2007, 668, 268-274.	1.6	66
117	Performance analysis of direct N-body algorithms on special-purpose supercomputers. <i>New Astronomy</i> , 2007, 12, 357-377.	0.8	138
118	High-performance direct gravitational N-body simulations on graphics processing units. <i>New Astronomy</i> , 2007, 12, 641-650.	0.8	74
119	Performance analysis of direct N-body algorithms for astrophysical simulations on distributed systems. <i>Parallel Computing</i> , 2007, 33, 159-173.	1.3	18
120	A runaway collision in a young star cluster as the origin of the brightest supernova. <i>Nature</i> , 2007, 450, 388-389.	13.7	33
121	The gravitational wave signature of young and dense star clusters. <i>Advances in Space Research</i> , 2007, 39, 275-279.	1.2	0
122	The Ecology of Star Clusters and Intermediate-Mass Black Holes in the Galactic Bulge. <i>Astrophysical Journal</i> , 2006, 641, 319-326.	1.6	113
123	The Redshift Distribution of Short Gamma-Ray Bursts from Dynamically Formed Neutron Star Binaries. <i>Astrophysical Journal</i> , 2006, 643, L91-L94.	1.6	34
124	Diffuse, Nonthermal X-ray Emission from the Galactic Star Cluster Westerlund 1. <i>Astrophysical Journal</i> , 2006, 650, 203-211.	1.6	65
125	The Effect of Pre-Main-Sequence Stars on Star Cluster Dynamics. <i>Astrophysical Journal</i> , 2006, 637, 838-849.	1.6	4
126	Short gamma-ray bursts from binary neutron star mergers in globular clusters. <i>Nature Physics</i> , 2006, 2, 116-119.	6.5	137



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127	The MODEST questions: Challenges and future directions in stellar cluster research. <i>New Astronomy</i> , 2006, 12, 201-214.	0.8	13
128	McScatter: A simple three-body scattering package with stellar evolution. <i>New Astronomy</i> , 2006, 12, 20-28.	0.8	8
129	Planets in Triple Star Systems: The Case of HD 188753. <i>Astrophysical Journal</i> , 2005, 633, L141-L144.	1.6	52
130	Has the Black Hole in XTE J1118+480 Experienced an Asymmetric Natal Kick?. <i>Astrophysical Journal</i> , 2005, 618, 845-851.	1.6	61
131	Formation and Evolution of Massive Black Holes in Star Clusters. <i>Highlights of Astronomy</i> , 2005, 13, 350-353.	0.0	0
132	N-body simulations of stars escaping from the Orion nebula. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 350, 615-626.	1.6	72
133	Star cluster ecology – V. Dissection of an open star cluster: spectroscopy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 351, 473-486.	1.6	18
134	Intermediate mass black holes in accreting binaries: formation, evolution and observational appearance. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 355, 413-423.	1.6	88
135	Ultraluminous X-Ray Sources as Intermediate-Mass Black Holes Fed by Tidally Captured Stars. <i>Astrophysical Journal</i> , 2004, 604, L101-L104.	1.6	65
136	An Inverse-Problem Approach to Cluster Dynamics. <i>Astronomical Journal</i> , 2004, 128, 1046-1057.	1.9	6
137	Core Formation by a Population of Massive Remnants. <i>Astrophysical Journal</i> , 2004, 608, L25-L28.	1.6	97
138	MODEST-2: a summary. <i>New Astronomy</i> , 2003, 8, 605-628.	0.8	31
139	The efficiency of the spiral-in of a black hole to the Galactic Centre. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 344, 22-32.	1.6	38
140	Dynamical Formation of Close Binary Systems in Globular Clusters. <i>Astrophysical Journal</i> , 2003, 591, L131-L134.	1.6	271
141	A Dynamical Model for the Globular Cluster G1. <i>Astrophysical Journal</i> , 2003, 589, L25-L28.	1.6	137
142	The Fate of Star Clusters near the Galactic Center. I. Analytic Considerations. <i>Astrophysical Journal</i> , 2003, 596, 314-322.	1.6	71
143	The Origin of IRS 16: Dynamically Driven Inward Spiral of a Dense Star Cluster to the Galactic Center?. <i>Astrophysical Journal</i> , 2003, 593, 352-357.	1.6	66
144	The Runaway Growth of Intermediate-Mass Black Holes in Dense Star Clusters. <i>Astrophysical Journal</i> , 2002, 576, 899-907.	1.6	503

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145	Structure of the Praesepe Star Cluster. <i>Astronomical Journal</i> , 2002, 124, 1570-1584.	1.9	57
146	The Lives and Deaths of Star Clusters near the Galactic Center. <i>Astrophysical Journal</i> , 2002, 565, 265-279.	1.6	107
147	A Dozen Colliding Wind X-Ray Binaries in the Star Cluster R136 in the 30 Doradus Region. <i>Astrophysical Journal</i> , 2002, 574, 762-770.	1.6	44
148	Precessing jets interacting with interstellar material as the origin for the light curves of gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 328, 951-957.	1.6	5
149	How Many Young Star Clusters Exist in the Galactic Center?. <i>Astrophysical Journal</i> , 2001, 546, L101-L104.	1.6	53
150	Missing Link Found? The "Runaway" Path to Supermassive Black Holes. <i>Astrophysical Journal</i> , 2001, 562, L19-L22.	1.6	250
151	The Characteristics of High-Velocity O and B Stars Which Are Ejected from Supernovae in Binary Systems. <i>Astrophysical Journal</i> , 2000, 544, 437-442.	1.6	111
152	Black Hole Mergers in the Universe. <i>Astrophysical Journal</i> , 2000, 528, L17-L20.	1.6	510
153	The Evolution of Globular Clusters in the Galaxy. <i>Astrophysical Journal</i> , 2000, 535, 759-775.	1.6	267
154	GRAVITATIONAL THERMODYNAMICS AND BLACK-HOLE MERGERS. <i>International Journal of Modern Physics A</i> , 2000, 15, 4871-4875.	0.5	5
155	Monte Carlo Simulations of Globular Cluster Evolution. I. Method and Test Calculations. <i>Astrophysical Journal</i> , 2000, 540, 969-982.	1.6	139
156	The origin of single radio pulsars. <i>New Astronomy</i> , 1999, 4, 355-363.	0.8	12
157	Escape from a Crisis in Fokker-Planck Models. <i>Celestial Mechanics and Dynamical Astronomy</i> , 1999, 73, 179-186.	0.5	6
158	Can Precessing Jets Explain the Light Curves of Gamma-Ray Bursts?. <i>Astrophysical Journal</i> , 1999, 520, 666-679.	1.6	37
159	Formation of Low-Mass Black Hole X-Ray Transients. <i>Highlights of Astronomy</i> , 1998, 11, 775-778.	0.0	0
160	Stellar Evolution and Dynamics in Star Clusters. <i>Highlights of Astronomy</i> , 1998, 11, 622-627.	0.0	2
161	The Disruption of Globular Star Clusters in the Galaxy: A Comparative Analysis between Fokker-Planck and [ITAL]N-body Models. <i>Astrophysical Journal</i> , 1998, 503, L49-L52.	1.6	42
162	Gamma-Ray Binaries: Stable Mass Transfer from a Neutron Star to a Black Hole. <i>Astrophysical Journal</i> , 1998, 503, L53-L56.	1.6	22