

Vasiliki Kalogera

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2029512/publications.pdf>

Version: 2024-02-01

151
papers

14,993
citations

17440

63
h-index

18130

120
g-index

155
all docs

155
docs citations

155
times ranked

7670
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced sensitivity of the LIGO gravitational wave detector by using squeezed states of light. <i>Nature Photonics</i> , 2013, 7, 613-619.	31.4	825
2	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , 2018, 21, 3.	26.7	808
3	An increased estimate of the merger rate of double neutron stars from observations of a highly relativistic system. <i>Nature</i> , 2003, 426, 531-533.	27.8	806
4	A Comprehensive Study of Binary Compact Objects as Gravitational Wave Sources: Evolutionary Channels, Rates, and Physical Properties. <i>Astrophysical Journal</i> , 2002, 572, 407-431.	4.5	780
5	Parameter estimation for compact binaries with ground-based gravitational-wave observations using the LALInference software library. <i>Physical Review D</i> , 2015, 91, .	4.7	674
6	Compact Object Modeling with the StarTrack Population Synthesis Code. <i>Astrophysical Journal, Supplement Series</i> , 2008, 174, 223-260.	7.7	570
7	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , 2020, 23, 3.	26.7	447
8	Theoretical Black Hole Mass Distributions. <i>Astrophysical Journal</i> , 2001, 554, 548-560.	4.5	443
9	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. <i>Living Reviews in Relativity</i> , 2016, 19, 1.	26.7	427
10	The Cosmic Coalescence Rates for Double Neutron Star Binaries. <i>Astrophysical Journal</i> , 2004, 601, L179-L182.	4.5	275
11	A Study of Compact Object Mergers as Short Gamma-Ray Burst Progenitors. <i>Astrophysical Journal</i> , 2006, 648, 1110-1116.	4.5	258
12	The Maximum Mass of a Neutron Star. <i>Astrophysical Journal</i> , 1996, 470, L61-L64.	4.5	256
13	ILLUMINATING BLACK HOLE BINARY FORMATION CHANNELS WITH SPINS IN ADVANCED LIGO. <i>Astrophysical Journal Letters</i> , 2016, 832, L2.	8.3	227
14	X-RAY BINARY EVOLUTION ACROSS COSMIC TIME. <i>Astrophysical Journal</i> , 2013, 764, 41.	4.5	212
15	MISSING BLACK HOLES UNVEIL THE SUPERNOVA EXPLOSION MECHANISM. <i>Astrophysical Journal</i> , 2012, 757, 91.	4.5	209
16	On the Rarity of Double Black Hole Binaries: Consequences for Gravitational Wave Detection. <i>Astrophysical Journal</i> , 2007, 662, 504-511.	4.5	202
17	A Deep Chandra X-Ray Study of Neutron Star Coalescence GW170817. <i>Astrophysical Journal Letters</i> , 2017, 848, L25.	8.3	195
18	Gravity Spy: integrating advanced LIGO detector characterization, machine learning, and citizen science. <i>Classical and Quantum Gravity</i> , 2017, 34, 064003.	4.0	194

#	ARTICLE	IF	CITATIONS
19	Stellar Remnants in Galactic Nuclei: Mass Segregation. <i>Astrophysical Journal</i> , 2006, 649, 91-117.	4.5	189
20	Spin-Orbit Misalignment in Close Binaries with Two Compact Objects. <i>Astrophysical Journal</i> , 2000, 541, 319-328.	4.5	165
21	Beating the Spin-Down Limit on Gravitational Wave Emission from the Crab Pulsar. <i>Astrophysical Journal</i> , 2008, 683, L45-L49.	4.5	160
22	Orbital Characteristics of Binary Systems after Asymmetric Supernova Explosions. <i>Astrophysical Journal</i> , 1996, 471, 352-365.	4.5	151
23	THE EFFECT OF STARBURST METALLICITY ON BRIGHT X-RAY BINARY FORMATION PATHWAYS. <i>Astrophysical Journal</i> , 2010, 725, 1984-1994.	4.5	150
24	A Gravitational-wave Measurement of the Hubble Constant Following the Second Observing Run of Advanced LIGO and Virgo. <i>Astrophysical Journal</i> , 2021, 909, 218.	4.5	144
25	The Coalescence Rate of Double Neutron Star Systems. <i>Astrophysical Journal</i> , 2001, 556, 340-356.	4.5	143
26	Implications for the Origin of GRB 070201 from LIGO Observations. <i>Astrophysical Journal</i> , 2008, 681, 1419-1430.	4.5	143
27	Pulsational Pair-instability Supernovae in Very Close Binaries. <i>Astrophysical Journal</i> , 2019, 882, 36.	4.5	141
28	Formation of double compact objects. <i>Physics Reports</i> , 2007, 442, 75-108.	25.6	140
29	Limits on Gravitational-Wave Emission from Selected Pulsars Using LIGO Data. <i>Physical Review Letters</i> , 2005, 94, 181103.	7.8	130
30	Constraining Formation Models of Binary Black Holes with Gravitational-wave Observations. <i>Astrophysical Journal</i> , 2017, 846, 82.	4.5	128
31	Searching for a Stochastic Background of Gravitational Waves with the Laser Interferometer Gravitational-Wave Observatory. <i>Astrophysical Journal</i> , 2007, 659, 918-930.	4.5	120
32	DISTINGUISHING BETWEEN FORMATION CHANNELS FOR BINARY BLACK HOLES WITH LISA. <i>Astrophysical Journal Letters</i> , 2016, 830, L18.	8.3	119
33	The Probability Distribution of Binary Pulsar Coalescence Rates. I. Double Neutron Star Systems in the Galactic Field. <i>Astrophysical Journal</i> , 2003, 584, 985-995.	4.5	110
34	Equipotential Surfaces and Lagrangian Points in Nonsynchronous, Eccentric Binary and Planetary Systems. <i>Astrophysical Journal</i> , 2007, 660, 1624-1635.	4.5	108
35	BINARY COMPACT OBJECT COALESCENCE RATES: THE ROLE OF ELLIPTICAL GALAXIES. <i>Astrophysical Journal</i> , 2010, 716, 615-633.	4.5	106
36	FIRST SEARCH FOR GRAVITATIONAL WAVES FROM THE YOUNGEST KNOWN NEUTRON STAR. <i>Astrophysical Journal</i> , 2010, 722, 1504-1513.	4.5	104

#	ARTICLE	IF	CITATIONS
37	Double Neutron Star Systems and Natal Neutron Star Kicks. <i>Astrophysical Journal</i> , 1997, 489, 244-253.	4.5	103
38	The Role of Helium Stars in the Formation of Double Neutron Stars. <i>Astrophysical Journal</i> , 2003, 592, 475-485.	4.5	103
39	Understanding Compact Object Formation and Natal Kicks. I. Calculation Methods and the Case of GRO J1655-40. <i>Astrophysical Journal</i> , 2005, 625, 324-346.	4.5	102
40	Constraining Population Synthesis Models via Empirical Binary Compact Object Merger and Supernova Rates. <i>Astrophysical Journal</i> , 2008, 672, 479-488.	4.5	99
41	The Complete Evolution of a Neutron-star Binary through a Common Envelope Phase Using 1D Hydrodynamic Simulations. <i>Astrophysical Journal Letters</i> , 2019, 883, L45.	8.3	98
42	ULTRA-LUMINOUS X-RAY SOURCES IN THE MOST METAL POOR GALAXIES. <i>Astrophysical Journal</i> , 2013, 769, 92.	4.5	96
43	On the Origin of Black Hole Spin in High-mass X-Ray Binaries. <i>Astrophysical Journal Letters</i> , 2019, 870, L18.	8.3	92
44	SEARCH FOR GRAVITATIONAL-WAVE INSPIRAL SIGNALS ASSOCIATED WITH SHORT GAMMA-RAY BURSTS DURING LIGO'S FIFTH AND VIRGO'S FIRST SCIENCE RUN. <i>Astrophysical Journal</i> , 2010, 715, 1453-1461.	4.5	90
45	Brightening X-Ray Emission from GW170817/GRB 170817A: Further Evidence for an Outflow. <i>Astrophysical Journal Letters</i> , 2018, 853, L4.	8.3	90
46	Formation of Low-Mass X-Ray Binaries. II. Common Envelope Evolution of Primordial Binaries with Extreme Mass Ratios. <i>Astrophysical Journal</i> , 1998, 493, 351-367.	4.5	90
47	Upper Limits on a Stochastic Background of Gravitational Waves. <i>Physical Review Letters</i> , 2005, 95, 221101.	7.8	89
48	Gravitational-Wave Astronomy with Inspiral Signals of Spinning Compact-Object Binaries. <i>Astrophysical Journal</i> , 2008, 688, L61-L64.	4.5	89
49	Short Gamma-Ray Bursts and Binary Mergers in Spiral and Elliptical Galaxies: Redshift Distribution and Hosts. <i>Astrophysical Journal</i> , 2008, 675, 566-585.	4.5	86
50	UNDERSTANDING COMPACT OBJECT FORMATION AND NATAL KICKS. II. THE CASE OF XTE J1118 + 480. <i>Astrophysical Journal</i> , 2009, 697, 1057-1070.	4.5	85
51	Constraints on Supernova Kicks from the Double Neutron Star System PSR B1913+16. <i>Astrophysical Journal</i> , 2000, 528, 401-409.	4.5	84
52	All-Sky LIGO Search for Periodic Gravitational Waves in the Early Fifth-Science-Run Data. <i>Physical Review Letters</i> , 2009, 102, 111102.	7.8	83
53	STAR FORMATION HISTORY AND X-RAY BINARY POPULATIONS: THE CASE OF THE SMALL MAGELLANIC CLOUD. <i>Astrophysical Journal Letters</i> , 2010, 716, L140-L145.	8.3	81
54	Estimating parameters of coalescing compact binaries with proposed advanced detector networks. <i>Physical Review D</i> , 2012, 85, .	4.7	79

#	ARTICLE	IF	CITATIONS
55	Search for gravitational-wave bursts in LIGO data from the fourth science run. <i>Classical and Quantum Gravity</i> , 2007, 24, 5343-5369.	4.0	78
56	Dynamical Formation of Low-mass Merging Black Hole Binaries like GW151226. <i>Astrophysical Journal Letters</i> , 2017, 836, L26.	8.3	75
57	UNDERSTANDING COMPACT OBJECT FORMATION AND NATAL KICKS. III. THE CASE OF CYGNUS X-1. <i>Astrophysical Journal</i> , 2012, 747, 111.	4.5	74
58	A PARALLEL MONTE CARLO CODE FOR SIMULATING COLLISIONAL N -BODY SYSTEMS. <i>Astrophysical Journal, Supplement Series</i> , 2013, 204, 15.	7.7	70
59	Search for Gravitational-Wave Bursts from Soft Gamma Repeaters. <i>Physical Review Letters</i> , 2008, 101, 211102.	7.8	69
60	The basic physics of the binary black hole merger GW150914. <i>Annalen Der Physik</i> , 2017, 529, 1600209.	2.4	69
61	Could Black Hole X-Ray Binaries Be Detected in Globular Clusters?. <i>Astrophysical Journal</i> , 2004, 601, L171-L174.	4.5	65
62	Accreting Double White Dwarf Binaries: Implications for LISA. <i>Astrophysical Journal</i> , 2017, 846, 95.	4.5	65
63	COMPARING GC AND FIELD LMXBs IN ELLIPTICAL GALAXIES WITH DEEP <i>CHANDRA</i> AND <i>HUBBLE</i> DATA. <i>Astrophysical Journal</i> , 2009, 703, 829-844.	4.5	64
64	ANALYTICAL EXPRESSIONS FOR THE ENVELOPE BINDING ENERGY OF GIANTS AS A FUNCTION OF BASIC STELLAR PARAMETERS. <i>Astrophysical Journal</i> , 2011, 743, 49.	4.5	63
65	IMPLICATIONS FOR THE ORIGIN OF GRB 051103 FROM LIGO OBSERVATIONS. <i>Astrophysical Journal</i> , 2012, 755, 2.	4.5	60
66	A New Formation Channel for Double Neutron Stars Without Recycling: Implications for Gravitational Wave Detection. <i>Astrophysical Journal</i> , 2001, 550, L183-L187.	4.5	60
67	CONSTRAINTS ON NATAL KICKS IN GALACTIC DOUBLE NEUTRON STAR SYSTEMS. <i>Astrophysical Journal</i> , 2010, 721, 1689-1701.	4.5	59
68	Models for Low-Mass X-Ray Binaries in the Elliptical Galaxies NGC 3379 and NGC 4278: Comparison with Observations. <i>Astrophysical Journal</i> , 2008, 683, 346-356.	4.5	58
69	INTERACTING BINARIES WITH ECCENTRIC ORBITS. II. SECULAR ORBITAL EVOLUTION DUE TO NON-CONSERVATIVE MASS TRANSFER. <i>Astrophysical Journal</i> , 2009, 702, 1387-1392.	4.5	55
70	Formation of the black-hole binary M33 X-7 through mass exchange in a tight massive system. <i>Nature</i> , 2010, 468, 77-79.	27.8	55
71	Pulsar Kicks and Spin Tilts in the Close Double Neutron Stars PSR J0737+3039, PSR B1534+12, and PSR B1913+16. <i>Astrophysical Journal</i> , 2004, 616, 414-438.	4.5	52
72	Search for Gravitational Waves Associated with Gamma-Ray Bursts during the First Advanced LIGO Observing Run and Implications for the Origin of GRB 150906B. <i>Astrophysical Journal</i> , 2017, 841, 89.	4.5	52

#	ARTICLE	IF	CITATIONS
73	X-Ray Binary Populations: The Luminosity Function of NGC 1569. <i>Astrophysical Journal</i> , 2004, 601, L147-L150.	4.5	50
74	The Lowest-Mass Stellar Black Holes: Catastrophic Death of Neutron Stars in Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2008, 680, L129-L132.	4.5	50
75	Reconstructing the sky location of gravitational-wave detected compact binary systems: Methodology for testing and comparison. <i>Physical Review D</i> , 2014, 89, .	4.7	50
76	Constraining Population Synthesis Models via the Binary Neutron Star Population. <i>Astrophysical Journal</i> , 2005, 633, 1076-1084.	4.5	48
77	Merger Sites of Double Neutron Stars and Their Host Galaxies. <i>Astrophysical Journal</i> , 2002, 571, L147-L150.	4.5	47
78	Degeneracies in sky localization determination from a spinning coalescing binary through gravitational wave observations: a Markov-chain Monte Carlo analysis for two detectors. <i>Classical and Quantum Gravity</i> , 2009, 26, 114007.	4.0	47
79	An Observational Diagnostic for Ultraluminous X-Ray Sources. <i>Astrophysical Journal</i> , 2004, 603, L41-L44.	4.5	45
80	STACKED SEARCH FOR GRAVITATIONAL WAVES FROM THE 2006 SGR 1900+14 STORM. <i>Astrophysical Journal</i> , 2009, 701, L68-L74.	4.5	45
81	Donor Stars in Black Hole X-Ray Binaries. <i>Astrophysical Journal</i> , 1999, 521, 723-734.	4.5	43
82	Characterizing Accreting Double White Dwarf Binaries with the Laser Interferometer Space Antenna and Gaia. <i>Astrophysical Journal Letters</i> , 2018, 854, L1.	8.3	43
83	Eccentric Double White Dwarfs as <i>LISA</i> Sources in Globular Clusters. <i>Astrophysical Journal</i> , 2007, 665, L59-L62.	4.5	42
84	THE X-RAY SPECTRA OF THE LUMINOUS LMXBs IN NGC 3379: FIELD AND GLOBULAR CLUSTER SOURCES. <i>Astrophysical Journal</i> , 2010, 725, 1805-1823.	4.5	42
85	Progenitors of Type IIb Supernovae. I. Evolutionary Pathways and Rates. <i>Astrophysical Journal</i> , 2019, 885, 130.	4.5	42
86	INTERACTING BINARIES WITH ECCENTRIC ORBITS. III. ORBITAL EVOLUTION DUE TO DIRECT IMPACT AND SELF-ACCRETION. <i>Astrophysical Journal</i> , 2010, 724, 546-558.	4.5	41
87	Bounds on Expected Black Hole Spins in Inspiring Binaries. <i>Astrophysical Journal</i> , 2005, 632, 1035-1041.	4.5	40
88	Search for gravitational-wave bursts in LIGO's third science run. <i>Classical and Quantum Gravity</i> , 2006, 23, S29-S39.	4.0	40
89	UNDERSTANDING COMPACT OBJECT FORMATION AND NATAL KICKS. IV. THE CASE OF IC 10 X-1. <i>Astrophysical Journal</i> , 2014, 790, 119.	4.5	39
90	N-BODY DYNAMICS OF INTERMEDIATE MASS-RATIO INSPIRALS IN STAR CLUSTERS. <i>Astrophysical Journal</i> , 2016, 832, 192.	4.5	39

#	ARTICLE	IF	CITATIONS
91	Close Binary Interactions of Intermediate-Mass Black Holes: Possible Ultraluminous X-Ray Sources?. <i>Astrophysical Journal</i> , 2006, 642, 427-437.	4.5	38
92	Deep Chandra Monitoring Observations of NGC 3379: Catalog of Source Properties. <i>Astrophysical Journal, Supplement Series</i> , 2008, 179, 142-165.	7.7	38
93	An Upper Limit on the Coalescence Rate of Double Neutron Star Binaries in the Galaxy. <i>Astrophysical Journal</i> , 2000, 530, 890-895.	4.5	37
94	THE X-RAY LUMINOSITY FUNCTIONS OF FIELD LOW-MASS X-RAY BINARIES IN EARLY-TYPE GALAXIES: EVIDENCE FOR A STELLAR AGE DEPENDENCE. <i>Astrophysical Journal</i> , 2014, 789, 52.	4.5	36
95	SPIN TILTS IN THE DOUBLE PULSAR REVEAL SUPERNOVA SPIN ANGULAR-MOMENTUM PRODUCTION. <i>Astrophysical Journal</i> , 2011, 742, 81.	4.5	35
96	Constraints on the Formation of PSR J0737-3039: The Most Probable Isotropic Kick Magnitude. <i>Astrophysical Journal</i> , 2004, 603, L101-L104.	4.5	34
97	TRANSIENT LOW-MASS X-RAY BINARY POPULATIONS IN ELLIPTICAL GALAXIES NGC 3379 AND NGC 4278. <i>Astrophysical Journal</i> , 2009, 702, L143-L147.	4.5	33
98	EVOLUTIONARY CHANNELS FOR THE FORMATION OF DOUBLE NEUTRON STARS. <i>Astrophysical Journal</i> , 2015, 801, 32.	4.5	33
99	Roche-lobe Overflow in Eccentric Planet-Star Systems. <i>Astrophysical Journal</i> , 2017, 844, 12.	4.5	33
100	Formation of Low-Mass X-Ray Binaries. III. A New Formation Mechanism: Direct Supernova. <i>Astrophysical Journal</i> , 1998, 493, 368-374.	4.5	33
101	A strongly magnetic neutron star in a nearly face-on binary system. <i>Nature</i> , 1996, 382, 141-144.	27.8	32
102	DEEP CHANDRA MONITORING OBSERVATIONS OF NGC 4278: CATALOG OF SOURCE PROPERTIES. <i>Astrophysical Journal, Supplement Series</i> , 2009, 181, 605-626.	7.7	32
103	Can Neutron-star Mergers Explain the r-process Enrichment in Globular Clusters?. <i>Astrophysical Journal</i> , 2019, 886, 4.	4.5	32
104	DEEP CHANDRA MONITORING OBSERVATIONS OF NGC 4649. II. WIDE-FIELD HUBBLE SPACE TELESCOPE IMAGING OF THE GLOBULAR CLUSTERS. <i>Astrophysical Journal</i> , 2012, 760, 87.	4.5	29
105	Discovery of Hot Gas in Outflow in NGC 3379. <i>Astrophysical Journal</i> , 2008, 688, 1000-1008.	4.5	27
106	PROBING ELECTRON-CAPTURE SUPERNOVAE: X-RAY BINARIES IN STARBURSTS. <i>Astrophysical Journal</i> , 2009, 699, 1573-1577.	4.5	27
107	MODELING THE REDSHIFT EVOLUTION OF THE NORMAL GALAXY X-RAY LUMINOSITY FUNCTION. <i>Astrophysical Journal</i> , 2013, 766, 19.	4.5	27
108	Supernova Kicks, Magnetic Braking, and Neutron Star Binaries. <i>Astrophysical Journal</i> , 1998, 504, 967-977.	4.5	26

#	ARTICLE	IF	CITATIONS
109	Astrophysically triggered searches for gravitational waves: status and prospects. <i>Classical and Quantum Gravity</i> , 2008, 25, 114051.	4.0	26
110	The Brightest Point X-ray Sources in Elliptical Galaxies and the Mass Spectrum of Accreting Black Holes. <i>Astrophysical Journal</i> , 2006, 636, 985-994.	4.5	25
111	ENERGY DISSIPATION THROUGH QUASI-STATIC TIDES IN WHITE DWARF BINARIES. <i>Astrophysical Journal</i> , 2010, 713, 239-256.	4.5	25
112	The Probability Distribution Of Binary Pulsar Coalescence Rates. II. Neutron Star-White Dwarf Binaries. <i>Astrophysical Journal</i> , 2004, 616, 1109-1117.	4.5	25
113	Probing the Low-Luminosity X-ray Luminosity Function in Normal Elliptical Galaxies. <i>Astrophysical Journal</i> , 2006, 652, 1090-1096.	4.5	24
114	The effects of LIGO detector noise on a 15-dimensional Markov-chain Monte Carlo analysis of gravitational-wave signals. <i>Classical and Quantum Gravity</i> , 2010, 27, 114009.	4.0	24
115	TWIN BINARIES: STUDIES OF STABILITY, MASS TRANSFER, AND COALESCENCE. <i>Astrophysical Journal</i> , 2011, 737, 49.	4.5	23
116	MODELING X-RAY BINARY EVOLUTION IN NORMAL GALAXIES: INSIGHTS FROM SINGS. <i>Astrophysical Journal</i> , 2013, 774, 136.	4.5	23
117	First joint search for gravitational-wave bursts in LIGO and GEO 600 data. <i>Classical and Quantum Gravity</i> , 2008, 25, 245008.	4.0	22
118	TIDALLY INDUCED APSIDAL PRECESSION IN DOUBLE WHITE DWARFS: A NEW MASS MEASUREMENT TOOL WITH <i>LISA</i> . <i>Astrophysical Journal</i> , 2012, 745, 137.	4.5	20
119	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. <i>Progress of Theoretical and Experimental Physics</i> , 2022, 2022, .	6.6	20
120	A VARIABLE ULTRALUMINOUS X-RAY SOURCE IN A GLOBULAR CLUSTER IN NGC 4649. <i>Astrophysical Journal</i> , 2012, 760, 135.	4.5	19
121	ASTROPHYSICAL PRIOR INFORMATION AND GRAVITATIONAL-WAVE PARAMETER ESTIMATION. <i>Astrophysical Journal</i> , 2017, 834, 154.	4.5	19
122	Helium Core White Dwarfs in Globular Clusters. <i>Astrophysical Journal</i> , 2003, 586, 1364-1373.	4.5	19
123	The Modulated Emission of the Ultraluminous X-ray Source in NGC 3379. <i>Astrophysical Journal</i> , 2006, 650, 879-884.	4.5	19
124	Are Supernova Kicks Responsible for X-Ray Binary Ejection from Young Clusters?. <i>Astrophysical Journal</i> , 2005, 621, L37-L40.	4.5	18
125	FIELD AND GLOBULAR CLUSTER LOW-MASS X-RAY BINARIES IN NGC 4278. <i>Astrophysical Journal</i> , 2010, 725, 1824-1847.	4.5	18
126	LONG-TERM EVOLUTION OF DOUBLE WHITE DWARF BINARIES ACCRETING THROUGH DIRECT IMPACT. <i>Astrophysical Journal</i> , 2015, 806, 76.	4.5	16

#	ARTICLE	IF	CITATIONS
127	STABILITY AND COALESCENCE OF MASSIVE TWIN BINARIES. <i>Astrophysical Journal</i> , 2015, 806, 135.	4.5	15
128	Improvements in Gravitational-wave Sky Localization with Expanded Networks of Interferometers. <i>Astrophysical Journal Letters</i> , 2018, 854, L25.	8.3	15
129	Mapping Inspiral Rates on Population Synthesis Parameters. <i>Astrophysical Journal</i> , 2005, 620, 385-389.	4.5	13
130	Constraints on the Progenitor System of SN 2016gkg from a Comprehensive Statistical Analysis. <i>Astrophysical Journal Letters</i> , 2018, 852, L17.	8.3	13
131	Localization of Compact Binary Sources with Second-generation Gravitational-wave Interferometer Networks. <i>Astrophysical Journal</i> , 2020, 902, 71.	4.5	13
132	Forward Modeling of Double Neutron Stars: Insights from Highly Offset Short Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2020, 904, 190.	4.5	13
133	Eccentricities of Double Neutron Star Binaries. <i>Astrophysical Journal</i> , 2006, 652, 540-547.	4.5	11
134	Progenitors of Type IIb Supernovae. II. Observable Properties. <i>Astrophysical Journal</i> , 2020, 903, 70.	4.5	11
135	ON THE RARITY OF X-RAY BINARIES WITH NAKED HELIUM DONORS. <i>Astrophysical Journal</i> , 2012, 748, 114.	4.5	9
136	ANGULAR MOMENTUM EXCHANGE IN WHITE DWARF BINARIES ACCRETING THROUGH DIRECT IMPACT. <i>Astrophysical Journal</i> , 2014, 785, 157.	4.5	9
137	Mapping Population Synthesis Event Rates on Model Parameters. II. Convergence and Accuracy of Multidimensional Fits. <i>Astrophysical Journal</i> , 2007, 667, 1048-1058.	4.5	8
138	<i>CHANDRA</i> OBSERVATIONS OF THE COLLISIONAL RING GALAXY NGC 922. <i>Astrophysical Journal</i> , 2012, 747, 150.	4.5	7
139	INTRODUCING CAFein, A NEW COMPUTATIONAL TOOL FOR STELLAR PULSATIONS AND DYNAMIC TIDES. <i>Astrophysical Journal</i> , 2013, 773, 39.	4.5	7
140	IMPORTANCE OF TIDES FOR PERIASTRON PRECESSION IN ECCENTRIC NEUTRON STAR-WHITE DWARF BINARIES. <i>Astrophysical Journal</i> , 2014, 792, 138.	4.5	5
141	Upper limits on the strength of periodic gravitational waves from PSR J1939+2134. <i>Classical and Quantum Gravity</i> , 2004, 21, S671-S676.	4.0	4
142	Super-Eddington Accretion in the Formation of Low-Mass X-ray Binaries and Millisecond Pulsars. <i>International Astronomical Union Colloquium</i> , 1997, 163, 828-829.	0.1	3
143	Formation of the observed double neutron star systems. <i>Astronomical and Astrophysical Transactions</i> , 1999, 18, 515-520.	0.2	2
144	GPU-accelerated Monte Carlo simulations of dense stellar systems. , 2012, , .		2

#	ARTICLE	IF	CITATIONS
145	LIGO and the opening of a unique observational window on the universe. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3017-3025.	7.1	2
146	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. , 2018, 21, 1.		2
147	Close Binaries with Two Compact Objects. International Astronomical Union Colloquium, 2000, 177, 579-584.	0.1	0
148	A Chandra Survey of the α Centauri Region of the SMC. International Astronomical Union Colloquium, 2004, 194, 205-205.	0.1	0
149	The Intriguing Evolutionary History of the Massive Black Hole X-ray Binary M33 X-7. , 2010, , .		0
150	Angular Momentum Changes Due to Direct Impact Accretion in a Binary System. , 2010, , .		0
151	The black hole spin in coalescing binary black holes and high-mass X-ray binaries. Proceedings of the International Astronomical Union, 2018, 14, 426-432.	0.0	0