

Michael Kramer

List of Publications by Year in descending order

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Version: 2024-02-01

409
papers

44,404
citations

2544

96
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2332

199
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414
all docs

414
docs citations

414
times ranked

12085
citing authors

#	ARTICLE	IF	CITATIONS
1	State-of-the-art energetic and morphological modelling of the launching site of the M87 jet. <i>Nature Astronomy</i> , 2022, 6, 103-108.	10.1	33
2	The International Pulsar Timing Array second data release: Search for an isotropic gravitational wave background. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 4873-4887.	4.4	174
3	The Variability of the Black Hole Image in M87 at the Dynamical Timescale. <i>Astrophysical Journal</i> , 2022, 925, 13.	4.5	6
4	Explodability fluctuations of massive stellar cores enable asymmetric compact object mergers such as GW190814. <i>Astronomy and Astrophysics</i> , 2022, 657, L6.	5.1	9
5	Modelling annual scintillation arc variations in PSR J1643-1224 using the Large European Array for Pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 1104-1114.	4.4	16
6	Submillimeter Pulsations from the Magnetar XTE J1810-197. <i>Astrophysical Journal Letters</i> , 2022, 925, L17.	8.3	5
7	Supernova fallback as origin of neutron star spins and spin-kick alignment. <i>Astrophysical Journal</i> , 2022, 926, 9.	4.5	37
8	Long term radio and X-ray evolution of the magnetar Swift J1818.0-1607. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 1687-1695.	4.4	6
9	The High Time Resolution Universe Pulsar Survey – XVII. PSR J1325+6253, a low eccentricity double neutron star system from an ultra-stripped supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 5782-5792.	4.4	14
10	Two New Black Widow Millisecond Pulsars in M28. <i>Astrophysical Journal</i> , 2022, 927, 126.	4.5	8
11	MeerTRAP: 12 Galactic fast transients detected in a real-time, commensal MeerKAT survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 1483-1498.	4.4	8
12	Survey of Open Data Concepts Within Fundamental Physics: An Initiative of the PUNCH4NFDI Consortium. <i>Computing and Software for Big Science</i> , 2022, 6, 1.	2.9	1
13	A gamma-ray pulsar timing array constrains the nanohertz gravitational wave background. <i>Science</i> , 2022, 376, 521-523.	12.6	14
14	Discoveries and timing of pulsars in NGC 6440. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 1386-1399.	4.4	7
15	Coherent search for binary pulsars across all five Keplerian parameters in radio observations using the template-bank algorithm. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 1265-1284.	4.4	7
16	Four pulsar discoveries in NGC 6624 by TRAPUM using MeerKAT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 2292-2301.	4.4	10
17	Long-term rotational and emission variability of 17 radio pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 5861-5880.	4.4	17
18	Detection of quasi-periodic micro-structure in three millisecond pulsars with the Large European Array for Pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 4037-4044.	4.4	6

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19	First Sagittarius A* Event Horizon Telescope Results. III. Imaging of the Galactic Center Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2022, 930, L14.	8.3	163
20	Characterizing and Mitigating Intraday Variability: Reconstructing Source Structure in Accreting Black Holes with mm-VLBI. <i>Astrophysical Journal Letters</i> , 2022, 930, L21.	8.3	20
21	First Sagittarius A* Event Horizon Telescope Results. VI. Testing the Black Hole Metric. <i>Astrophysical Journal Letters</i> , 2022, 930, L17.	8.3	215
22	First Sagittarius A* Event Horizon Telescope Results. II. EHT and Multiwavelength Observations, Data Processing, and Calibration. <i>Astrophysical Journal Letters</i> , 2022, 930, L13.	8.3	142
23	First Sagittarius A* Event Horizon Telescope Results. IV. Variability, Morphology, and Black Hole Mass. <i>Astrophysical Journal Letters</i> , 2022, 930, L15.	8.3	137
24	Closing a spontaneous-scalarization window with binary pulsars. <i>Classical and Quantum Gravity</i> , 2022, 39, 11LT01.	4.0	24
25	The science case and challenges of space-borne sub-millimeter interferometry. <i>Acta Astronautica</i> , 2022, 196, 314-333.	3.2	15
26	First Sagittarius A* Event Horizon Telescope Results. I. The Shadow of the Supermassive Black Hole in the Center of the Milky Way. <i>Astrophysical Journal Letters</i> , 2022, 930, L12.	8.3	568
27	Selective Dynamical Imaging of Interferometric Data. <i>Astrophysical Journal Letters</i> , 2022, 930, L18.	8.3	21
28	Millimeter Light Curves of Sagittarius A* Observed during the 2017 Event Horizon Telescope Campaign. <i>Astrophysical Journal Letters</i> , 2022, 930, L19.	8.3	43
29	A Universal Power-law Prescription for Variability from Synthetic Images of Black Hole Accretion Flows. <i>Astrophysical Journal Letters</i> , 2022, 930, L20.	8.3	20
30	First Sagittarius A* Event Horizon Telescope Results. V. Testing Astrophysical Models of the Galactic Center Black Hole. <i>Astrophysical Journal Letters</i> , 2022, 930, L16.	8.3	187
31	First discoveries and localizations of Fast Radio Bursts with MeerTRAP: real-time, commensal MeerKAT survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 1961-1974.	4.4	8
32	Discovery of a radio-emitting neutron star with an ultra-long spin period of 76 s. <i>Nature Astronomy</i> , 2022, 6, 828-836.	10.1	63
33	BlackHoleCam – Testing general relativity with pulsars orbiting Sagittarius A. , 2022, , .		0
34	A MeerKAT, e-MERLIN, H.E.S.S., and <i>Swift</i> search for persistent and transient emission associated with three localized FRBs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 1365-1379.	4.4	4
35	The MeerTime Pulsar Timing Array: A census of emission properties and timing potential. <i>Publications of the Astronomical Society of Australia</i> , 2022, 39, .	3.4	24
36	Measurements of pulse jitter and single-pulse variability in millisecond pulsars using MeerKAT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 407-422.	4.4	25

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37	Common-red-signal analysis with 24-yr high-precision timing of the European Pulsar Timing Array: inferences in the stochastic gravitational-wave background search. Monthly Notices of the Royal Astronomical Society, 2021, 508, 4970-4993.	4.4	184
38	The relativistic binary programme on MeerKAT: science objectives and first results. Monthly Notices of the Royal Astronomical Society, 2021, 504, 2094-2114.	4.4	27
39	Rotation Measure Evolution of the Repeating Fast Radio Burst Source FRB 121102. Astrophysical Journal Letters, 2021, 908, L10.	8.3	80
40	The impact of solar wind variability on pulsar timing. Astronomy and Astrophysics, 2021, 647, A84.	5.1	20
41	First M87 Event Horizon Telescope Results. VII. Polarization of the Ring. Astrophysical Journal Letters, 2021, 910, L12.	8.3	215
42	Multifrequency observations of SGR J1935+2154. Monthly Notices of the Royal Astronomical Society, 2021, 503, 5367-5384.	4.4	22
43	Polarimetric Properties of Event Horizon Telescope Targets from ALMA. Astrophysical Journal Letters, 2021, 910, L14.	8.3	67
44	Eight new millisecond pulsars from the first MeerKAT globular cluster census. Monthly Notices of the Royal Astronomical Society, 2021, 504, 1407-1426.	4.4	47
45	First M87 Event Horizon Telescope Results. VIII. Magnetic Field Structure near The Event Horizon. Astrophysical Journal Letters, 2021, 910, L13.	8.3	297
46	The Thousand-Pulsar-Array programme on MeerKAT – V. Scattering analysis of single-component pulsars. Monthly Notices of the Royal Astronomical Society, 2021, 504, 1115-1128.	4.4	19
47	Broadband Multi-wavelength Properties of M87 during the 2017 Event Horizon Telescope Campaign. Astrophysical Journal Letters, 2021, 911, L11.	8.3	56
48	Constraints on black-hole charges with the 2017 EHT observations of M87*. Physical Review D, 2021, 103, .	4.7	126
49	Pulsar candidate identification using semi-supervised generative adversarial networks. Monthly Notices of the Royal Astronomical Society, 2021, 505, 1180-1194.	4.4	17
50	An analysis of the time-frequency structure of several bursts from FRB 121102 detected with MeerKAT. Monthly Notices of the Royal Astronomical Society, 2021, 505, 3041-3053.	4.4	19
51	A search for pulsar companions around low-mass white dwarfs. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4981-4988.	4.4	2
52	The Polarized Image of a Synchrotron-emitting Ring of Gas Orbiting a Black Hole. Astrophysical Journal, 2021, 912, 35.	4.5	43
53	Evidence for three-dimensional spin–velocity alignment in a pulsar. Nature Astronomy, 2021, 5, 788-795.	10.1	28
54	The thousand-pulsar-array programme on MeerKAT IV: Polarization properties of young, energetic pulsars. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4483-4495.	4.4	20

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55	Discovery and modelling of broad-scale plasma lensing in black-widow pulsar J2051-0827. Monthly Notices of the Royal Astronomical Society, 2021, 506, 2824-2835.	4.4	12
56	An 86 GHz Search for Pulsars in the Galactic Center with the Atacama Large Millimeter / submillimeter Array. Astrophysical Journal, 2021, 914, 30.	4.5	13
57	Searching for pulsars in the Galactic centre at 3 and 2 mm. Astronomy and Astrophysics, 2021, 650, A95.	5.1	16
58	Event Horizon Telescope observations of the jet launching and collimation in Centaurus A. Nature Astronomy, 2021, 5, 1017-1028.	10.1	65
59	Revisiting the Galactic Double Neutron Star merger and LIGO detection rates. Monthly Notices of the Royal Astronomical Society, 2021, 507, 5658-5670.	4.4	8
60	Multi-epoch searches for relativistic binary pulsars and fast transients in the Galactic Centre. Monthly Notices of the Royal Astronomical Society, 2021, 507, 5053-5068.	4.4	11
61	Timing observations of three Galactic millisecond pulsars. Monthly Notices of the Royal Astronomical Society, 2021, 507, 5303-5309.	4.4	5
62	FAST early pulsar discoveries: Effelsberg follow-up. Monthly Notices of the Royal Astronomical Society, 2021, 508, 300-314.	4.4	17
63	Wide Field Beamformed Observation with MeerKAT. Journal of Astronomical Instrumentation, 2021, 10, .	1.5	16
64	PSR J2222+0137. Astronomy and Astrophysics, 2021, 654, A16.	5.1	24
65	A bimodal burst energy distribution of a repeating fast radio burst source. Nature, 2021, 598, 267-271.	27.8	129
66	Removal and replacement of interference in tied-array radio pulsar observations using the spectral kurtosis estimator. Monthly Notices of the Royal Astronomical Society, 2021, 510, 1597-1611.	4.4	4
67	Radio and X-ray observations of giant pulses from XTE J1810-197. Monthly Notices of the Royal Astronomical Society, 2021, 510, 1996-2010.	4.4	13
68	Strong-Field Gravity Tests with the Double Pulsar. Physical Review X, 2021, 11, .	8.9	97
69	Noise analysis in the European Pulsar Timing Array data release 2 and its implications on the gravitational-wave background search. Monthly Notices of the Royal Astronomical Society, 2021, 509, 5538-5558.	4.4	28
70	The thousand-pulsar-array programme on MeerKAT VII: polarisation properties of pulsars in the Magellanic Clouds. Monthly Notices of the Royal Astronomical Society, 2021, 509, 5209-5217.	4.4	4
71	No Pulsar Companion Around the Nearest Low Mass White Dwarf. Research Notes of the AAS, 2021, 5, 279.	0.7	0
72	Gravitational Test beyond the First Post-Newtonian Order with the Shadow of the M87 Black Hole. Physical Review Letters, 2020, 125, 141104.	7.8	190

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73	Gravity Tests with Radio Pulsars. <i>Universe</i> , 2020, 6, 156.	2.5	28
74	The MeerKAT telescope as a pulsar facility: System verification and early science results from MeerTime. <i>Publications of the Astronomical Society of Australia</i> , 2020, 37, .	3.4	108
75	Verification of Radiative Transfer Schemes for the EHT. <i>Astrophysical Journal</i> , 2020, 897, 148.	4.5	44
76	Observing superluminous supernovae and long gamma-ray bursts as potential birthplaces of repeating fast radio bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 5170-5180.	4.4	6
77	Constraining the dense matter equation-of-state with radio pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 3118-3130.	4.4	35
78	Giant pulses from J1823 ⁺ 3021A observed with the MeerKAT telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 875-882.	4.4	12
79	The Galactic population and properties of young, highly energetic pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 1957-1965.	4.4	19
80	Measuring interstellar delays of PSR J0613 ⁺ 0200 over 7 ⁺ Åyr, using the Large European Array for Pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 1468-1479.	4.4	27
81	High-cadence observations and variable spin behaviour of magnetar Swift J1818.0 ⁺ 1607 after its outburst. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 6044-6056.	4.4	20
82	The Thousand-Pulsar-Array programme on MeerKAT – I. Science objectives and first results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 3608-3615.	4.4	30
83	A Fast Radio Burst Discovered in FAST Drift Scan Survey. <i>Astrophysical Journal Letters</i> , 2020, 895, L6.	8.3	31
84	An in-depth investigation of 11 pulsars discovered by FAST. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 3515-3530.	4.4	26
85	An improved test of the strong equivalence principle with the pulsar in a triple star system. <i>Astronomy and Astrophysics</i> , 2020, 638, A24.	5.1	44
86	Simultaneous multi-telescope observations of FRB 121102. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 4565-4573.	4.4	45
87	THEMIS: A Parameter Estimation Framework for the Event Horizon Telescope. <i>Astrophysical Journal</i> , 2020, 897, 139.	4.5	47
88	How to tell an accreting boson star from a black hole. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 521-535.	4.4	80
89	An ultra-wide bandwidth (704 to 4 ⁺ 032 ⁺ ÅMHz) receiver for the Parkes radio telescope. <i>Publications of the Astronomical Society of Australia</i> , 2020, 37, .	3.4	113
90	Event Horizon Telescope imaging of the archetypal blazar 3C 279 at an extreme 20 microarcsecond resolution. <i>Astronomy and Astrophysics</i> , 2020, 640, A69.	5.1	54

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91	A pulsar-based time-scale from the International Pulsar Timing Array. Monthly Notices of the Royal Astronomical Society, 2020, 491, 5951-5965.	4.4	51
92	The High Time Resolution Universe Pulsar Survey â€“ XVI. Discovery and timing of 40 pulsars from the southern Galactic plane. Monthly Notices of the Royal Astronomical Society, 2020, 493, 1063-1087.	4.4	20
93	The SURvey for Pulsars and Extragalactic Radio Bursts â€“ IV. Discovery and polarimetry of a 12.1-s radio pulsar. Monthly Notices of the Royal Astronomical Society, 2020, 493, 1165-1177.	4.4	25
94	A Shapiro delay detection in the pulsar binary system PSR J1811â€“2405. Monthly Notices of the Royal Astronomical Society, 2020, 493, 1261-1267.	4.4	15
95	SYMBA: An end-to-end VLBI synthetic data generation pipeline. Astronomy and Astrophysics, 2020, 636, A5.	5.1	18
96	Detection of the magnetar XTE J1810â€“197 at 150 and 260â€“GHz with the NIKA2 kinetic inductance detector camera. Astronomy and Astrophysics, 2020, 640, L2.	5.1	14
97	A precise mass measurement of PSR J2045+3633. Monthly Notices of the Royal Astronomical Society, 2020, 499, 4082-4096.	4.4	9
98	Revisiting profile instability of PSR J1022+1001. Monthly Notices of the Royal Astronomical Society, 2020, 500, 1178-1187.	4.4	9
99	Repeating behaviour of FRB 121102: periodicity, waiting times, and energy distribution. Monthly Notices of the Royal Astronomical Society, 2020, 500, 448-463.	4.4	109
100	Tests of Conservation Laws in Post-Newtonian Gravity with Binary Pulsars. Astrophysical Journal, 2020, 898, 69.	4.5	6
101	Monitoring the Morphology of M87* in 2009â€“2017 with the Event Horizon Telescope. Astrophysical Journal, 2020, 901, 67.	4.5	51
102	Discovery of a Gamma-Ray Black Widow Pulsar by GPU-accelerated Einstein@Home. Astrophysical Journal Letters, 2020, 902, L46.	8.3	42
103	Understanding and improving the timing of PSR J0737â€“3039B. Astronomy and Astrophysics, 2020, 643, A143.	5.1	10
104	The LOFAR Tied-Array All-Sky Survey (LOTAAS): Survey overview and initial pulsar discoveries. Astronomy and Astrophysics, 2019, 626, A104.	5.1	69
105	Spin frequency evolution and pulse profile variations of the recently re-activated radio magnetar XTE J1810â€“197. Monthly Notices of the Royal Astronomical Society, 2019, 488, 5251-5258.	4.4	30
106	First detection of frequency-dependent, time-variable dispersion measures. Astronomy and Astrophysics, 2019, 624, A22.	5.1	34
107	The Event Horizon General Relativistic Magnetohydrodynamic Code Comparison Project. Astrophysical Journal, Supplement Series, 2019, 243, 26.	7.7	175
108	The International Pulsar Timing Array: second data release. Monthly Notices of the Royal Astronomical Society, 2019, 490, 4666-4687.	4.4	191

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109	On the beam properties of radio pulsars with interpulse emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 4565-4574.	4.4	27
110	Radio emission from a pulsar's magnetic pole revealed by general relativity. <i>Science</i> , 2019, 365, 1013-1017.	12.6	45
111	The Size, Shape, and Scattering of Sagittarius A* at 86 GHz: First VLBI with ALMA. <i>Astrophysical Journal</i> , 2019, 871, 30.	4.5	81
112	Searching a Thousand Radio Pulsars for Gamma-Ray Emission. <i>Astrophysical Journal</i> , 2019, 871, 78.	4.5	46
113	Simulations of imaging the event horizon of Sagittarius A* from space. <i>Astronomy and Astrophysics</i> , 2019, 625, A124.	5.1	48
114	Black holes, gravitational waves and fundamental physics: a roadmap. <i>Classical and Quantum Gravity</i> , 2019, 36, 143001.	4.0	451
115	On the usefulness of existing solar wind models for pulsar timing corrections. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 394-408.	4.4	25
116	Low-frequency Faraday rotation measures towards pulsars using LOFAR: probing the 3D Galactic halo magnetic field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 3646-3664.	4.4	69
117	The High Time Resolution Universe survey "XIV. Discovery of 23 pulsars through GPU-accelerated reprocessing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 3673-3685.	4.4	38
118	Mode switching and oscillations in PSR B1828-11. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 3230-3240.	4.4	23
119	First M87 Event Horizon Telescope Results. III. Data Processing and Calibration. <i>Astrophysical Journal Letters</i> , 2019, 875, L3.	8.3	519
120	First M87 Event Horizon Telescope Results. II. Array and Instrumentation. <i>Astrophysical Journal Letters</i> , 2019, 875, L2.	8.3	618
121	First M87 Event Horizon Telescope Results. IV. Imaging the Central Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L4.	8.3	806
122	First M87 Event Horizon Telescope Results. I. The Shadow of the Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L1.	8.3	2,264
123	First M87 Event Horizon Telescope Results. V. Physical Origin of the Asymmetric Ring. <i>Astrophysical Journal Letters</i> , 2019, 875, L5.	8.3	814
124	First M87 Event Horizon Telescope Results. VI. The Shadow and Mass of the Central Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L6.	8.3	897
125	Relativistic Spin Precession in the Binary PSR J1141-6545. <i>Astrophysical Journal Letters</i> , 2019, 873, L15.	8.3	11
126	Micro-arcsecond structure of Sagittarius A* revealed by high-sensitivity 86 GHz VLBI observations. <i>Astronomy and Astrophysics</i> , 2019, 621, A119.	5.1	9

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127	The High Time Resolution Universe Pulsar Survey – XV. Completion of the intermediate-latitude survey with the discovery and timing of 25 further pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 5791-5801.	4.4	10
128	Constraints on the low frequency spectrum of FRB 121102. <i>Astronomy and Astrophysics</i> , 2019, 623, A42.	5.1	35
129	Detection of Pulses from the Vela Pulsar at Millimeter Wavelengths with Phased ALMA. <i>Astrophysical Journal Letters</i> , 2019, 885, L10.	8.3	9
130	Tests of gravitational symmetries with pulsar binary J1713+0747. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 3249-3260.	4.4	73
131	Testing the accuracy of the ionospheric Faraday rotation corrections through LOFAR observations of bright northern pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 4100-4113.	4.4	19
132	Pulsar Timing and Its Application for Navigation and Gravitational Wave Detection. <i>Space Science Reviews</i> , 2018, 214, 1.	8.1	21
133	The High Time Resolution Universe Pulsar Survey – XIII. PSR J1757+1854, the most accelerated binary pulsar. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 475, L57-L61.	3.3	79
134	Einstein@Home discovers a radio-quiet gamma-ray millisecond pulsar. <i>Science Advances</i> , 2018, 4, eaao7228.	10.3	20
135	The Einstein@Home Gamma-ray Pulsar Survey. II. Source Selection, Spectral Analysis, and Multiwavelength Follow-up. <i>Astrophysical Journal</i> , 2018, 854, 99.	4.5	22
136	The current ability to test theories of gravity with black hole shadows. <i>Nature Astronomy</i> , 2018, 2, 585-590.	10.1	180
137	A Direct Measurement of Sense of Rotation of PSR J0737+3039A. <i>Astrophysical Journal</i> , 2018, 853, 73.	4.5	5
138	Large Magneto-ionic Variations toward the Galactic Center Magnetar, PSR J1745-2900. <i>Astrophysical Journal Letters</i> , 2018, 852, L12.	8.3	50
139	The prospects of pulsar timing with new-generation radio telescopes and the Square Kilometre Array. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018, 376, 20170293.	3.4	12
140	Improving timing sensitivity in the microhertz frequency regime: limits from PSR J1713+0747 on gravitational waves produced by supermassive black hole binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 218-227.	4.4	22
141	Detection of Bursts from FRB 121102 with the Effelsberg 100 m Radio Telescope at 5 GHz and the Role of Scintillation. <i>Astrophysical Journal</i> , 2018, 863, 150.	4.5	34
142	On the prospects of imaging Sagittarius A* from space. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 24-28.	0.0	1
143	The Scattering and Intrinsic Structure of Sagittarius A* at Radio Wavelengths. <i>Astrophysical Journal</i> , 2018, 865, 104.	4.5	67
144	Studying the Solar system with the International Pulsar Timing Array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 5501-5516.	4.4	36

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145	LOFAR Discovery of a 23.5 s Radio Pulsar. <i>Astrophysical Journal</i> , 2018, 866, 54.	4.5	76
146	PSR J1755+2550: a young radio pulsar with a massive, compact companion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 4315-4326.	4.4	21
147	Progenitors of gravitational wave mergers: binary evolution with the stellar grid-based code ComBinE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 1908-1949.	4.4	248
148	cobra: a Bayesian approach to pulsar searching. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 5026-5042.	4.4	5
149	Low-frequency pulse profile variation in PSR B2217+47: evidence for echoes from the interstellar medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 2704-2716.	4.4	19
150	RFI flagging implications for short-duration transients. <i>Astronomy and Computing</i> , 2018, 23, 103-114.	1.7	6
151	PSR J2322+2650 – a low-luminosity millisecond pulsar with a planetary-mass companion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 469-477.	4.4	25
152	The SURvey for Pulsars and Extragalactic Radio Bursts – III. Polarization properties of FRBs 160102 and 151230. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 2046-2055.	4.4	48
153	Testing the Universality of Free Fall towards Dark Matter with Radio Pulsars. <i>Physical Review Letters</i> , 2018, 120, 241104.	7.8	16
154	THE EINSTEIN@HOME GAMMA-RAY PULSAR SURVEY. I. SEARCH METHODS, SENSITIVITY, AND DISCOVERY OF NEW YOUNG GAMMA-RAY PULSARS. <i>Astrophysical Journal</i> , 2017, 834, 106.	4.5	49
155	The black hole accretion code. <i>Computational Astrophysics and Cosmology</i> , 2017, 4, .	22.7	154
156	A massive millisecond pulsar in an eccentric binary. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 1711-1719.	4.4	41
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