Kejia Lee

List of Publications by Year
in descending order

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		218677	243625
47	3,721	26	44
papers	citations	h-index	g-index

48	48	48	3274
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The International Pulsar Timing Array second data release: Search for an isotropic gravitational wave background. Monthly Notices of the Royal Astronomical Society, 2022, 510, 4873-4887.	4.4	174
2	Characterizing the Fast Radio Burst Host Galaxy Population and its Connection to Transients in the Local and Extragalactic Universe. Astronomical Journal, 2022, 163, 69.	4.7	91
3	Modelling annual scintillation arc variations in PSRÂJ1643â˜'1224 using the Large European Array for Pulsars. Monthly Notices of the Royal Astronomical Society, 2022, 511, 1104-1114.	4.4	16
4	Detection of quasi-periodic micro-structure in three millisecond pulsars with the Large European Array for Pulsars. Monthly Notices of the Royal Astronomical Society, 2022, 513, 4037-4044.	4.4	6
5	Repeating fast radio bursts: Coherent circular polarization by bunches. Science China: Physics, Mechanics and Astronomy, 2022, 65, .	5.1	13
6	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
7	Fast radio burst detection in the presence of coloured noise. Monthly Notices of the Royal Astronomical Society, 2021, 503, 5223-5231.	4.4	8
8	The FAST Galactic Plane Pulsar Snapshot survey: I. Project design and pulsar discoveries^{â‹†}. Research in Astronomy and Astrophysics, 2021, 21, 107.	1.7	95
9	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
10	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
11	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
12	Measuring clock jumps using pulsar timing. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	5.1	5
13	Advancing pulsar science with the FAST. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	5.1	14
14	Measuring interstellar delays of PSR J0613â˜'0200 over 7Âyr, using the Large European Array for Pulsars. Monthly Notices of the Royal Astronomical Society, 2020, 499, 1468-1479.	4.4	27
15	Diverse polarization angle swings from a repeating fast radio burst source. Nature, 2020, 586, 693-696.	27.8	109
16	No pulsed radio emission during a bursting phase of a Galactic magnetar. Nature, 2020, 587, 63-65.	27.8	101
17	On the FRB luminosity function â€“ â€“ II. Event rate density. Monthly Notices of the Royal Astronomical Society, 2020, 494, 665-679.	4.4	81
18	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

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19	Piggyback search for fast radio bursts using Nanshan 26â€‰m and Kunming 40â€‰m radio telescopes â€“ I. Observing and data analysis systems, discovery of a mysterious peryton. Monthly Notices of the Royal Astronomical Society, 2019, 488, 3957-3971.	4.4	18
20	The International Pulsar Timing Array: second data release. Monthly Notices of the Royal Astronomical Society, 2019, 490, 4666-4687.	4.4	191
21	Non-detection of fast radio bursts from six gamma-ray burst remnants with possible magnetar engines. Monthly Notices of the Royal Astronomical Society, 2019, 489, 3643-3647.	4.4	17
22	Studying the Solar system dynamics using pulsar timing arrays and the LINIMOSS dynamical model. Monthly Notices of the Royal Astronomical Society, 2019, 489, 5573-5581.	4.4	15
23	Radio emission from a pulsarâ€™s magnetic pole revealed by general relativity. Science, 2019, 365, 1013-1017.	12.6	45
24	The 2016 glitch in the Vela pulsar. Astrophysics and Space Science, 2019, 364, 1.	1.4	9
25	Periodic Q-mode modulation in PSR J1825â^'0935 (PSR B1822â^'09). Monthly Notices of the Royal Astronomical Society, 2019, 485, 3241-3247.	4.4	18
26	Tests of gravitational symmetries with pulsar binary J1713+0747. Monthly Notices of the Royal Astronomical Society, 2019, 482, 3249-3260.	4.4	73
27	FRB 121102: A Starquake-induced Repeater?. Astrophysical Journal, 2018, 852, 140.	4.5	54
28	On the normalized FRB luminosity function. Monthly Notices of the Royal Astronomical Society, 2018, 481, 2320-2337.	4.4	96
29	Finding a faint polarized signal in wide-band radio data. Monthly Notices of the Royal Astronomical Society, 2017, 466, 378-391.	4.4	17
30	Pulsar observations with European telescopes for testing gravity and detecting gravitational waves. , 2017, , .		0
31	High-precision timing of 42 millisecond pulsars with the European Pulsar Timing Array. Monthly Notices of the Royal Astronomical Society, 2016, 458, 3341-3380.	4.4	351
32	The noise properties of 42 millisecond pulsars from the European Pulsar Timing Array and their impact on gravitational-wave searches. Monthly Notices of the Royal Astronomical Society, 2016, 457, 4421-4440.	4.4	48
33	Prospects for high-precision pulsar timing with the new Effelsberg PSRIX backend. Monthly Notices of the Royal Astronomical Society, 2016, 458, 868-880.	4.4	96
34	LEAP: the Large European Array for Pulsars. Monthly Notices of the Royal Astronomical Society, 2016, 456, 2196-2209.	4.4	72
35	ARECIBO PULSAR SURVEY USING ALFA. IV. MOCK SPECTROMETER DATA ANALYSIS, SURVEY SENSITIVITY, AND THE DISCOVERY OF 40 PULSARS. Astrophysical Journal, 2015, 812, 81.	4.5	77
36	Polarization signatures of unresolved radio sources. Monthly Notices of the Royal Astronomical Society, 2015, 450, 3579-3596.	4.4	20

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37	European Pulsar Timing Array limits on an isotropic stochastic gravitational-wave background. Monthly Notices of the Royal Astronomical Society, 2015, 453, 2577-2599.	4.4	380
38	Rotation measure synthesis revisited. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 447, L26-L30.	3.3	24
39	PULSE BROADENING MEASUREMENTS FROM THE GALACTIC CENTER PULSAR J1745-2900. Astrophysical Journal Letters, 2014, 780, L3.	8.3	75
40	FAST RADIO BURST DISCOVERED IN THE ARECIBO PULSAR ALFA SURVEY. Astrophysical Journal, 2014, 790, 101.	4.5	409
41	A strong magnetic field around the supermassive black hole at the centre of the Galaxy. Nature, 2013, 501, 391-394.	27.8	340
42	ON PULSAR DISTANCE MEASUREMENTS AND THEIR UNCERTAINTIES. Astrophysical Journal, 2012, 755, 39.	4.5	152
43	Crab giant pulses at low frequencies. Astronomy and Astrophysics, 2012, 538, A7.	5.1	26
44	Profile-shape stability and phase-jitter analyses of millisecond pulsars. Monthly Notices of the Royal Astronomical Society, 2012, 420, 361-368.	4.4	57
45	Radio and Î³-ray emissions from pulsars: possible observational tests. AIP Conference Proceedings, 2008, , .	0.4	0
46	A Joint Model for Radio and Î³-ray Emission from Pulsars. Symposium - International Astronomical Union, 2003, 214, 167-170.	0.1	1
47	A detailed study of giant pulses from PSR B1937+21 using the Large European Array for Pulsars. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	22