Prasenjit Saha

List of Publications by Year
in descending order

57	2,022	218677	243625
papers	citations	26 h-index	44 g-index

60	60	60	2142
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Time delay lens modelling challenge. Monthly Notices of the Royal Astronomical Society, 2021, 503, 1096-1123.	4.4	24
2	Searching for gravitational waves via Doppler tracking by future missions to Uranus and Neptune. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 503, L73-L79.	3.3	9
3	A new strategy for matching observed and simulated lensing galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 506, 1815-1831.	4.4	1
4	The lens SW05 J143454.4+522850: a fossil group at redshift 0.6?. Monthly Notices of the Royal Astronomical Society, 2021, 506, 1715-1722.	4.4	0
5	Radius measurement in binary stars: simulations of intensity interferometry. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2813-2824.	4.4	3
6	Observed versus simulated halo câ€“Mvir relations. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 510, 24-28.	3.3	2
7	Astronomy and the new SI. Publications of the Astronomical Society of the Pacific, 2020, 132, 021001.	3.1	1
8	The Hubble constant from eight time-delay galaxy lenses. Monthly Notices of the Royal Astronomical Society, 2020, 501, 784-801.	4.4	38
9	Towards a polarization prediction for LISA via intensity interferometry. Monthly Notices of the Royal Astronomical Society, 2020, 498, 4577-4589.	4.4	3
10	Lessons from a blind study of simulated lenses: image reconstructions do not always reproduce true convergence. Monthly Notices of the Royal Astronomical Society, 2020, 492, 3885-3903.	4.4	6
11	Fundamental physics with the Square Kilometre Array. Publications of the Astronomical Society of Australia, 2020, 37, .	3.4	179
12	Microlensing masses via photon bunching. Monthly Notices of the Royal Astronomical Society, 2019, 486, 5400-5404.	4.4	2
13	Microlensing as a possible probe of event-horizon structure in quasars. Monthly Notices of the Royal Astronomical Society, 2018, 475, 1925-1936.	4.4	4
14	Models of gravitational lens candidates from Space Warps CFHTLS. Monthly Notices of the Royal Astronomical Society, 2018, 474, 3700-3713.	4.4	10
15	Probing the Spinning of the Massive Black Hole in the Galactic Center via Pulsar Timing: A Full Relativistic Treatment. Astrophysical Journal, 2017, 849, 33.	4.5	22
16	Prospects for Measuring Planetary Spin and Frame-Dragging in Spacecraft Timing Signals. Frontiers in Astronomy and Space Sciences, 2017, 4, .	2.8	7
17	Prospects for testing general relativity and alternative theories with clocks on satellites in Earth orbit. , 2017, , .		0
18	Light versus dark in strong-lens galaxies: dark matter haloes that are rounder than their stars. Monthly Notices of the Royal Astronomical Society, 2016, 456, 870-884.	4.4	17

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19	Strong gravitational lensing and the stellar IMF of early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 459, 3677-3692.	4.4	42
20	SpaceÂWarpsâ€“ II. New gravitational lens candidates from the CFHTLS discovered through citizen science. Monthly Notices of the Royal Astronomical Society, 2016, 455, 1191-1210.	4.4	75
21	SpaceÂWarps â€“ I. Crowdsourcing the discovery of gravitational lenses. Monthly Notices of the Royal Astronomical Society, 2016, 455, 1171-1190.	4.4	77
22	Gravitational lens modelling in a citizen science context. Monthly Notices of the Royal Astronomical Society, 2015, 447, 2170-2180.	4.4	15
23	Lensing time delays as a substructure constraint: a case study with the cluster SDSS J1004+4112. Publication of the Astronomical Society of Japan, 2015, 67, .	2.5	15
24	Intensity interferometry with more than two detectors?. Monthly Notices of the Royal Astronomical Society, 2014, 437, 798-803.	4.4	24
25	Spacecraft clocks and relativity: Prospects for future satellite missions. Physical Review D, 2014, 89, .	4.7	18
26	Mass-galaxy offsets in Abell 3827, 2218 and 1689: intrinsic properties or line-of-sight substructures?. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2651-2661.	4.4	37
27	Cosmological parameter determination in free-form strong gravitational lens modelling. Monthly Notices of the Royal Astronomical Society, 2014, 437, 2461-2470.	4.4	19
28	Clocks around Sgr A*. Monthly Notices of the Royal Astronomical Society, 2014, 444, 3780-3791.	4.4	25
29	Gravitational lens recovery with glass: measuring the mass profile and shape of a lens. Monthly Notices of the Royal Astronomical Society, 2014, 445, 2181-2197.	4.4	21
30	Diagnostics of baryonic cooling in lensing galaxies. Monthly Notices of the Royal Astronomical Society, 2012, 424, 104-114.	4.4	10
31	RESOLVING THE BARYON-FRACTION PROFILE IN LENSING GALAXIES. Astrophysical Journal, 2011, 740, 97.	4.5	29
32	RELATIVISTIC REDSHIFT EFFECTS AND THE GALACTIC-CENTER STARS. Astrophysical Journal, 2010, 711, 157-163.	4.5	38
33	TOWARD RELATIVISTIC ORBIT FITTING OF GALACTIC CENTER STARS AND PULSARS. Astrophysical Journal, 2010, 720, 1303-1310.	4.5	51
34	Constraining the low-mass end of the initial mass function with gravitational lensing. Monthly Notices of the Royal Astronomical Society: Letters, 2010, 409, L30-L34.	3.3	35
35	THE CLUSTER LENS ACO 1703: REDSHIFT CONTRAST AND THE INNER PROFILE. Astrophysical Journal, 2009, 690, 154-162.	4.5	22
36	Biodiversity effects and transgressive overyielding. Journal of Plant Ecology, 2008, 1, 95-102.	2.3	160

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37	COSMOGRAIL: the COSmological MOnitoring of GRAvItational Lenses. Astronomy and Astrophysics, 2008, 488, 481-490.	5.1	69
38	Mesoâ€Structure in Three Strongâ€lensing Systems. Astrophysical Journal, 2007, 663, 29-37.	4.5	27
39	Radial Density Profiles of Timeâ€Delay Lensing Galaxies. Astrophysical Journal, 2007, 667, 645-654.	4.5	32
40	Mapping the Distribution of Luminous and Dark Matter in Strong Lensing Galaxies. Proceedings of the International Astronomical Union, 2007, 3, 206-215.	0.0	1
41	The Hubble Time Inferred from 10 Time Delay Lenses. Astrophysical Journal, 2006, 650, L17-L20.	4.5	73
42	Gravitational Lensing Model Degeneracies: Is Steepness Allâ€important?. Astrophysical Journal, 2006, 653, 936-941.	4.5	46
43	Two Strong-Lensing Clusters Confront Universal Dark Matter Profiles. Astrophysical Journal, 2006, 652, L5-L8.	4.5	30
44	COSMOGRAIL: the COSmological MOnitoring of GRAvItational Lenses. Astronomy and Astrophysics, 2006, 450, 461-469.	5.1	19
45	Stellar and Total Mass in Early-Type Lensing Galaxies. Astrophysical Journal, 2005, 623, L5-L8.	4.5	72
46	Time-delay quasars: Scales and orders of magnitudes. Astronomy and Astrophysics, 2004, 414, 425-428.	5.1	8
47	A Portable Modeler of Lensed Quasars. Astronomical Journal, 2004, 127, 2604-2616.	4.7	78
48	Models of the Giant Quadruple Quasar SDSS J1004+4112. Astronomical Journal, 2004, 128, 2631-2641.	4.7	36
49	Qualitative Theory for Lensed QSOs. Astronomical Journal, 2003, 125, 2769-2782.	4.7	51
50	Is B1422+231 a "Golden Lens"?. Astronomical Journal, 2003, 126, 29-36.	4.7	16
51	Pixelated Lenses and [ITAL]H[/ITAL][TINF]0[/TINF] from Time-Delay Quasars. Astronomical Journal, 2000, 119, 439-450.	4.7	81
52	Lensing Degeneracies Revisited. Astronomical Journal, 2000, 120, 1654-1659.	4.7	93
53	Non-parametric reconstruction of cluster mass distribution from strong lensing: modelling Abell 370. Monthly Notices of the Royal Astronomical Society, 1998, 294, 734-746.	4.4	34
54	Non-parametric reconstruction of cluster mass distribution from strong lensing: modelling Abell 370. Monthly Notices of the Royal Astronomical Society, 1998, 294, 734-746.	4.4	28

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55	Nonparametric Reconstruction of Abell 2218 from Combined Weak and Strong Lensing. Astronomical Journal, 1998, 116, 1541-1552.	4.7	50
56	Non-parametric reconstruction of the galaxy lens in PG 1115 + 080. Monthly Notices of the Royal Astronomical Society, 1997, 292, 148-156.	4.4	76
57	Unveiling dark haloes in lensing galaxies. Monthly Notices of the Royal Astronomical Society, 0, 383, 857-863.	4.4	59