

Sukanya Chakrabarti

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

538
citations

840776

11
h-index

677142

22
g-index

25
all docs

25
docs citations

25
times ranked

837
citing authors

#	ARTICLE	IF	CITATIONS
1	The Sagittarius impact as an architect of spirality and outer rings in the Milky Way. <i>Nature</i> , 2011, 477, 301-303.	27.8	193
2	THE AGORA HIGH-RESOLUTION GALAXY SIMULATIONS COMPARISON PROJECT. II. ISOLATED DISK TEST. <i>Astrophysical Journal</i> , 2016, 833, 202.	4.5	88
3	Tidal imprints of a dark subhalo on the outskirts of the Milky Way. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2009, 399, L118-L122.	3.3	44
4	FINDING DWARF GALAXIES FROM THEIR TIDAL IMPRINTS. <i>Astrophysical Journal</i> , 2011, 743, 35.	4.5	27
5	A Measurement of the Galactic Plane Mass Density from Binary Pulsar Accelerations. <i>Astrophysical Journal Letters</i> , 2021, 907, L26.	8.3	27
6	TIDAL IMPRINTS OF A DARK SUB-HALO ON THE OUTSKIRTS OF THE MILKY WAY. II. PERTURBER AZIMUTH. <i>Astrophysical Journal</i> , 2011, 731, 40.	4.5	24
7	Plausible Home Stars of the Interstellar Object "Oumuamua Found in Gaia DR2. <i>Astronomical Journal</i> , 2018, 156, 205.	4.7	23
8	Toward a Direct Measure of the Galactic Acceleration. <i>Astrophysical Journal Letters</i> , 2020, 902, L28.	8.3	15
9	Beyond Gaia: Asteroseismic Distances of M Giants Using Ground-based Transient Surveys. <i>Astronomical Journal</i> , 2020, 160, 18.	4.7	13
10	Dark subhaloes and disturbances in extended H α discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, , no-no.	4.4	12
11	Antlia 2's Role in Driving the Ripples in the Outer Gas Disk of the Galaxy. <i>Astrophysical Journal</i> , 2019, 886, 67.	4.5	12
12	CLUSTERED CEPHEID VARIABLES 90 KILOPARSECS FROM THE GALACTIC CENTER. <i>Astrophysical Journal Letters</i> , 2015, 802, L4.	8.3	11
13	The Contribution of Outer H α Disks to the Merging Binary Black Hole Population. <i>Astrophysical Journal Letters</i> , 2017, 850, L4.	8.3	8
14	Eclipse Timing the Milky Way's Gravitational Potential. <i>Astrophysical Journal Letters</i> , 2022, 928, L17.	8.3	8
15	Birth sites of young stellar associations and recent star formation in a flocculent corrugated disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 5623-5640.	4.4	7
16	A NEW PROBE OF THE DISTRIBUTION OF DARK MATTER IN GALAXIES. <i>Astrophysical Journal</i> , 2013, 771, 98.	4.5	6
17	Is The Vast Polar Structure Of Dwarf Galaxies A Serious Problem For Λ CDM?. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	5
18	The Supernova Rate beyond the Optical Radius. <i>Astrophysical Journal Letters</i> , 2018, 863, L1.	8.3	5

#	ARTICLE	IF	CITATIONS
19	Relating the H α gas structure of spiral discs to passing satellites. Monthly Notices of the Royal Astronomical Society, 2018, 481, 2590-2600.	4.4	3
20	Dynamically produced moving groups in interacting simulations. Monthly Notices of the Royal Astronomical Society, 2021, 505, 2561-2574.	4.4	3
21	The first detection of neutral hydrogen in emission in a strong spiral lens. Monthly Notices of the Royal Astronomical Society, 2018, 476, 3097-3105.	4.4	2
22	Galactoseismology in the GAIA Era. Proceedings of the International Astronomical Union, 2016, 11, 108-110.	0.0	1
23	Discovery of a Group of Receding, Variable Halo Stars toward Norma. Astrophysical Journal, 2017, 844, 159.	4.5	1
24	The Spectral Energy Distribution of the Earliest Phases of Massive Star Formation. Proceedings of the International Astronomical Union, 2015, 12, 151-152.	0.0	0