Sukanya Chakrabarti

List of Publications by Year
in descending order

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	Eclipse Timing the Milky Wayâ€™s Gravitational Potential. Astrophysical Journal Letters, 2022, 928, L17.	8.3	8
2	A Measurement of the Galactic Plane Mass Density from Binary Pulsar Accelerations. Astrophysical Journal Letters, 2021, 907, L26.	8.3	27
3	Dynamically produced moving groups in interacting simulations. Monthly Notices of the Royal Astronomical Society, 2021, 505, 2561-2574.	4.4	3
4	Birth sites of young stellar associations and recent star formation in a flocculent corrugated disc. Monthly Notices of the Royal Astronomical Society, 2020, 499, 5623-5640.	4.4	7
5	Beyond Gaia: Asteroseismic Distances of M Giants Using Ground-based Transient Surveys. Astronomical Journal, 2020, 160, 18.	4.7	13
6	Toward a Direct Measure of the Galactic Acceleration. Astrophysical Journal Letters, 2020, 902, L28.	8.3	15
7	Antlia 2â€™s Role in Driving the Ripples in the Outer Gas Disk of the Galaxy. Astrophysical Journal, 2019, 886, 67.	4.5	12
8	Relating the Hâ€‰i gas structure of spiral discs to passing satellites. Monthly Notices of the Royal Astronomical Society, 2018, 481, 2590-2600.	4.4	3
9	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
10	Plausible Home Stars of the Interstellar Object â€˜Oumuamua Found in Gaia DR2. Astronomical Journal, 2018, 156, 205.	4.7	23
11	The Supernova Rate beyond the Optical Radius. Astrophysical Journal Letters, 2018, 863, L1.	8.3	5
12	Discovery of a Group of Receding, Variable Halo Stars toward Norma. Astrophysical Journal, 2017, 844, 159.	4.5	1
13	The Contribution of Outer H i Disks to the Merging Binary Black Hole Population. Astrophysical Journal Letters, 2017, 850, L4.	8.3	8
14	Galactoseismology in the GAIA Era. Proceedings of the International Astronomical Union, 2016, 11, 108-110.	0.0	1
15	THE AGORA HIGH-RESOLUTION GALAXY SIMULATIONS COMPARISON PROJECT. II. ISOLATED DISK TEST. Astrophysical Journal, 2016, 833, 202.	4.5	88
16	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
17	CLUSTERED CEPHEID VARIABLES 90 KILOPARSECS FROM THE GALACTIC CENTER. Astrophysical Journal Letters, 2015, 802, L4.	8.3	11
18	A NEW PROBE OF THE DISTRIBUTION OF DARK MATTER IN GALAXIES. Astrophysical Journal, 2013, 771, 98.	4.5	6

#	Article	IF	Citations
19	The Sagittarius impact as an architect of spirality and outer rings in the Milky Way. Nature, 2011, 477, 301-303.	27.8	193
20	FINDING DWARF GALAXIES FROM THEIR TIDAL IMPRINTS. Astrophysical Journal, 2011, 743, 35.	4.5	27
21	TIDAL IMPRINTS OF A DARK SUB-HALO ON THE OUTSKIRTS OF THE MILKY WAY. II. PERTURBER AZIMUTH. Astrophysical Journal, 2011, 731, 40.	4.5	24
22	Dark subhaloes and disturbances in extended Hâ€ƒi discs. Monthly Notices of the Royal Astronomical Society, 2011, , no-no.	4.4	12
23	Tidal imprints of a dark subhalo on the outskirts of the Milky Way. Monthly Notices of the Royal Astronomical Society: Letters, 2009, 399, L118-L122.	3.3	44
24	Is The Vast Polar Structure Of Dwarf Galaxies A Serious Problem For Î›CDM?. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	5