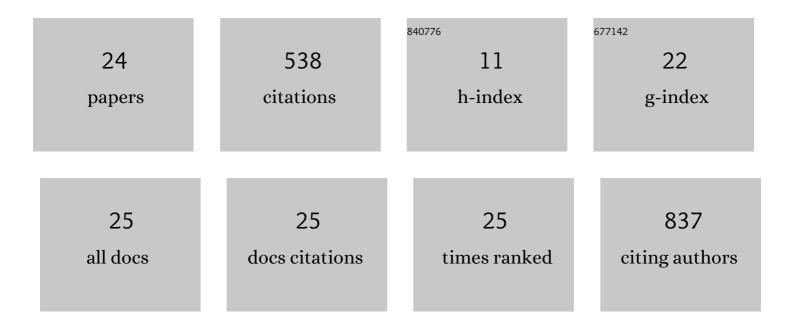
## Sukanya Chakrabarti

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/819011/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	The Sagittarius impact as an architect of spirality and outer rings in the Milky Way. Nature, 2011, 477, 301-303.	27.8	193
2	THE AGORA HIGH-RESOLUTION GALAXY SIMULATIONS COMPARISON PROJECT. II. ISOLATED DISK TEST. Astrophysical Journal, 2016, 833, 202.	4.5	88
3	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
4	FINDING DWARF GALAXIES FROM THEIR TIDAL IMPRINTS. Astrophysical Journal, 2011, 743, 35.	4.5	27
5	A Measurement of the Galactic Plane Mass Density from Binary Pulsar Accelerations. Astrophysical Journal Letters, 2021, 907, L26.	8.3	27
6	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
7	Plausible Home Stars of the Interstellar Object â€~Oumuamua Found in Gaia DR2. Astronomical Journal, 2018, 156, 205.	4.7	23
8	Toward a Direct Measure of the Galactic Acceleration. Astrophysical Journal Letters, 2020, 902, L28.	8.3	15
9	Beyond Gaia: Asteroseismic Distances of M Giants Using Ground-based Transient Surveys. Astronomical Journal, 2020, 160, 18.	4.7	13
10	Dark subhaloes and disturbances in extended H i discs. Monthly Notices of the Royal Astronomical Society, 2011, , no-no.	4.4	12
11	Antlia 2's Role in Driving the Ripples in the Outer Gas Disk of the Galaxy. Astrophysical Journal, 2019, 886, 67.	4.5	12
12	CLUSTERED CEPHEID VARIABLES 90 KILOPARSECS FROM THE GALACTIC CENTER. Astrophysical Journal Letters, 2015, 802, L4.	8.3	11
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	Eclipse Timing the Milky Way's Gravitational Potential. Astrophysical Journal Letters, 2022, 928, L17.	8.3	8
15	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
16	A NEW PROBE OF THE DISTRIBUTION OF DARK MATTER IN GALAXIES. Astrophysical Journal, 2013, 771, 98.	4.5	6
17	Is The Vast Polar Structure Of Dwarf Galaxies A Serious Problem For $\hat{\flat}CDM?$ . Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	5
18	The Supernova Rate beyond the Optical Radius. Astrophysical Journal Letters, 2018, 863, L1.	8.3	5

#	Article	IF	CITATIONS
19	Relating the H i 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