Dejan Urosevic

List of Publications by Year in descending order

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38 papers	623 citations	623734 14 h-index	642732 23 g-index
38 all docs	38 docs citations	38 times ranked	713 citing authors

#	Article	IF	Citations
1	Statistical Analysis of Supernova Remnants in the Large Magellanic Cloud. Astrophysical Journal, Supplement Series, 2017, 230, 2.	7.7	83
2	THE INFLUENCE OF SUPERNOVA REMNANTS ON THE INTERSTELLAR MEDIUM IN THE LARGE MAGELLANIC CLOUD SEEN AT 20-600 Î¼m WAVELENGTHS. Astrophysical Journal, 2015, 799, 50.	4.5	59
3	MODIFIED EQUIPARTITION CALCULATION FOR SUPERNOVA REMNANTS. Astrophysical Journal, 2012, 746, 79.	4.5	40
4	On the radio spectra of supernova remnants. Astrophysics and Space Science, 2014, 354, 541-552.	1.4	33
5	Î£-Drelation for supernova remnants and its dependence on the density of the interstellar medium. Monthly Notices of the Royal Astronomical Society, 2005, 360, 76-80.	4.4	27
6	L-Ddependence for supernova remnants and its connection with the Î£-Drelation. Monthly Notices of the Royal Astronomical Society, 2004, 350, 346-350.	4.4	25
7	Radio Evolution of Supernova Remnants Including Nonlinear Particle Acceleration: Insights from Hydrodynamic Simulations. Astrophysical Journal, 2018, 852, 84.	4.5	25
8	The ASKAP EMU Early Science Project: radio continuum survey of the Small Magellanic Cloud. Monthly Notices of the Royal Astronomical Society, 2019, 490, 1202-1219.	4.4	21
9	Multifrequency study of the Large Magellanic Cloud supernova remnant J0529â^'6653 near pulsar B0529-66. Monthly Notices of the Royal Astronomical Society, 2012, 420, 2588-2595.	4.4	20
10	Multifrequency study of SNR J0533â^'7202, a new supernova remnant in the LMC. Monthly Notices of the Royal Astronomical Society, 2013, 432, 2177-2181.	4.4	20
11	Multifrequency study of a new Fe-rich supernova remnant in the Large Magellanic Cloud, MCSNR J0508â^'6902. Monthly Notices of the Royal Astronomical Society, 2014, 439, 1110-1124.	4.4	18
12	Optical supernova remnants in nearby galaxies and their influence on star formation rates derived from HÎ± emission. Monthly Notices of the Royal Astronomical Society, 2015, 446, 943-958.	4.4	17
13	Radio-continuum study of Large Magellanic Cloud supernova remnant J0509â^'6731. Monthly Notices of the Royal Astronomical Society, 2014, 440, 3220-3225.	4.4	16
14	MODIFIED EQUIPARTITION CALCULATION FOR SUPERNOVA REMNANTS. CASES Îº = 0.5 AND Îº = 1. Astrophysical Journal, 2013, 777, 31.	4.5	14
15	HFPK 334: AN UNUSUAL SUPERNOVA REMNANT IN THE SMALL MAGELLANIC CLOUD. Astronomical Journal, 2014, 148, 99.	4.7	14
16	Radio observations of supernova remnant G1.9+0.3. Monthly Notices of the Royal Astronomical Society, 2020, 492, 2606-2621.	4.4	14
17	ON THE EXISTENCE OF â€œRADIO THERMALLY ACTIVEâ€•GALACTIC SUPERNOVA REMNANTS. Astrophysical Journal, 2012, 756, 61.	4.5	13
18	ON THE CONTINUUM RADIO SPECTRUM OF CAS A: POSSIBLE EVIDENCE OF NONLINEAR PARTICLE ACCELERATION. Astrophysical Journal, 2015, 805, 119.	4.5	13

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19	Discovery of a pulsar-powered bow shock nebula in the Small Magellanic Cloud supernova remnant DEMâ€‰S5. Monthly Notices of the Royal Astronomical Society, 2019, 486, 2507-2524.	4.4	13
20	New optically identified supernova remnants in the Large Magellanic Cloud. Monthly Notices of the Royal Astronomical Society, 2020, 500, 2336-2358.	4.4	13
21	An Analysis of the Broadband (22-3900 MHz) Radio Spectrum of HB 3 (G132.7+1.3): The Detection of Thermal Radio Emission from an Evolved Supernova Remnant?. Astrophysical Journal, 2007, 655, L41-L44.	4.5	12
22	THE ORTHOGONAL FITTING PROCEDURE FOR DETERMINATION OF THE EMPIRICAL Î£-DRELATIONS FOR SUPERNOVA REMNANTS: APPLICATION TO STARBURST GALAXY M82. Astrophysical Journal, 2010, 719, 950-957.	4.5	11
23	On the Foundation of Equipartition in Supernova Remnants. Astrophysical Journal, 2018, 855, 59.	4.5	11
24	Î£-D Relations and Main Galactic Radio Loops. Astrophysics and Space Science, 2003, 283, 75-86.	1.4	10
25	Thermal emission at radio frequencies from supernova remnants and a modified theoretical Î£â€“D relation. Astroparticle Physics, 2005, 23, 577-587.	4.3	9
26	Searching for an interstellar medium association for HESSâ€‰J1534Ââˆ’Â571. Monthly Notices of the Royal Astronomical Society, 2018, 480, 134-148.	4.4	9
27	Determination of Planetary Nebulae angular diameters from radio continuum spectral energy distribution modelling. Monthly Notices of the Royal Astronomical Society, 2021, 503, 2887-2898.	4.4	9
28	Particle acceleration in interstellar shocks. Astrophysics and Space Science, 2019, 364, 1.	1.4	8
29	Determining the evolutionary status of supernova remnants. Nature Astronomy, 2020, 4, 910-912.	10.1	8
30	Radio confirmation of Galactic supernova remnant G308.3âˆ’1.4. Monthly Notices of the Royal Astronomical Society, 2013, 428, 1980-1985.	4.4	7
31	On calibration of some distance scales in astrophysics. Monthly Notices of the Royal Astronomical Society, 2014, 440, 2026-2035.	4.4	7
32	Interstellar medium structure and the slope of the radio Î£â€“Drelation of supernova remnants. Monthly Notices of the Royal Astronomical Society, 2016, 461, 1421-1430.	4.4	6
33	A search for candidate radio supernova remnants in the nearby irregular starburst galaxies NGC 4214 and NGC 4395. Serbian Astronomical Journal, 2005, , 101-110.	0.6	6
34	Radio continuum sources behind the Large Magellanic Cloud. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2885-2904.	4.4	5
35	On the Determination of the Evolutionary Status of Supernova Remnants from Radio Observation Data. Publications of the Astronomical Society of the Pacific, 2022, 134, 061001.	3.1	4
36	SUPERNOVA REMNANTS IN THE MAGELLANIC CLOUDS. Publications of the Korean Astronomical Society, 2015, 30, 149-153.	0.0	3

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37	The Î£ â€“ D relation for Galactic planetary nebulae: Application of orthogonal fitting procedure. Proceedings of the International Astronomical Union, 2011, 7, 522-523.	0.0	0
38	The modified equipartition calculation for supernova remnants with the spectral index Î± = 0.5. Proceedings of the International Astronomical Union, 2012, 10, 398-398.	0.0	0