

Branislav VukotiÄ

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2104635/publications.pdf>

Version: 2024-02-01

32
papers

564
citations

687363

13
h-index

642732

23
g-index

38
all docs

38
docs citations

38
times ranked

621
citing authors

#	ARTICLE	IF	CITATIONS
1	Statistical Analysis of Supernova Remnants in the Large Magellanic Cloud. <i>Astrophysical Journal, Supplement Series</i> , 2017, 230, 2.	7.7	83
2	THE RADIO SURFACE-BRIGHTNESS-TO-DIAMETER RELATION FOR GALACTIC SUPERNOVA REMNANTS: SAMPLE SELECTION AND ROBUST ANALYSIS WITH VARIOUS FITTING OFFSETS. <i>Astrophysical Journal, Supplement Series</i> , 2013, 204, 4.	7.7	62
3	Updated radio $\hat{L} \sim D$ relation for galactic supernova remnants. <i>Serbian Astronomical Journal</i> , 2014, , 25-40.	0.6	44
4	MODIFIED EQUIPARTITION CALCULATION FOR SUPERNOVA REMNANTS. <i>Astrophysical Journal</i> , 2012, 746, 79.	4.5	40
5	Astrobiological Phase Transition: Towards Resolution of Fermi's Paradox. <i>Origins of Life and Evolution of Biospheres</i> , 2008, 38, 535-547.	1.9	30
6	The supernova remnant population of the Small Magellanic Cloud. <i>Astronomy and Astrophysics</i> , 2019, 631, A127.	5.1	30
7	The set of habitable planets and astrobiological regulation mechanisms. <i>International Journal of Astrobiology</i> , 2010, 9, 81-87.	1.6	29
8	â€˜Grandeur in this view of lifeâ€™: <i>N</i> -body simulation models of the Galactic habitable zone. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 3512-3524.	4.4	27
9	On the timescale forcing in astrobiology. <i>Serbian Astronomical Journal</i> , 2007, , 45-50.	0.6	23
10	Neocatastrophism and the milky way astrobiological landscape. <i>Serbian Astronomical Journal</i> , 2008, , 71-79.	0.6	18
11	Astrobiological Complexity with Probabilistic Cellular Automata. <i>Origins of Life and Evolution of Biospheres</i> , 2012, 42, 347-371.	1.9	18
12	Long-term prospects: Mitigation of supernova and gamma-ray burst threat to intelligent beings. <i>Acta Astronautica</i> , 2016, 129, 438-446.	3.2	18
13	Galactic Punctuated Equilibrium: How to Undermine Carter's Anthropic Argument in Astrobiology. <i>Astrobiology</i> , 2009, 9, 491-501.	3.0	16
14	MODIFIED EQUIPARTITION CALCULATION FOR SUPERNOVA REMNANTS. CASES $\hat{L} \pm = 0.5$ AND $\hat{L} \pm = 1$. <i>Astrophysical Journal</i> , 2013, 777, 31.	4.5	14
15	Advanced aspects of Galactic habitability. <i>Astronomy and Astrophysics</i> , 2019, 625, A98.	5.1	14
16	New optically identified supernova remnants in the Large Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 2336-2358.	4.4	13
17	Galactic habitability re-examined: indications of bimodality. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 408-416.	4.4	12
18	THE ORTHOGONAL FITTING PROCEDURE FOR DETERMINATION OF THE EMPIRICAL $\hat{L} \sim D$ RELATIONS FOR SUPERNOVA REMNANTS: APPLICATION TO STARBURST GALAXY M82. <i>Astrophysical Journal</i> , 2010, 719, 950-957.	4.5	11

#	ARTICLE	IF	CITATIONS
19	Searching for an interstellar medium association for HESS J1534-571. Monthly Notices of the Royal Astronomical Society, 2018, 480, 134-148.	4.4	9
20	On calibration of some distance scales in astrophysics. Monthly Notices of the Royal Astronomical Society, 2014, 440, 2026-2035.	4.4	7
21	Persistence of Technosignatures: A Comment on Lingam and Loeb. Astrobiology, 2019, 19, 1300-1302.	3.0	7
22	Astrobiological landscape: a platform for the neo-Copernican synthesis?. International Journal of Astrobiology, 2013, 12, 87-93.	1.6	6
23	Interstellar medium structure and the slope of the radio λ^2 relation of supernova remnants. Monthly Notices of the Royal Astronomical Society, 2016, 461, 1421-1430.	4.4	6
24	Loess and life out of Earth?. Quaternary International, 2016, 399, 208-217.	1.5	6
25	The Σ -D relation for planetary nebulae. Astronomy and Astrophysics, 2009, 495, 537-546.	5.1	6
26	The Σ -D analysis of recently detected radio planetary nebulae in the Magellanic Clouds. Astronomy and Astrophysics, 2009, 503, 855-858.	5.1	5
27	The λ^2 -D relation for planetary nebulae: Preliminary analysis. Serbian Astronomical Journal, 2007, , 73-77.	0.6	4
28	N-Body Simulations and Galactic Habitability. , 2018, , 173-197.		3
29	Optical observations of M81 galaxy group in narrow band [SII] and H α filters: Holmberg IX. Serbian Astronomical Journal, 2009, , 87-94.	0.6	1
30	High supernova rate and enhanced star-formation triggered in M81-M82 encounter. Proceedings of the International Astronomical Union, 2006, 2, 391-391.	0.0	0
31	The λ^2 -D relation for Galactic planetary nebulae: Application of orthogonal fitting procedure. Proceedings of the International Astronomical Union, 2011, 7, 522-523.	0.0	0
32	Habitability of galaxies and the application of merger trees in astrobiology. Serbian Astronomical Journal, 2019, , 25-43.	0.6	0