Dejan VinkoviÄ

List of Publications by Year
in descending order

23 papers	724 citations	623734 14 h-index	713466 21 g-index
23 all docs	23 docs citations	23 times ranked	745 citing authors

#	Article	IF	Citations
1	The Influence of Solar X-ray Flares on SAR Meteorology: The Determination of the Wet Component of the Tropospheric Phase Delay and Precipitable Water Vapor. Remote Sensing, 2021, 13, 2609.	4.0	2
2	Inner dusty regions of protoplanetary discs â€“ II. Dust dynamics driven by radiation pressure and disc winds. Monthly Notices of the Royal Astronomical Society, 2020, 500, 506-519.	4.4	9
3	Linear feature detection algorithm for astronomical surveys â€“ II. Defocusing effects on meteor tracks. Monthly Notices of the Royal Astronomical Society, 2018, 474, 4837-4854.	4.4	8
4	Proton-induced halo formation in charged meteors. Monthly Notices of the Royal Astronomical Society, 2018, 481, 2858-2870.	4.4	1
5	Linear feature detection algorithm for astronomical surveys â€“ I. Algorithm description. Monthly Notices of the Royal Astronomical Society, 2017, 471, 2626-2641.	4.4	11
6	BIG-SKY-EARTH: Reinforcing the bridge between astro- and geo-informatics. , 2015, , .		0
7	OUTFLOWS FROM EVOLVED STARS: THE RAPIDLY CHANGING FINGERS OF CRL 618. Astrophysical Journal, 2013, 772, 20.	4.5	51
8	THE ILLUMINATION AND GROWTH OF CRL 2688: AN ANALYSIS OF NEW AND ARCHIVALHUBBLE SPACE TELESCOPEOBSERVATIONS. Astrophysical Journal, 2012, 745, 188.	4.5	21
9	Inner dusty regions of protoplanetary discs - I. High-resolution temperature structure. Monthly Notices of the Royal Astronomical Society, 2012, 420, 1541-1552.	4.4	5
10	Test-field for evaluation of laboratory craters using a Crater Shape-based interpolation crater detection algorithm and comparison with Martian and Lunar impact craters. Planetary and Space Science, 2012, 71, 106-118.	1.7	4
11	Radiative transfer model of the dust structures of CRL 2688. Proceedings of the International Astronomical Union, 2011, 7, 520-521.	0.0	0
12	Radiation-pressure mixing of large dust grains in protoplanetary disks. Nature, 2009, 459, 227-229.	27.8	37
13	Optimal climbing speed explains the evolution of extreme sexual size dimorphism in spiders. Journal of Evolutionary Biology, 2009, 22, 954-963.	1.7	49
14	Morphological Evolution of Spiders Predicted by Pendulum Mechanics. PLoS ONE, 2008, 3, e1841.	2.5	40
15	Relation between the Luminosity of Young Stellar Objects and Their Circumstellar Environment. Astrophysical Journal, 2007, 658, 462-479.	4.5	49
16	Thermalization of sputtered particles as the source of diffuse radiation from high altitude meteors. Advances in Space Research, 2007, 39, 574-582.	2.6	25
17	Temperature Inversion on the Surface of Externally Heated Optically Thick Multigrain Dust Clouds. Astrophysical Journal, 2006, 651, 906-913.	4.5	14
18	Nearâ€Infrared and the Inner Regions of Protoplanetary Disks. Astrophysical Journal, 2006, 636, 348-361.	4.5	56

#	Article	IF	Citations
19	A physical analogue of the Schelling model. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 19261-19265.	7.1	167
20	Bipolar outflow on the asymptotic giant branch â€“ the case of IRC+10011. Monthly Notices of the Royal Astronomical Society, 2004, 352, 852-862.	4.4	31
21	Discs and haloes in pre-main-sequence stars. Monthly Notices of the Royal Astronomical Society, 2003, 346, 1151-1161.	4.4	56
22	Instrumental recording of electrophonic sounds from Leonid fireballs. Journal of Geophysical Research, 2002, 107, SIA 11-1.	3.3	21
23	Dust Emission from Herbig A[CLC]e[/CLC]/B[CLC]e[/CLC] Stars: Evidence for Disks and Envelopes. Astrophysical Journal, 1999, 520, L115-L118.	4.5	67