

Dejan VinkoviÄ

List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	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
3	Discs and haloes in pre-main-sequence stars. Monthly Notices of the Royal Astronomical Society, 2003, 346, 1151-1161.	4.4	56
4	Nearâ€infrared and the Inner Regions of Protoplanetary Disks. Astrophysical Journal, 2006, 636, 348-361.	4.5	56
5	OUTFLOWS FROM EVOLVED STARS: THE RAPIDLY CHANGING FINGERS OF CRL 618. Astrophysical Journal, 2013, 772, 20.	4.5	51
6	Relation between the Luminosity of Young Stellar Objects and Their Circumstellar Environment. Astrophysical Journal, 2007, 658, 462-479.	4.5	49
7	Optimal climbing speed explains the evolution of extreme sexual size dimorphism in spiders. Journal of Evolutionary Biology, 2009, 22, 954-963.	1.7	49
8	Morphological Evolution of Spiders Predicted by Pendulum Mechanics. PLoS ONE, 2008, 3, e1841.	2.5	40
9	Radiation-pressure mixing of large dust grains in protoplanetary disks. Nature, 2009, 459, 227-229.	27.8	37
10	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
11	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
12	Instrumental recording of electrophonic sounds from Leonid fireballs. Journal of Geophysical Research, 2002, 107, SIA 11-1.	3.3	21
13	THE ILLUMINATION AND GROWTH OF CRL 2688: AN ANALYSIS OF NEW AND ARCHIVAL<i>HUBBLE SPACE TELESCOPE</i>OBSERVATIONS. Astrophysical Journal, 2012, 745, 188.	4.5	21
14	Temperature Inversion on the Surface of Externally Heated Optically Thick Multigrain Dust Clouds. Astrophysical Journal, 2006, 651, 906-913.	4.5	14
15	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
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Proton-induced halo formation in charged meteors. Monthly Notices of the Royal Astronomical Society, 2018, 481, 2858-2870.	4.4	1
22	Radiative transfer model of the dust structures of CRL 2688. Proceedings of the International Astronomical Union, 2011, 7, 520-521.	0.0	0
23	BIG-SKY-EARTH: Reinforcing the bridge between astro- and geo-informatics. , 2015, , .		0