

The size distribution of interstellar grains

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Laboratory analogues to cosmic dust. <i>The Moon and the Planets</i> , 1978, 19, 139-152.	0.5	32
3	On the origin of cometary nuclei in the presolar nebula. <i>The Moon and the Planets</i> , 1978, 18, 447-464.	0.5	61
4	Protoplanetary core formation by rain-out of iron drops. <i>The Moon and the Planets</i> , 1978, 19, 443-456.	0.5	11
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6	Infrared observations of H II regions. <i>Die Naturwissenschaften</i> , 1979, 66, 73-80.	0.6	0
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21	A tentative evolutionary sequence for carbon stars derived from circumstellar shell parameters. <i>Astrophysics and Space Science</i> , 1981, 76, 341-349.	0.5	3
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1900	The initial structure of chondrule dust rims I: Electrically neutral grains. <i>Icarus</i> , 2019, 321, 99-111.	1.1	11
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1906	Spectral energy distributions of dust and PAHs based on the evolution of grain size distribution in galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 499, 3046-3060.	1.6	7
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1912	The Dust Attenuation Law in Galaxies. Annual Review of Astronomy and Astrophysics, 2020, 58, 529-575.	8.1	120
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1916	Unveiling the stellar origin of the Wolf-Rayet nebula NGC 6888 through infrared observations. Monthly Notices of the Royal Astronomical Society, 2020, 499, 415-427.	1.6	7
1917	Retrieving scattering clouds and disequilibrium chemistry in the atmosphere of HR 8799e. Astronomy and Astrophysics, 2020, 640, A131.	2.1	107
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1920	High circular polarization of near-infrared light induced by micron-sized dust grains. Monthly Notices of the Royal Astronomical Society, 2020, 496, 2762-2767.	1.6	8
1921	A Galactic dust devil: far-infrared observations of the Tornado supernova remnant candidate. Monthly Notices of the Royal Astronomical Society, 2020, 499, 5665-5678.	1.6	5
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1926	Influence of galactic arm scale dynamics on the molecular composition of the cold and dense ISM III. Elemental depletion and shortcomings of the current physico-chemical models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 2309-2319.	1.6	5
1927	From parallel to perpendicular – On the orientation of magnetic fields in molecular clouds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 4196-4212.	1.6	45
1928	Dust in the Wolf-Rayet nebula M ¹ -67. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 4128-4142.	1.6	6
1929	A systematic study of radiative torque grain alignment in the diffuse interstellar medium. <i>Astronomy and Astrophysics</i> , 2020, 640, A118.	2.1	14
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1936	Polarized emission by aligned grains in the Mie regime: Application to protoplanetary disks observed by ALMA. <i>Astronomy and Astrophysics</i> , 2020, 634, L15.	2.1	17
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1939	Radiative equilibrium estimates of dust temperature and mass in high-redshift galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 1577-1592.	1.6	27
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1949	The interpretation of protoplanetary disc wind diagnostic lines from X-ray photoevaporation and analytical MHD models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 223-244.	1.6	32
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1957	Rotational Desorption of Ice Mantles from Suprathermally Rotating Grains around Young Stellar Objects. <i>Astrophysical Journal</i> , 2020, 891, 38.	1.6	19
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1961	Spectroscopy and polarimetry of the gravitationally lensed quasar SDSS J1004+4112 with the 6m SAO RAS telescope. <i>Astronomy and Astrophysics</i> , 2020, 634, A27.	2.1	11
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1963	Fragmentation and energy dissipation in collisions of polydisperse granular clusters. <i>Astronomy and Astrophysics</i> , 2020, 633, A24.	2.1	8
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1990	Evolving grain-size distributions embedded in gas flows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 2147-2157.	1.6	3
1991	Modelling thermochemical processes in protoplanetary discs I: numerical methods. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 4471-4491.	1.6	4
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2047	Infrared Echoes of Optical Tidal Disruption Events: $\sim 1\%$ Dust-covering Factor or Less at Subparsec Scale. <i>Astrophysical Journal</i> , 2021, 911, 31.	1.6	34
2048	MRI-active inner regions of protoplanetary discs. I. A detailed model of disc structure. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 280-299.	1.6	15
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2056	The inner hot dust in the torus of NGC 1068. <i>Astronomy and Astrophysics</i> , 2021, 652, A65.	2.1	4
2057	Effects of Dust Evolution on the Vertical Shear Instability in the Outer Regions of Protoplanetary Disks. <i>Astrophysical Journal</i> , 2021, 914, 132.	1.6	12
2058	Chemical signatures of a warped protoplanetary disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 4821-4837.	1.6	13
2059	High Spatial Resolution Observations of Molecular Lines toward the Protoplanetary Disk around TW Hya with ALMA. <i>Astrophysical Journal</i> , 2021, 914, 113.	1.6	14
2060	Thermal Wave Instability as an Origin of Gap and Ring Structures in Protoplanetary Disks. <i>Astrophysical Journal Letters</i> , 2021, 914, L38.	3.0	18
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