

Mokkapati Shyam Prasad

List of Publications by Year in descending order

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37
papers

579
citations

567281

15
h-index

642732

23
g-index

37
all docs

37
docs citations

37
times ranked

391
citing authors

#	ARTICLE	IF	CITATIONS
1	Micrometeorite flux on Earth during the last ~50,000 years. <i>Journal of Geophysical Research E: Planets</i> , 2013, 118, 2381-2399.	3.6	49
2	Geochemical identification of impactor for Lonar crater, India. <i>Meteoritics and Planetary Science</i> , 2009, 44, 1001-1018.	1.6	34
3	Refractory metal nuggets in different types of cosmic spherules. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 131, 247-266.	3.9	34
4	New sites of Australasian microtektites in the central Indian Ocean: Implications for the location and size of source crater. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	32
5	Fractionation and fragmentation of glass cosmic spherules during atmospheric entry. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 99, 110-127.	3.9	31
6	Evidence for recent hydrothermal activity in the Central Indian Basin. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 1997, 44, 1167-1184.	1.4	30
7	Micrometer- and nanometer-sized platinum group nuggets in micrometeorites from deep-sea sediments of the Indian Ocean. <i>Meteoritics and Planetary Science</i> , 2011, 46, 470-491.	1.6	29
8	Oxygen isotopic composition of relict olivine grains in cosmic spherules: Links to chondrules from carbonaceous chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 164, 53-70.	3.9	28
9	Correlation of the oldest Toba Tuff to sediments in the central Indian Ocean Basin. <i>Journal of Earth System Science</i> , 2010, 119, 531-539.	1.3	26
10	EVALUATING CHANGES IN THE ELEMENTAL COMPOSITION OF MICROMETEORITES DURING ENTRY INTO THE EARTH'S ATMOSPHERE. <i>Astrophysical Journal</i> , 2015, 814, 78.	4.5	25
11	Chemical, isotopic and amino acid composition of Mukundpura CM2.0 (CM1) chondrite: Evidence of parent body aqueous alteration. <i>Geoscience Frontiers</i> , 2019, 10, 495-504.	8.4	21
12	Chemistry and petrology of Fe-Ni beads from different types of cosmic spherules: Implication for precursors. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 145, 139-158.	3.9	19
13	Investigations on a Large Collection of Cosmic Dust From the Central Indian Ocean. <i>Earth, Moon and Planets</i> , 2010, 107, 197-217.	0.6	18
14	Australasian minitektites discovered in the Indian Ocean. <i>Meteoritics and Planetary Science</i> , 1999, 34, 179-184.	1.6	17
15	Two layers of Australasian impact ejecta in the Indian Ocean?. <i>Meteoritics and Planetary Science</i> , 2003, 38, 1373-1381.	1.6	16
16	Tektites far and wide. <i>Nature</i> , 1990, 347, 340-340.	27.8	15
17	Ordinary chondritic micrometeorites from the Indian Ocean. <i>Meteoritics and Planetary Science</i> , 2015, 50, 1013-1031.	1.6	15
18	Impact microcrater morphology on Australasian microtektites. <i>Meteoritics and Planetary Science</i> , 2003, 38, 1351-1371.	1.6	14

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19	Microimpact phenomena on Australasian microtektites: Implications for ejecta plume characteristics and lunar surface processes. <i>Meteoritics and Planetary Science</i> , 1998, 33, 1271-1279.	1.6	11
20	ABLATION AND CHEMICAL ALTERATION OF COSMIC DUST PARTICLES DURING ENTRY INTO THE EARTH'S ATMOSPHERE. <i>Astrophysical Journal, Supplement Series</i> , 2016, 227, 15.	7.7	11
21	In situ oxygen isotope compositions in olivines of different types of cosmic spherules: An assessment of relationships to chondritic particles. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 194, 1-14.	3.9	11
22	RELICT OLIVINES IN MICROMETEORITES: PRECURSORS AND INTERACTIONS IN THE EARTH'S ATMOSPHERE. <i>Astrophysical Journal</i> , 2016, 831, 197.	4.5	11
23	New occurrences of Australasian microtektites in the Central Indian Basin. <i>Meteoritics</i> , 1994, 29, 66-69.	1.4	9
24	Selective Disparity of Ordinary Chondritic Precursors in Micrometeorite Flux. <i>Astrophysical Journal</i> , 2018, 853, 38.	4.5	9
25	Characterisation, Sources and Flux of Unmelted Micrometeorites on Earth During the Last ~50,000 Years. <i>Scientific Reports</i> , 2018, 8, 8887.	3.3	9
26	Oxygen isotopic and chemical composition of chromites in micrometeorites: Evidence of ordinary chondrite precursors. <i>Meteoritics and Planetary Science</i> , 2019, 54, 1347-1361.	1.6	9
27	Changes in abundance and nature of microimpact craters on the surfaces of Australasian microtektites with distance from the proposed source crater location. <i>Meteoritics and Planetary Science</i> , 2010, 45, 990-1006.	1.6	8
28	Chondrule-like object from the Indian Ocean cosmic spherules. <i>Journal of Earth System Science</i> , 2013, 122, 1161-1171.	1.3	8
29	Unmelted cosmic metal particles in the Indian Ocean. <i>Meteoritics and Planetary Science</i> , 2017, 52, 1060-1081.	1.6	7
30	Impact microcraters on an Australasian microtektite. <i>Meteoritics and Planetary Science</i> , 1996, 31, 46-49.	1.6	6
31	Major and trace element geochemistry of S-type cosmic spherules. <i>Meteoritics and Planetary Science</i> , 2016, 51, 718-742.	1.6	4
32	Fine-grained volatile components ubiquitous in solar nebula: Corroboration from scoriaceous cosmic spherules. <i>Meteoritics and Planetary Science</i> , 2018, 53, 1207-1222.	1.6	4
33	Mössbauer studies on impactites from Lonar impact crater. <i>Hyperfine Interactions</i> , 2008, 186, 15-22.	0.5	3
34	A unique corundum and refractory metal nugget bearing micrometeorite P117. <i>Meteoritics and Planetary Science</i> , 2017, 52, 164-173.	1.6	2
35	Perceptive of the pyroxene-bearing micrometeorites and their relation to chondrites. <i>Meteoritics and Planetary Science</i> , 2018, 53, 2035-2050.	1.6	2
36	Reply to the comment by M. Genge and M. Van Ginneken on paper entitled "Unmelted cosmic metal particles from the Indian Ocean". <i>Meteoritics and Planetary Science</i> , 2018, 53, 333-340.	1.6	1

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37	Rare, metal micrometeorites from the Indian Ocean. Meteoritics and Planetary Science, 2019, 54, 290-299.	1.6	1