Mokkapati Shyam Prasad

List of Publications by Year
in descending order

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	Chemical, isotopic and amino acid composition of Mukundpura CM2.0 (CM1) chondrite: Evidence of parent body aqueous alteration. Geoscience Frontiers, 2019, 10, 495-504.	8.4	21
2	Oxygen isotopic and chemical composition of chromites in micrometeorites: Evidence of ordinary chondrite precursors. Meteoritics and Planetary Science, 2019, 54, 1347-1361.	1.6	9
3	Rare, metal micrometeorites from the Indian Ocean. Meteoritics and Planetary Science, 2019, 54, 290-299.	1.6	1
4	Fineâ€grained volatile components ubiquitous in solar nebula: Corroboration from scoriaceous cosmic spherules. Meteoritics and Planetary Science, 2018, 53, 1207-1222.	1.6	4
5	Selective Disparity of Ordinary Chondritic Precursors in Micrometeorite Flux. Astrophysical Journal, 2018, 853, 38.	4.5	9
6	Perceptive of the pyroxeneâ€bearing micrometeorites and their relation to chondrites. Meteoritics and Planetary Science, 2018, 53, 2035-2050.	1.6	2
7	Reply to the comment by M. Genge and M. Van Ginneken on paper entitled â€œUnmelted cosmic metal particles from the Indian Oceanâ€. Meteoritics and Planetary Science, 2018, 53, 333-340.	1.6	1
8	Characterisation, Sources and Flux of Unmelted Micrometeorites on Earth During the Last ~50,000 Years. Scientific Reports, 2018, 8, 8887.	3.3	9
9	Unmelted cosmic metal particles in the Indian Ocean. Meteoritics and Planetary Science, 2017, 52, 1060-1081.	1.6	7
10	A unique corundum and refractory metalâ€nugget bearing micrometeorite P117. Meteoritics and Planetary Science, 2017, 52, 164-173.	1.6	2
11	ABLATION AND CHEMICAL ALTERATION OF COSMIC DUST PARTICLES DURING ENTRY INTO THE EARTHâ€™S ATMOSPHERE. Astrophysical Journal, Supplement Series, 2016, 227, 15.	7.7	11
12	In situ oxygen isotope compositions in olivines of different types of cosmic spherules: An assessment of relationships to chondritic particles. Geochimica Et Cosmochimica Acta, 2016, 194, 1-14.	3.9	11
13	RELICT OLIVINES IN MICROMETEORITES: PRECURSORS AND INTERACTIONS IN THE EARTHâ€™S ATMOSPHERE. Astrophysical Journal, 2016, 831, 197.	4.5	11
14	Major and trace element geochemistry of Sâ€type cosmic spherules. Meteoritics and Planetary Science, 2016, 51, 718-742.	1.6	4
15	EVALUATING CHANGES IN THE ELEMENTAL COMPOSITION OF MICROMETEORITES DURING ENTRY INTO THE EARTHâ€™S ATMOSPHERE. Astrophysical Journal, 2015, 814, 78.	4.5	25
16	Oxygen isotopic composition of relict olivine grains in cosmic spherules: Links to chondrules from carbonaceous chondrites. Geochimica Et Cosmochimica Acta, 2015, 164, 53-70.	3.9	28
17	Ordinary chondritic micrometeorites from the Indian Ocean. Meteoritics and Planetary Science, 2015, 50, 1013-1031.	1.6	15
18	Chemistry and petrology of Feâ€“Ni beads from different types of cosmic spherules: Implication for precursors. Geochimica Et Cosmochimica Acta, 2014, 145, 139-158.	3.9	19

#	Article	IF	Citations
19	Refractory metal nuggets in different types of cosmic spherules. Geochimica Et Cosmochimica Acta, 2014, 131, 247-266.	3.9	34
20	Micrometeorite flux on Earth during the last ~50,000 years. Journal of Geophysical Research E: Planets, 2013, 118, 2381-2399.	3.6	49
21	Chondrule-like object from the Indian Ocean cosmic spherules. Journal of Earth System Science, 2013, 122, 1161-1171.	1.3	8
22	Fractionation and fragmentation of glass cosmic spherules during atmospheric entry. Geochimica Et Cosmochimica Acta, 2012, 99, 110-127.	3.9	31
23	Micrometerâ€•and nanometerâ€sized platinum group nuggets in micrometeorites from deepâ€sea sediments of the Indian Ocean. Meteoritics and Planetary Science, 2011, 46, 470-491.	1.6	29
24	Correlation of the oldest Toba Tuff to sediments in the central Indian Ocean Basin. Journal of Earth System Science, 2010, 119, 531-539.	1.3	26
25	Investigations on a Large Collection of Cosmic Dust From the Central Indian Ocean. Earth, Moon and Planets, 2010, 107, 197-217.	0.6	18
26	Changes in abundance and nature of microimpact craters on the surfaces of Australasian microtektites with distance from the proposed source crater location. Meteoritics and Planetary Science, 2010, 45, 990-1006.	1.6	8
27	Geochemical identification of impactor for Lonar crater, India. Meteoritics and Planetary Science, 2009, 44, 1001-1018.	1.6	34
28	MÃ¶ssbauer studies on impactites from Lonar impact crater. Hyperfine Interactions, 2008, 186, 15-22.	0.5	3
29	New sites of Australasian microtektites in the central Indian Ocean: Implications for the location and size of source crater. Journal of Geophysical Research, 2007, 112, .	3.3	32
30	Impact microcrater morphology on Australasian microtektites. Meteoritics and Planetary Science, 2003, 38, 1351-1371.	1.6	14
31	Two layers of Australasian impact ejecta in the Indian Ocean?. Meteoritics and Planetary Science, 2003, 38, 1373-1381.	1.6	16
32	Australasian minitektites discovered in the Indian Ocean. Meteoritics and Planetary Science, 1999, 34, 179-184.	1.6	17
33	Microimpact phenomena on Australasian microtektites: Implications for ejecta plume characteristics and lunar surface processes. Meteoritics and Planetary Science, 1998, 33, 1271-1279.	1.6	11
34	Evidence for recent hydrothermal activity in the Central Indian Basin. Deep-Sea Research Part I: Oceanographic Research Papers, 1997, 44, 1167-1184.	1.4	30
35	Impact microcraters on an Australasian microtektite. Meteoritics and Planetary Science, 1996, 31, 46-49.	1.6	6
36	New occurrences of Australasian microtektites in the Central Indian Basin. Meteoritics, 1994, 29, 66-69.	1.4	9

#	Article	IF	Citations
37	Tektites far and wide. Nature, 1990, 347, 340-340.	27.8	15