

P Senthil Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

603
citations

687363

13
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

587
citing authors

#	ARTICLE	IF	CITATIONS
1	High mantle heat flow in a Precambrian granulite province: Evidence from southern India. Journal of Geophysical Research, 2003, 108, .	3.3	100
2	Gullies and landslides on the Moon: Evidence for dry granular flows. Journal of Geophysical Research E: Planets, 2013, 118, 206-223.	3.6	68
3	Recent shallow moonquake and impact-triggered boulder falls on the Moon: New insights from the Schrödinger basin. Journal of Geophysical Research E: Planets, 2016, 121, 147-179.	3.6	57
4	Impact fracturing and structural modification of sedimentary rocks at Meteor Crater, Arizona. Journal of Geophysical Research, 2008, 113, .	3.3	50
5	Structural effects of meteorite impact on basalt: Evidence from Lonar crater, India. Journal of Geophysical Research, 2005, 110, .	3.3	46
6	The role of radiogenic heat production in the thermal evolution of a Proterozoic granulite-facies orogenic belt: Eastern Ghats, Indian Shield. Earth and Planetary Science Letters, 2007, 254, 39-54.	4.4	46
7	Erosional modification and gully formation at Meteor Crater, Arizona: Insights into crater degradation processes on Mars. Icarus, 2010, 208, 608-620.	2.5	40
8	Drainage systems of Lonar Crater, India: Contributions to Lonar Lake hydrology and crater degradation. Planetary and Space Science, 2014, 95, 45-55.	1.7	36
9	Recent seismicity in Valles Marineris, Mars: Insights from young faults, landslides, boulder falls and possible mud volcanoes. Earth and Planetary Science Letters, 2019, 505, 51-64.	4.4	36
10	Impact fragmentation of Lonar Crater, India: Implications for impact cratering processes in basalt. Journal of Geophysical Research E: Planets, 2014, 119, 2029-2059.	3.6	33
11	The Seismically Active Lobate Scarps and Coseismic Lunar Boulder Avalanches Triggered by 3 January 1975 (<i>M</i> _W 4.1) Shallow Moonquake. Geophysical Research Letters, 2019, 46, 7972-7981.	4.0	20
12	Formation and geomorphologic history of the Lonar impact crater deduced from in situ cosmogenic ¹⁰ B and ²⁶ Al. Geochemistry, Geophysics, Geosystems, 2014, 15, 3190-3197.	2.5	16
13	Heat production heterogeneity of the Indian crust beneath the Himalaya: Insights from the northern Indian Shield. Earth and Planetary Science Letters, 2009, 283, 190-196.	4.4	15
14	The Long-Lived and Recent Seismicity at the Lunar Orientale Basin: Evidence From Morphology and Formation Ages of Boulder Avalanches, Tectonics, and Seismic Ground Motion. Journal of Geophysical Research E: Planets, 2020, 125, e2020JE006553.	3.6	12
15	Volcanism on farside of the Moon: New evidence from Antoniadi in South Pole Aitken basin. Icarus, 2014, 242, 249-268.	2.5	11
16	Physical Properties of Basalt Ejecta Boulders at Lonar Crater, India: Insights Into the Target Heterogeneity and Impact Spallation Processes in Basalt With Application to Mars. Journal of Geophysical Research E: Planets, 2020, 125, e2020JE006593.	3.6	9
17	High-resolution seismic imaging of the Sohagpur Gondwana basin, central India: Evidence for syn-sedimentary subsidence and faulting. Journal of Earth System Science, 2013, 122, 1495-1505.	1.3	8