

# P Senthil Kumar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10995599/publications.pdf>

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