

Supriyo Mitra

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4910184/publications.pdf>

Version: 2024-02-01

30
papers

1,126
citations

430874

18
h-index

477307

29
g-index

39
all docs

39
docs citations

39
times ranked

827
citing authors

#	ARTICLE	IF	CITATIONS
1	Hales Discontinuity in the Southern Indian Continental Lithosphere: Seismological and Petrological Models. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020564.	3.4	3
2	A reappraisal of the 2005 Kashmir (M 7.6) earthquake and its aftershocks: Seismotectonics of NW Himalaya. <i>Tectonophysics</i> , 2020, 789, 228501.	2.2	8
3	A Report on Broadband Seismological Experiment in the Jammu and Kashmir Himalaya (JAKSNET). <i>Seismological Research Letters</i> , 2020, 91, 1915-1926.	1.9	3
4	Mapping of Coda-Wave Attenuation and Its Frequency Dependency Over Eastern Indian Shield. <i>Pure and Applied Geophysics</i> , 2019, 176, 5291-5313.	1.9	4
5	Crustal anisotropy from shear-wave splitting of local earthquakes in the Garhwal Lesser Himalaya. <i>Geophysical Journal International</i> , 2019, 219, 2013-2033.	2.4	11
6	The crustal structure of the Himalaya: A synthesis. <i>Geological Society Special Publication</i> , 2019, 483, 483-516.	1.3	26
7	Crustal Structure and Evolution of the Eastern Himalayan Plate Boundary System, Northeast India. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 621-640.	3.4	43
8	Seismic Attenuation of the Eastern Himalayan and Indo-Burman Plate Boundary Systems, Northeast India. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 10,797.	3.4	5
9	Signatures of the Existence of Frontal and Lateral Ramp Structures Near the Kishtwar Window of the Jammu and Kashmir Himalaya: Evidence From Microseismicity and Source Mechanisms. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 3097-3114.	2.5	23
10	Three-Dimensional Crustal Architecture Beneath the Sikkim Himalaya and Its Relationship to Active Deformation. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 7860-7878.	3.4	18
11	Lateral variation of seismic attenuation in Sikkim Himalaya. <i>Geophysical Journal International</i> , 2017, 208, 257-268.	2.4	13
12	The 2015 April 25 Gorkha (Nepal) earthquake and its aftershocks: implications for lateral heterogeneity on the Main Himalayan Thrust. <i>Geophysical Journal International</i> , 2017, 208, 992-1008.	2.4	18
13	Seismotectonics of the eastern Himalayan and indo-burman plate boundary systems. <i>Tectonics</i> , 2015, 34, 2279-2295.	2.8	48
14	Active transverse faulting within underthrust Indian crust beneath the Sikkim Himalaya. <i>Geophysical Journal International</i> , 2015, 201, 1072-1083.	2.4	32
15	Active faulting in apparently stable peninsular India: Rift inversion and a Holocene-age great earthquake on the Tapti Fault. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 6650-6666.	3.4	40
16	Source Parameters of the 1 May 2013 mb 5.7 Kishtwar Earthquake: Implications for Seismic Hazards. <i>Bulletin of the Seismological Society of America</i> , 2014, 104, 1013-1019.	2.3	11
17	The shear wave velocity of the upper mantle beneath the Bay of Bengal, Northeast Indian Ocean from interstation phase velocities of surface waves. <i>Geophysical Journal International</i> , 2013, 193, 1506-1514.	2.4	17
18	Anomalous surface wave dispersion and the enigma of a "continental-like" structure for the Bay of Bengal. <i>Journal of Asian Earth Sciences</i> , 2011, 42, 1243-1255.	2.3	24

#	ARTICLE	IF	CITATIONS
19	The Himalayan foreland basin crust and upper mantle. <i>Physics of the Earth and Planetary Interiors</i> , 2011, 184, 34-40.	1.9	31
20	Crustal structure of the Darjeeling-Sikkim Himalaya and southern Tibet. <i>Geophysical Journal International</i> , 2011, 184, 829-852.	2.4	88
21	Microtremor survey in Talchir, India to ascertain its basin characteristics in terms of predominant frequency by Nakamura's ratio technique. <i>Engineering Geology</i> , 2009, 106, 123-132.	6.3	37
22	Lithospheric S-Wave Velocity Structure of the Bastar Craton, Indian Peninsula, from Surface-Wave Phase-Velocity Measurements. <i>Bulletin of the Seismological Society of America</i> , 2009, 99, 2502-2508.	2.3	22
23	Deconvolution of Three-Component Teleseismic Data from Southern Tibet Using the SVA Technique. <i>Bulletin of the Seismological Society of America</i> , 2009, 99, 1973-1983.	2.3	0
24	Crustal Structure of the Western Bengal Basin from Joint Analysis of Teleseismic Receiver Functions and Rayleigh-Wave Dispersion. <i>Bulletin of the Seismological Society of America</i> , 2008, 98, 2715-2723.	2.3	38
25	Configuration of the Indian Moho beneath the NW Himalaya and Ladakh. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	155
26	Shear-Wave Structure of the South Indian Lithosphere from Rayleigh Wave Phase-Velocity Measurements. <i>Bulletin of the Seismological Society of America</i> , 2006, 96, 1551-1559.	2.3	75
27	Variation of Rayleigh wave group velocity dispersion and seismic heterogeneity of the Indian crust and uppermost mantle. <i>Geophysical Journal International</i> , 2006, 164, 88-98.	2.4	53
28	Frequency-Dependent Lg Attenuation in the Indian Platform. <i>Bulletin of the Seismological Society of America</i> , 2006, 96, 2449-2456.	2.3	24
29	Crustal structure and earthquake focal depths beneath northeastern India and southern Tibet. <i>Geophysical Journal International</i> , 2004, 160, 227-248.	2.4	221
30	Deformation Pattern of the NW Terrane Boundary of the Eastern Ghats Mobile Belt, India: A Tectonic Model and Correlation with Antarctica. <i>Gondwana Research</i> , 2002, 5, 45-52.	6.0	35