

# Sujit Dasgupta

## List of Publications by Year in descending order

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31  
papers

751  
citations

623734

14  
h-index

526287

27  
g-index

31  
all docs

31  
docs citations

31  
times ranked

497  
citing authors

#	ARTICLE	IF	CITATIONS
1	Post-Oligocene evolution of Indo-Burma wedge: Insights from deformation structures of Tripura Mizoram fold belt. <i>Journal of Structural Geology</i> , 2022, 154, 104497.	2.3	2
2	Geo- and seismo- tectonics of Eastern Himalaya: Exploring earthquake source zones from foredeep to Tibetan hinterland. <i>Physics and Chemistry of the Earth</i> , 2021, 123, 103013.	2.9	7
3	Revisiting Two Damaging Indian Earthquakes of 1885: Kashmir and Bengal. <i>Journal of the Geological Society of India</i> , 2019, 93, 263-268.	1.1	5
4	Constraining the Seismic Potentiality Analysis for Andaman Arc System, NE Indian Ocean. <i>Journal of the Geological Society of India</i> , 2018, 91, 523-534.	1.1	3
5	Slab tear and tensional fault systems in the Sunda-Andaman Benioff zone: implications on tectonics and potential seismic hazard. <i>Geomatics, Natural Hazards and Risk</i> , 2016, 7, 1129-1146.	4.3	2
6	Kinematics and strain rates of the Eastern Himalayan Syntaxis from new GPS campaigns in Northeast India. <i>Tectonophysics</i> , 2015, 655, 15-26.	2.2	54
7	Seismic hazard assessment of Kashmir and Kangra valley region, Western Himalaya, India. <i>Geomatics, Natural Hazards and Risk</i> , 2015, 6, 149-183.	4.3	19
8	Earthquake swarms near eastern Himalayan Syntaxis along Jiali Fault in Tibet: A seismotectonic appraisal. <i>Geoscience Frontiers</i> , 2015, 6, 715-722.	8.4	19
9	Historical Notes: Historiography and Commentary on the Nepal - India Earthquake of 26 August 1833. <i>Indian Journal of History of Science</i> , 2015, 50, .	0.2	0
10	Genesis of a new slab tear fault in the Indo-Australian plate, offshore northern Sumatra, Indian ocean. <i>Journal of the Geological Society of India</i> , 2014, 83, 493-500.	1.1	2
11	Role of transverse tectonics in the Himalayan collision: Further evidences from two contemporary earthquakes. <i>Journal of the Geological Society of India</i> , 2013, 81, 241-247.	1.1	41
12	Seismic landscape from Sarpang re-entrant, Bhutan Himalaya foredeep, Assam, India: Constraints from geomorphology and geology. <i>Tectonophysics</i> , 2013, 592, 130-140.	2.2	18
13	Incipient status of dyke intrusion in top crust - evidences from the Al-Ays 2009 earthquake swarm, Harrat Lunayyir, SW Saudi Arabia. <i>Geomatics, Natural Hazards and Risk</i> , 2013, 4, 30-48.	4.3	24
14	Earthquake forerunner as probable precursor - an example from north burma subduction zone. <i>Journal of the Geological Society of India</i> , 2012, 80, 393-402.	1.1	3
15	Potential source zones for Himalayan earthquakes: constraints from spatial-temporal clusters. <i>Natural Hazards</i> , 2011, 57, 369-383.	3.4	29
16	Modelling the pore fluid diffusion process in aftershock initiation for 2004 Sumatra earthquake: implications for marine geohazard estimation in the Andaman region. <i>Natural Hazards</i> , 2011, 57, 39-49.	3.4	3
17	Seismic clusters and their characteristics at the Arabian Sea Triple Junction: Supportive evidences for plate margin deformations. <i>Journal of the Geological Society of India</i> , 2011, 78, 131-146.	1.1	3
18	Seismotectonics at the terminal ends of the Himalayan Arc. <i>Geomatics, Natural Hazards and Risk</i> , 2011, 2, 159-181.	4.3	19

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19	Relationship between earthquake swarm, rifting history, magmatism and pore pressure diffusion – an example from South Andaman Sea, India. <i>Journal of the Geological Society of India</i> , 2010, 76, 164-170.	1.1	11
20	Seismic cluster analysis for the Burmese–Andaman and West Sunda Arc: insight into subduction kinematics and seismic potentiality. <i>Geomatics, Natural Hazards and Risk</i> , 2010, 1, 283-314.	4.3	10
21	Statistical analysis on yearly seismic moment release data to demarcate the source zone for an impending earthquake in the Himalaya. <i>Acta Geophysica</i> , 2009, 57, 387-399.	2.0	5
22	Swarms in Andaman Sea, India – a seismotectonic analysis. <i>Acta Geophysica</i> , 2008, 56, 1000-1014.	2.0	20
23	Seismicity pattern in north Sumatra-Great Nicobar region: In search of precursor for the 26 December 2004 earthquake. <i>Journal of Earth System Science</i> , 2007, 116, 215-223.	1.3	16
24	Aftershock Propagation Characteristics During the First Three Hours Following the 26 December 2004 Sumatra-Andaman Earthquake. <i>Gondwana Research</i> , 2005, 8, 585-588.	6.0	11
25	Clustering of Earthquake Events in the Himalaya - Its Relevance to Regional Tectonic Set-up. <i>Gondwana Research</i> , 2004, 7, 1242-1247.	6.0	10
26	The geometry of the Burmese-Andaman subducting lithosphere. <i>Journal of Seismology</i> , 2003, 7, 155-174.	1.3	65
27	Seismicity and plate deformation below the Andaman arc, northeastern Indian Ocean. <i>Tectonophysics</i> , 1993, 225, 529-542.	2.2	65
28	Seismotectonic domains of northeastern India and adjacent areas. <i>Physics and Chemistry of the Earth</i> , 1991, 18, 371-384.	0.3	47
29	Deep structure and tectonics of the burmese arc: constraints from earthquake and gravity data. <i>Tectonophysics</i> , 1988, 149, 299-322.	2.2	121
30	Active transverse features in the central portion of the Himalaya. <i>Tectonophysics</i> , 1987, 136, 255-264.	2.2	117
31	Late Pleistocene microlithic industries in the Ayodhya hills, Purulia, West Bengal: Insights from geoarchaeological exploration. <i>Geological Society Special Publication</i> , 0, , SP515-2020-181.	1.3	0