Abhijit Ghosh

List of Publications by Year
in descending order

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35 papers	992 citations	471509 17 h-index	434195 31 g-index
38 all docs	38 docs citations	38 times ranked	807 citing authors

#	Article	IF	Citations
1	Slow-slip phenomena in Cascadia from 2007 and beyond: A review. Bulletin of the Geological Society of America, 2010, 122, 963-978.	3.3	114
2	Rapid, continuous streaking of tremor in Cascadia. Geochemistry, Geophysics, Geosystems, 2010, 11, .	2.5	95
3	Complex nonvolcanic tremor near Parkfield, California, triggered by the great 2004 Sumatra earthquake. Journal of Geophysical Research, 2009, 114, .	3.3	74
4	Tremor patches in Cascadia revealed by seismic array analysis. Geophysical Research Letters, 2009, 36, .	4.0	68
5	Interface locking along the subduction megathrust from bâ€value mapping near Nicoya Peninsula, Costa Rica. Geophysical Research Letters, 2008, 35, .	4.0	62
6	Tremor asperities in the transition zone control evolution of slow earthquakes. Journal of Geophysical Research, 2012, 117, .	3.3	60
7	Very low frequency earthquakes in Cascadia migrate with tremor. Geophysical Research Letters, 2015, 42, 3228-3232.	4.0	59
8	Tremor bands sweep Cascadia. Geophysical Research Letters, 2010, 37, .	4.0	49
9	Duplex in the Main Himalayan Thrust illuminated by aftershocks of the 2015 Mw 7.8 Gorkha earthquake. Nature Geoscience, 2019, 12, 1018-1022.	12.9	41
10	An Earthquake Detection and Location Architecture for Continuous Seismograms: Phase Picking, Association, Location, and Matched Filter (PALM). Seismological Research Letters, 2022, 93, 413-425.	1.9	34
11	Evidence for tidal triggering of highâ€amplitude rapid tremor reversals and tremor streaks in northern Cascadia. Geophysical Research Letters, 2013, 40, 4254-4259.	4.0	29
12	Very low frequency earthquakes spatiotemporally asynchronous with strong tremor during the 2014 episodic tremor and slip event in Cascadia. Geophysical Research Letters, 2016, 43, 6876-6882.	4.0	27
13	Tiny intraplate earthquakes triggered by nearby episodic tremor and slip in Cascadia. Geochemistry, Geophysics, Geosystems, 2011, 12, n/a-n/a.	2.5	25
14	Cascadia tremor spectra: Low corner frequencies and earthquake-like high-frequency falloff. Geochemistry, Geophysics, Geosystems, 2011, 12, n/a-n/a.	2.5	24
15	A high-resolution seismic catalog for the 2021 MS6.4/MW6.1 Yangbi earthquake sequence, Yunnan, China: Application of AI picker and matched filter. Earthquake Science, 2021, 34, 390-398.	0.9	24
16	Dynamic triggering of small local earthquakes in the central Himalaya. Geophysical Research Letters, 2016, 43, 9581-9587.	4.0	21
17	Earthquake spectra and nearâ€source attenuation in the Cascadia subduction zone. Journal of Geophysical Research, 2012, 117, .	3.3	20
18	Episodic tremors and slip in Cascadia in the framework of the Frenkel-Kontorova model. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	16

#	Article	IF	Citations
19	Ambient Tectonic Tremor in the San Jacinto Fault, near the Anza Gap, Detected by Multiple Mini Seismic Arrays. Bulletin of the Seismological Society of America, 2017, 107, 1985-1993.	2.3	16
20	3D Fault Structure Inferred from a Refined Aftershock Catalog for the 2015 Gorkha Earthquake in Nepal. Bulletin of the Seismological Society of America, 2020, 110, 26-37.	2.3	13
21	Nearâ€continuous tremor and lowâ€frequency earthquake activities in the Alaskaâ€Aleutian subduction zone revealed by a mini seismic array. Geophysical Research Letters, 2017, 44, 5427-5435.	4.0	12
22	Orogenic Segmentation and Its Role in Himalayan Mountain Building. Frontiers in Earth Science, 2021, 9, .	1.8	12
23	Rupture Heterogeneity and Directivity Effects in Backâ€Projection Analysis. Journal of Geophysical Research: Solid Earth, 2022, 127, .	3.4	12
24	Tectonic tremor on Vancouver Island, Cascadia, modulated by the body and surface waves of the M_w 8.6 and 8.2, 2012 East Indian Ocean earthquakes. Geophysical Research Letters, 2016, 43, 9009-9017.	4.0	11
25	Repeating VLFEs During ETS Events in Cascadia Track Slow Slip and Continue Throughout Interâ€ETS Period. Journal of Geophysical Research: Solid Earth, 2019, 124, 554-565.	3.4	11
26	Microseismicity along Xiaojiang Fault Zone (Southeastern Tibetan Plateau) and the characterization of interseismic fault behavior. Tectonophysics, 2022, 833, 229364.	2.2	11
27	Imaging Rupture Process of the 2015 Mw 8.3 Illapel Earthquake Using the US Seismic Array. Pure and Applied Geophysics, 2016, 173, 2245-2255.	1.9	10
28	Crustal anisotropy from tectonic tremor under Washington State in the Cascadia. Geophysical Research Letters, 2015, 42, 2228-2234.	4.0	9
29	Seismic tomography of compressional wave velocity and attenuation structure for Makushin Volcano, Alaska. Journal of Volcanology and Geothermal Research, 2020, 393, 106804.	2.1	7
30	A Dynamic Rupture Source Model for Very Lowâ€Frequency Earthquake Signal Without Detectable Nonvolcanic Tremors. Geophysical Research Letters, 2019, 46, 11934-11943.	4.0	6
31	A Rapid Response Network to Record Aftershocks of the 2015 MÂ7.8 Gorkha Earthquake in Nepal. Seismological Research Letters, 2020, 91, 2399-2408.	1.9	6
32	Delayed and Sustained Remote Triggering of Small Earthquakes in the San Jacinto Fault Region by the 2014 Mw 7.2 Papanoa, Mexico Earthquake. Geophysical Research Letters, 2019, 46, 11925-11933.	4.0	4
33	On the Rupture Propagation of the 2019 M6.4 Searles Valley, California, Earthquake, and the Lack of Immediate Triggering of the M7.1 Ridgecrest Earthquake. Geophysical Research Letters, 2021, 48, e2020GL090659.	4.0	4
34	Imaging Rupture Process of the 2015 Mw 8.3 Illapel Earthquake Using the US Seismic Array. , 2017, , 33-43.		3
35	Widespread Very Low Frequency Earthquakes (VLFEs) Activity Offshore Cascadia. Geophysical Research Letters, 2022, 49, .	4.0	3