

Abhijit Ghosh

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	An Earthquake Detection and Location Architecture for Continuous Seismograms: Phase Picking, Association, Location, and Matched Filter (PALM). <i>Seismological Research Letters</i> , 2022, 93, 413-425.	1.9	34
2	Rupture Heterogeneity and Directivity Effects in Back-Projection Analysis. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	3.4	12
3	Microseismicity along Xiaojiang Fault Zone (Southeastern Tibetan Plateau) and the characterization of interseismic fault behavior. <i>Tectonophysics</i> , 2022, 833, 229364.	2.2	11
4	Widespread Very Low Frequency Earthquakes (VLFs) Activity Offshore Cascadia. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	3
5	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. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090659.	4.0	4
6	Orogenic Segmentation and Its Role in Himalayan Mountain Building. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	12
7	A high-resolution seismic catalog for the 2021 MS6.4/MW6.1 Yangbi earthquake sequence, Yunnan, China: Application of AI picker and matched filter. <i>Earthquake Science</i> , 2021, 34, 390-398.	0.9	24
8	3D Fault Structure Inferred from a Refined Aftershock Catalog for the 2015 Gorkha Earthquake in Nepal. <i>Bulletin of the Seismological Society of America</i> , 2020, 110, 26-37.	2.3	13
9	A Rapid Response Network to Record Aftershocks of the 2015 M7.8 Gorkha Earthquake in Nepal. <i>Seismological Research Letters</i> , 2020, 91, 2399-2408.	1.9	6
10	Seismic tomography of compressional wave velocity and attenuation structure for Makushin Volcano, Alaska. <i>Journal of Volcanology and Geothermal Research</i> , 2020, 393, 106804.	2.1	7
11	Duplex in the Main Himalayan Thrust illuminated by aftershocks of the 2015 Mw 7.8 Gorkha earthquake. <i>Nature Geoscience</i> , 2019, 12, 1018-1022.	12.9	41
12	Delayed and Sustained Remote Triggering of Small Earthquakes in the San Jacinto Fault Region by the 2014 Mw 7.2 Papanoa, Mexico Earthquake. <i>Geophysical Research Letters</i> , 2019, 46, 11925-11933.	4.0	4
13	A Dynamic Rupture Source Model for Very Low-Frequency Earthquake Signal Without Detectable Nonvolcanic Tremors. <i>Geophysical Research Letters</i> , 2019, 46, 11934-11943.	4.0	6
14	Repeating VLFs During ETS Events in Cascadia Track Slow Slip and Continue Throughout Inter-ETS Period. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 554-565.	3.4	11
15	Near-continuous tremor and low-frequency earthquake activities in the Alaska-Aleutian subduction zone revealed by a mini seismic array. <i>Geophysical Research Letters</i> , 2017, 44, 5427-5435.	4.0	12
16	Ambient Tectonic Tremor in the San Jacinto Fault, near the Anza Gap, Detected by Multiple Mini Seismic Arrays. <i>Bulletin of the Seismological Society of America</i> , 2017, 107, 1985-1993.	2.3	16
17	Imaging Rupture Process of the 2015 Mw 8.3 Illapel Earthquake Using the US Seismic Array. , 2017, , 33-43.		3
18	Dynamic triggering of small local earthquakes in the central Himalaya. <i>Geophysical Research Letters</i> , 2016, 43, 9581-9587.	4.0	21

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19	Very low frequency earthquakes spatiotemporally asynchronous with strong tremor during the 2014 episodic tremor and slip event in Cascadia. <i>Geophysical Research Letters</i> , 2016, 43, 6876-6882.	4.0	27
20	Tectonic tremor on Vancouver Island, Cascadia, modulated by the body and surface waves of the <i>M_w</i> 8.6 and 8.2, 2012 East Indian Ocean earthquakes. <i>Geophysical Research Letters</i> , 2016, 43, 9009-9017.	4.0	11
21	Imaging Rupture Process of the 2015 Mw 8.3 Illapel Earthquake Using the US Seismic Array. <i>Pure and Applied Geophysics</i> , 2016, 173, 2245-2255.	1.9	10
22	Very low frequency earthquakes in Cascadia migrate with tremor. <i>Geophysical Research Letters</i> , 2015, 42, 3228-3232.	4.0	59
23	Crustal anisotropy from tectonic tremor under Washington State in the Cascadia. <i>Geophysical Research Letters</i> , 2015, 42, 2228-2234.	4.0	9
24	Evidence for tidal triggering of high-amplitude rapid tremor reversals and tremor streaks in northern Cascadia. <i>Geophysical Research Letters</i> , 2013, 40, 4254-4259.	4.0	29
25	Earthquake spectra and near-source attenuation in the Cascadia subduction zone. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	20
26	Tremor asperities in the transition zone control evolution of slow earthquakes. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	60
27	Episodic tremors and slip in Cascadia in the framework of the Frenkel-Kontorova model. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	16
28	Tiny intraplate earthquakes triggered by nearby episodic tremor and slip in Cascadia. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, n/a-n/a.	2.5	25
29	Cascadia tremor spectra: Low corner frequencies and earthquake-like high-frequency falloff. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, n/a-n/a.	2.5	24
30	Slow-slip phenomena in Cascadia from 2007 and beyond: A review. <i>Bulletin of the Geological Society of America</i> , 2010, 122, 963-978.	3.3	114
31	Tremor bands sweep Cascadia. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	49
32	Rapid, continuous streaking of tremor in Cascadia. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	2.5	95
33	Tremor patches in Cascadia revealed by seismic array analysis. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	68
34	Complex nonvolcanic tremor near Parkfield, California, triggered by the great 2004 Sumatra earthquake. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	74
35	Interface locking along the subduction megathrust from <i>b</i>-value mapping near Nicoya Peninsula, Costa Rica. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	62