

A P Singh

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

541
citations

567144

15
h-index

677027

22
g-index

30
all docs

30
docs citations

30
times ranked

339
citing authors

#	ARTICLE	IF	CITATIONS
1	Tectonic evolution and stress pattern of South Wagad Fault at the Kachchh Rift Basin in western India. Geological Magazine, 2017, 154, 875-887.	0.9	45
2	Characterizing Surface Geology, Liquefaction Potential, and Maximum Intensity in the Kachchh Seismic Zone, Western India, through Microtremor Analysis. Bulletin of the Seismological Society of America, 2017, 107, 1277-1292.	1.1	42
3	Simulation of the Arabian Sea Tsunami propagation generated due to 1945 Makran Earthquake and its effect on western parts of Gujarat (India). Natural Hazards, 2009, 48, 245-258.	1.6	40
4	A Probabilistic Assessment of Earthquake Hazard Parameters in NW Himalaya and the Adjoining Regions. Pure and Applied Geophysics, 2012, 169, 1619-1639.	0.8	39
5	Seismic source characteristics in Kachchh and Saurashtra regions of Western India: b-value and fractal dimension mapping of aftershock sequences. Natural Hazards, 2015, 77, 33-49.	1.6	36
6	3-D seismic structure of the Kachchh, Gujarat, and its implications for the earthquake hazard mitigation. Natural Hazards, 2011, 57, 83-105.	1.6	30
7	The Possibility of Site Effects: The Anjar Case, following Past Earthquakes in Gujarat, India. Seismological Research Letters, 2011, 82, 59-68.	0.8	25
8	Influence of Local Site Effects in the Ahmedabad Mega City on the Damage due to Past Earthquakes in Northwestern India. Bulletin of the Seismological Society of America, 2018, 108, 2170-2182.	1.1	25
9	Assessment of predominant frequencies using ambient vibration in the Kachchh region of western India: implications for earthquake hazards. Natural Hazards, 2014, 73, 1291-1309.	1.6	24
10	Role of the Kopili Fault in Deformation Tectonics of the Indo-Burmese Arc Inferred from the Rupture Process of the 3 January 2016 $M_w 6.7$ Imphal Earthquake. Bulletin of the Seismological Society of America, 2017, 107, 1041-1047.	1.1	24
11	An application of regional time and magnitude predictable model for long-term earthquake prediction in the vicinity of October 8, 2005 Kashmir Himalaya earthquake. Natural Hazards, 2010, 54, 985-1014.	1.6	23
12	Seismicity and Subterranean Sounds in the Northwest Deccan Volcanic Province of India. Bulletin of the Seismological Society of America, 2017, 107, 1129-1135.	1.1	21
13	Spatial variation of the aftershock activity across the Kachchh Rift Basin and its seismotectonic implications. Journal of Earth System Science, 2012, 121, 439-451.	0.6	17
14	Fault Geometry of the $M_w 7.7$ Western India Intraplate Earthquake: Constrained from Double-Difference Tomography and Fault-Plane Solutions. Bulletin of the Seismological Society of America, 2016, 106, 1446-1460.	1.1	17
15	Microtremor study for evaluating the site response characteristics in the Surat City of western India. Natural Hazards, 2017, 89, 1145-1166.	1.6	17
16	VS30 mapping and site characterization in the seismically active intraplate region of Western India: implications for risk mitigation. Near Surface Geophysics, 2019, 17, 533-546.	0.6	17
17	Earthquake Generated Tsunami in the Indian Ocean and Probable Vulnerability Assessment for the East Coast of India. Marine Geodesy, 2012, 35, 49-65.	0.9	13
18	Are earthquake swarms in South Gujarat, northwestern Deccan Volcanic Province of India monsoon induced?. Environmental Earth Sciences, 2019, 78, 1.	1.3	13

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19	Kappa (κ) model for Kachchh region of Western India. <i>Geomatics, Natural Hazards and Risk</i> , 2018, 9, 442-455.	2.0	11
20	Appraisal of seismic noise scenario at national seismological network of India in COVID-19 lockdown situation. <i>Geomatics, Natural Hazards and Risk</i> , 2020, 11, 2095-2122.	2.0	11
21	Comparison of earthquake source characteristics in the Kachchh Rift Basin and Saurashtra horst, Deccan Volcanic Province, western India. <i>Journal of Earth System Science</i> , 2018, 127, 1.	0.6	10
22	Crustal Structure Beneath the Indo-Burma Ranges from the Teleseismic Receiver Function and Its Implications for Dehydration of the Subducting Indian Slab. <i>Pure and Applied Geophysics</i> , 2022, 179, 197-216.	0.8	9
23	Investigation of spatial and temporal variability of site response in the Arunachal Himalaya using ambient seismic noise and earthquake waveforms. <i>Near Surface Geophysics</i> , 2019, 17, 427.	0.6	8
24	Emergency preparedness in the case of Makran tsunami: a case study on tsunami risk visualization for the western parts of Gujarat, India. <i>Geomatics, Natural Hazards and Risk</i> , 2016, 7, 826-842.	2.0	6
25	Rayleigh wave group velocity tomography of Gujarat region, Western India and its implications to mantle dynamics. <i>Journal of Seismology</i> , 2017, 21, 809-823.	0.6	6
26	Aftershock sequences of two great Sumatran earthquakes of 2004 and 2005 and simulation of the minor tsunami generated on September 12, 2007 in the Indian Ocean and its effect. <i>Natural Hazards</i> , 2011, 57, 7-26.	1.6	5
27	Earthquake source dynamics and kinematics of the Eastern Indian Shield and adjoining regions. <i>Acta Geophysica</i> , 2020, 68, 337-355.	1.0	4
28	Evaluation of site-specific characteristics using microtremor measurements in the Gorakhpur city of Uttar Pradesh, India. <i>Journal of Earth System Science</i> , 2021, 130, 1.	0.6	3
29	Investigation of shallow structures using ambient seismic noise data recorded at permanent broadband seismic stations in the Eastern Indian Shield and adjoining regions. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	0
30	Characteristic features of June 14, 2020 earthquake (Mw5.3) of Kachchh Rift Basin in the Deccan Volcanic Province of Western India: a case of complex intraplate event. <i>Journal of Seismology</i> , 0, , 1.	0.6	0