

# APSingh

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

959  
citations

394286

19  
h-index

526166

27  
g-index

51  
all docs

51  
docs citations

51  
times ranked

515  
citing authors

#	ARTICLE	IF	CITATIONS
1	The 2007 Talala, Saurashtra, western India earthquake sequence: Tectonic implications and seismicity triggering. <i>Journal of Asian Earth Sciences</i> , 2011, 40, 303-314.	1.0	59
2	Tectonic evolution and stress pattern of South Wagad Fault at the Kachchh Rift Basin in western India. <i>Geological Magazine</i> , 2017, 154, 875-887.	0.9	45
3	Characterizing Surface Geology, Liquefaction Potential, and Maximum Intensity in the Kachchh Seismic Zone, Western India, through Microtremor Analysis. <i>Bulletin of the Seismological Society of America</i> , 2017, 107, 1277-1292.	1.1	42
4	Simulation of the Arabian Sea Tsunami propagation generated due to 1945 Makran Earthquake and its effect on western parts of Gujarat (India). <i>Natural Hazards</i> , 2009, 48, 245-258.	1.6	40
5	A new insight into crustal heterogeneity beneath the 2001 Bhuj earthquake region of Northwest India and its implications for rupture initiations. <i>Journal of Asian Earth Sciences</i> , 2012, 48, 31-42.	1.0	39
6	A Probabilistic Assessment of Earthquake Hazard Parameters in NW Himalaya and the Adjoining Regions. <i>Pure and Applied Geophysics</i> , 2012, 169, 1619-1639.	0.8	39
7	Seismogenesis and earthquake triggering during the Van (Turkey) 2011 seismic sequence. <i>Tectonophysics</i> , 2013, 601, 163-176.	0.9	36
8	Seismic source characteristics in Kachchh and Saurashtra regions of Western India: b-value and fractal dimension mapping of aftershock sequences. <i>Natural Hazards</i> , 2015, 77, 33-49.	1.6	36
9	Seismological evidence for monsoon induced micro to moderate earthquake sequence beneath the 2011 Talala, Saurashtra earthquake, Gujarat, India. <i>Tectonophysics</i> , 2015, 661, 38-48.	0.9	34
10	3-D seismic structure of the Kachchh, Gujarat, and its implications for the earthquake hazard mitigation. <i>Natural Hazards</i> , 2011, 57, 83-105.	1.6	30
11	Inversions for earthquake focal mechanisms and regional stress in the Kachchh Rift Basin, western India: Tectonic implications. <i>Journal of Asian Earth Sciences</i> , 2016, 117, 269-283.	1.0	30
12	Influence of different land-surface processes on Indian summer monsoon circulation. <i>Natural Hazards</i> , 2007, 42, 423-438.	1.6	28
13	An insight into crack density, saturation rate, and porosity model of the 2001 Bhuj earthquake in the stable continental region of western India. <i>Journal of Asian Earth Sciences</i> , 2014, 83, 48-59.	1.0	27
14	Seismic hazard evaluation in Anjar city area of western India: Microtremor array measurement. <i>Soil Dynamics and Earthquake Engineering</i> , 2015, 71, 143-150.	1.9	26
15	The Possibility of Site Effects: The Anjar Case, following Past Earthquakes in Gujarat, India. <i>Seismological Research Letters</i> , 2011, 82, 59-68.	0.8	25
16	Influence of Local Site Effects in the Ahmedabad Mega City on the Damage due to Past Earthquakes in Northwestern India. <i>Bulletin of the Seismological Society of America</i> , 2018, 108, 2170-2182.	1.1	25
17	Assessment of predominant frequencies using ambient vibration in the Kachchh region of western India: implications for earthquake hazards. <i>Natural Hazards</i> , 2014, 73, 1291-1309.	1.6	24
18	Role of the Kopili Fault in Deformation Tectonics of the Indo-Burmese Arc Inferred from the Rupture Process of the 3 January 2016 M <sub>w</sub> 6.7 Imphal Earthquake. <i>Bulletin of the Seismological Society of America</i> , 2017, 107, 1041-1047.	1.1	24

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19	An application of regional time and magnitude predictable model for long-term earthquake prediction in the vicinity of October 8, 2005 Kashmir Himalaya earthquake. <i>Natural Hazards</i> , 2010, 54, 985-1014.	1.6	23
20	Crustal heterogeneities beneath the 2011 Talala, Saurashtra earthquake, Gujarat, India source zone: Seismological evidence for neo-tectonics. <i>Journal of Asian Earth Sciences</i> , 2013, 62, 672-684.	1.0	21
21	Seismicity and Subterranean Sounds in the Northwest Deccan Volcanic Province of India. <i>Bulletin of the Seismological Society of America</i> , 2017, 107, 1129-1135.	1.1	21
22	Ambient noise levels in Gujarat State (India) seismic network. <i>Geomatics, Natural Hazards and Risk</i> , 2012, 3, 342-354.	2.0	18
23	Spatial variation of the aftershock activity across the Kachchh Rift Basin and its seismotectonic implications. <i>Journal of Earth System Science</i> , 2012, 121, 439-451.	0.6	17
24	Fault Geometry of the $M_w 7.7$ Western India Intraplate Earthquake: Constrained from Double-Difference Tomography and Fault-Plane Solutions. <i>Bulletin of the Seismological Society of America</i> , 2016, 106, 1446-1460.	1.1	17
25	Microtremor study for evaluating the site response characteristics in the Surat City of western India. <i>Natural Hazards</i> , 2017, 89, 1145-1166.	1.6	17
26	VS30 mapping and site characterization in the seismically active intraplate region of Western India: implications for risk mitigation. <i>Near Surface Geophysics</i> , 2019, 17, 533-546.	0.6	17
27	National Seismological Network in India for Real-Time Earthquake Monitoring. <i>Seismological Research Letters</i> , 2021, 92, 2255-2269.	0.8	16
28	Earthquake Generated Tsunami in the Indian Ocean and Probable Vulnerability Assessment for the East Coast of India. <i>Marine Geodesy</i> , 2012, 35, 49-65.	0.9	13
29	Are earthquake swarms in South Gujarat, northwestern Deccan Volcanic Province of India monsoon induced?. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	13
30	The Impact of Three Different Cumulus Parameterization Schemes on the Indian Summer Monsoon Circulation. <i>The International Journal of Ocean and Climate Systems</i> , 2011, 2, 27-43.	0.8	12
31	Seismic velocity structure and intraplate seismicity beneath the Deccan Volcanic Province of western India. <i>Physics of the Earth and Planetary Interiors</i> , 2019, 287, 21-36.	0.7	12
32	Kappa ( $\kappa$ ) model for Kachchh region of Western India. <i>Geomatics, Natural Hazards and Risk</i> , 2018, 9, 442-455.	2.0	11
33	Evolution of Drainage in Response to Brittle - Ductile Dynamics and Surface Processes in Kachchh Rift Basin, Western India. , 0, , .		11
34	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
35	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
36	Delineation of thickness of intrabasaltic rocks beneath the Deccan Volcanic province of western India through microtremor analysis. <i>Soil Dynamics and Earthquake Engineering</i> , 2020, 138, 106348.	1.9	10

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37	Characterization of El Kherba landslide triggered by the August 07, 2020, Mw=4.9 Mila earthquake (Algeria) based on post-event field observations and ambient noise analysis. Environmental Earth Sciences, 2022, 81, 1.	1.3	10
38	Microtremor measurements in the India's holy city, Varanasi for assessment of site characteristics. Quaternary International, 2021, 585, 143-151.	0.7	9
39	Crustal Structure Beneath the Indo-Burma Ranges from the Teleseismic Receiver Function and Its Implications for Dehydration of the Subducting Indian Slab. Pure and Applied Geophysics, 2022, 179, 197-216.	0.8	9
40	Investigation of spatial and temporal variability of site response in the Arunachal Himalaya using ambient seismic noise and earthquake waveforms. Near Surface Geophysics, 2019, 17, 427.	0.6	8
41	A widely felt Tremor ( $M_L < 3.5$ ) of 12 April 2020 in and around NCT Delhi in the backdrop of prevailing COVID-19 pandemic lockdown: analysis and observations. Geomatics, Natural Hazards and Risk, 2020, 11, 1638-1652.	2.0	7
42	Emergency preparedness in the case of Makran tsunami: a case study on tsunami risk visualization for the western parts of Gujarat, India. Geomatics, Natural Hazards and Risk, 2016, 7, 826-842.	2.0	6
43	Rayleigh wave group velocity tomography of Gujarat region, Western India and its implications to mantle dynamics. Journal of Seismology, 2017, 21, 809-823.	0.6	6
44	Dynamic Relationship Study between the Observed Seismicity and Spatiotemporal Pattern of Lineament Changes in Palghar, North Maharashtra (India). Remote Sensing, 2022, 14, 135.	1.8	6
45	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. Natural Hazards, 2011, 57, 7-26.	1.6	5
46	Earthquake source dynamics and kinematics of the Eastern Indian Shield and adjoining regions. Acta Geophysica, 2020, 68, 337-355.	1.0	4
47	Distribution of $b$ -values in Indo-Burma Ranges, northeast India: Implications to structural heterogeneities and style of faulting. Geological Journal, 2022, 57, 5284-5293.	0.6	4
48	Evaluation of site-specific characteristics using microtremor measurements in the Gorakhpur city of Uttar Pradesh, India. Journal of Earth System Science, 2021, 130, 1.	0.6	3
49	Source parameters and scaling relations for small to moderate earthquakes in the Indo-Burma Ranges, North-east India, and its seismotectonic implications. Geological Journal, 2022, 57, 863-876.	0.6	3
50	Investigation of shallow structures using ambient seismic noise data recorded at permanent broadband seismic stations in the Eastern Indian Shield and adjoining regions. Environmental Earth Sciences, 2021, 80, 1.	1.3	0
51	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. Journal of Seismology, 0, , 1.	0.6	0