

Vikram Gupta

List of Publications by Year in descending order

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39
papers

890
citations

471371

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39
times ranked

670
citing authors

#	ARTICLE	IF	CITATIONS
1	Landslide hazard, vulnerability, and risk assessment (HVRA), Mussoorie township, lesser himalaya, India. <i>Environment, Development and Sustainability</i> , 2022, 24, 473-501.	2.7	23
2	Morpho-structural approach to assess landslides in the Kali river valley, NE Kumaun Himalaya, India. <i>Environmental Earth Sciences</i> , 2022, 81, 1.	1.3	3
3	Geomorphologic evaluation of landslides along the Teesta river valley, Sikkim Himalaya, India. <i>Geological Journal</i> , 2022, 57, 611-621.	0.6	12
4	An assessment of Dungale landslide using remotely piloted aircraft system (RPAS), ground penetration radar (GPR), and Slide & RS2 Softwares. <i>Natural Hazards</i> , 2022, 113, 1017-1042.	1.6	6
5	Regional-scale landslide susceptibility assessment for the hilly state of Uttarakhand, NW Himalaya, India. <i>Journal of Earth System Science</i> , 2022, 131, 1.	0.6	9
6	A Case Study of the 12 July 2021 Bhagsunath (McLeod Ganj) Flash Flood in Dharamshala, Himachal Pradesh: A Warning Against Constricting Natural Drainage. <i>Journal of the Geological Society of India</i> , 2022, 98, 607-610.	0.5	6
7	Implications of geomorphometric parameters on the occurrence of landslides in the Kali Valley, Kumaun Himalaya, India. <i>Catena</i> , 2022, 215, 106313.	2.2	2
8	Geological, geotechnical, and GPR investigations along the Mansa Devi hill-bypass (MDHB) Road, Uttarakhand, India. <i>Landslides</i> , 2021, 18, 849-863.	2.7	11
9	Airblasts caused by large slope collapses. <i>Bulletin of the Geological Society of America</i> , 2021, 133, 939-948.	1.6	9
10	Inferring potential landslide damming using slope stability, geomorphic constraints, and run-out analysis: a case study from the NW Himalaya. <i>Earth Surface Dynamics</i> , 2021, 9, 351-377.	1.0	15
11	Coseismic landslide hazard assessment for the future scenario earthquakes in the Kumaun Himalaya, India. <i>Bulletin of Engineering Geology and the Environment</i> , 2021, 80, 5219-5235.	1.6	20
12	Evaluation of spatial probability of landslides using bivariate and multivariate approaches in the Goriganga valley, Kumaun Himalaya, India. <i>Natural Hazards</i> , 2021, 109, 2461-2488.	1.6	15
13	Litho-tectonic and precipitation implications on landslides, Yamuna valley, NW Himalaya. <i>Physical Geography</i> , 2020, 41, 365-388.	0.6	15
14	Landslide susceptibility mapping using bivariate statistical method for the hilly township of Mussoorie and its surrounding areas, Uttarakhand Himalaya. <i>Journal of Earth System Science</i> , 2020, 129, 1.	0.6	20
15	Evaluation of potential landslide damming: Case study of Urni landslide, Kinnaur, Satluj valley, India. <i>Geoscience Frontiers</i> , 2019, 10, 753-767.	4.3	49
16	Geological and geotechnical characterisation of the Khotila landslide in the Dharchula region, NE Kumaun Himalaya. <i>Journal of Earth System Science</i> , 2019, 128, 1.	0.6	15
17	Spatial interrelationship of landslides, litho-tectonics, and climate regime, Satluj valley, Northwest Himalaya. <i>Geological Journal</i> , 2019, 54, 537-551.	0.6	27
18	Hazard evaluation of progressive Pawari landslide zone, Satluj valley, Himachal Pradesh, India. <i>Natural Hazards</i> , 2018, 93, 1029-1047.	1.6	32

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19	Evaluation of potential surface instability using finite element method in Kharsali Village, Yamuna Valley, Northwest Himalaya. <i>Journal of Mountain Science</i> , 2017, 14, 1666-1676.	0.8	26
20	Accelerated mass movement activities due to increased rainfall in the Nainital township, Kumaun Lesser Himalaya, India. <i>Zeitschrift für Geomorphologie</i> , 2017, 61, 29-42.	0.3	6
21	Landslide Hazard in the Nainital township, Kumaun Himalaya, India: the case of September 2014 Balia Nala landslide. <i>Natural Hazards</i> , 2016, 80, 863-877.	1.6	30
22	Landslide hazards around Uttarkashi township, Garhwal Himalaya, after the tragic flash flood in June 2013. <i>Natural Hazards</i> , 2016, 80, 1689-1707.	1.6	17
23	Finite element analysis of failed slope by shear strength reduction technique: a case study for Surabhi Resort Landslide, Mussoorie township, Garhwal Himalaya. <i>Geomatics, Natural Hazards and Risk</i> , 2016, 7, 1677-1690.	2.0	61
24	Seismic properties of naturally deformed quartzites of the Alaknanda valley, Garhwal Himalaya, India. <i>Journal of Earth System Science</i> , 2015, 124, 1159-1175.	0.6	3
25	Kinematic rockfall hazard assessment along a transportation corridor in the Upper Alaknanda valley, Garhwal Himalaya, India. <i>Bulletin of Engineering Geology and the Environment</i> , 2015, 74, 315-326.	1.6	8
26	Estimation of strength characteristics of different Himalayan rocks from Schmidt hammer rebound, point load index, and compressional wave velocity. <i>Bulletin of Engineering Geology and the Environment</i> , 2015, 74, 521-533.	1.6	50
27	Colonization delay of <i>Rhizocarpon geographicum</i> : Study from the Gangotri glacier, northwestern Himalaya. <i>Journal of the Geological Society of India</i> , 2014, 84, 335-340.	0.5	5
28	The control of mineral constituents and textural characteristics on the petrophysical & mechanical (PM) properties of different rocks of the Himalaya. <i>Engineering Geology</i> , 2013, 153, 125-143.	2.9	70
29	Macroseismic field observations of 18 September 2011 Sikkim earthquake. <i>Natural Hazards</i> , 2012, 63, 589-603.	1.6	25
30	Relationship between textural, petrophysical and mechanical properties of quartzites: A case study from northwestern Himalaya. <i>Engineering Geology</i> , 2012, 135-136, 1-9.	2.9	43
31	Petrophysical properties of the Himalayan granitoids: Implication on composition and source. <i>Tectonophysics</i> , 2011, 497, 23-33.	0.9	11
32	Influence of magnetic fabric anisotropy on seismic wave velocity in paramagnetic granites from NW Himalaya: Results from preliminary investigations. <i>Journal of the Geological Society of India</i> , 2010, 76, 322-330.	0.5	1
33	Non-destructive testing of some Higher Himalayan Rocks in the Satluj Valley. <i>Bulletin of Engineering Geology and the Environment</i> , 2009, 68, 409-416.	1.6	44
34	An evaluation of surface hardness of natural and modified rocks using schmidt hammer: study from northwestern himalaya, india. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2009, 91, 179-188.	0.6	15
35	Impact of the Trans-Himalayan Landslide Lake Outburst Flood (LLOF) in the Satluj catchment, Himachal Pradesh, India. <i>Natural Hazards</i> , 2008, 45, 379-390.	1.6	74
36	Spatial variability of mass movements in the Satluj Valley, Himachal Pradesh during 1990 & 2006. <i>Journal of Mountain Science</i> , 2008, 5, 38-51.	0.8	21

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37	The relationship between Main Central Thrust (MCT) and the spatial distribution of mass movement in the Satluj valley, northwestern Higher Himalaya, India. Zeitschrift für Geomorphologie, 2008, 52, 169-179.	0.3	2
38	The effect of pH of water and mineralogical properties on the slake durability (degradability) of different rocks from the Lesser Himalaya, India. Engineering Geology, 2007, 95, 79-87.	2.9	78
39	The relationship between tectonic stresses, joint patterns and landslides. Journal of Nepal Geological Society, 1970, 31, 51-58.	0.2	11