Dericks P Shukla

List of Publications by Year
in descending order

45	881	687363 13	501196 28
papers	citations	h-index	g-index

46	46	46	1015
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Landslide susceptibility mapping & prediction using Support Vector Machine for Mandakini River Basin, Garhwal Himalaya, India. Geomorphology, 2017, 295, 115-125.	2.6	110
2	Gangdese arc detritus within the eastern Himalayan Neogene foreland basin: Implications for the Neogene evolution of the Yaluâ€“Brahmaputra River system. Earth and Planetary Science Letters, 2009, 285, 150-162.	4.4	100
3	Synthesis of fly ash based zeolite-reduced graphene oxide composite and its evaluation as an adsorbent for arsenic removal. Chemosphere, 2019, 219, 504-509.	8.2	70
4	Sources and controls of Arsenic contamination in groundwater of Rajnandgaon and Kanker District, Chattisgarh Central India. Journal of Hydrology, 2010, 395, 49-66.	5.4	62
5	Origin and serpentinization of ultramafic rocks of Manipur Ophiolite Complex in the Indo-Myanmar subduction zone, Northeast India. Journal of Asian Earth Sciences, 2012, 50, 128-140.	2.3	60
6	GIS-based morpho-tectonic studies of Alaknanda river basin: a precursor for hazard zonation. Natural Hazards, 2014, 71, 1433-1452.	3.4	51
7	Application of drone for landslide mapping, dimension estimation and its 3D reconstruction. Journal of the Indian Society of Remote Sensing, 2018, 46, 903-914.	2.4	47
8	Mercury, arsenic, lead and cadmium in waters of the Singrauli coal mining and power plants industrial zone, Central East India. Environmental Monitoring and Assessment, 2020, 192, 251.	2.7	43
9	Selection of weightages for causative factors used in preparation of landslide susceptibility zonation (LSZ). Geomatics, Natural Hazards and Risk, 2018, 9, 471-487.	4.3	33
10	Anthropogenic arsenic menace in Delhi Yamuna Flood Plains. Environmental Earth Sciences, 2012, 65, 131-139.	2.7	29
11	A new slope mass rating in mountainous terrain, Jammu and Kashmir Himalayas: application of geophysical technique in slope stability studies. Landslides, 2013, 10, 255-265.	5.4	25
12	Tectonic studies and crustal shortening across Easternmost Arunachal Himalaya. Journal of Asian Earth Sciences, 2015, 111, 339-349.	2.3	24
13	Concentration of arsenic by selected vegetables cultivated in the Yamuna flood plains (YFP) of Delhi, India. Environmental Earth Sciences, 2014, 72, 3281-3291.	2.7	23
14	Various water-treatment technologies for inorganic contaminants: current status and future aspects. , 2020, , 273-295.		20
15	Sources of Fluoride Contamination in Singrauli with Special Reference to Rihand Reservoir and its Surrounding. Journal of the Geological Society of India, 2018, 91, 441-448.	1.1	16
16	Predicting suitability of different scale-dependent dispersivities for reactive solute transport through stratified porous media. Journal of Rock Mechanics and Geotechnical Engineering, 2016, 8, 921-927.	8.1	12
17	Present activity and seismogenic potential of Himalayan subâ€parallel thrust faults in Delhi: inferences from remote sensing, GPR, gravity data and seismicity. Near Surface Geophysics, 2012, 10, 369-380.	1.2	11
18	Spatial distribution of uranium and chemo-radiological assessment in Hamirpur district, Himachal Pradesh, India. Journal of Radioanalytical and Nuclear Chemistry, 2020, 324, 467-480.	1.5	11

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19	Data on Arsenic(III) removal using zeolite-reduced graphene oxide composite. Data in Brief, 2019, 22, 871-877.	1.0	9
20	ANALYSIS OF LANDSLIDE REACTIVATION USING SATELLITE DATA: A CASE STUDY OF KOTRUPI LANDSLIDE, MANDI, HIMACHAL PRADESH, INDIA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-3/W11, 137-142.	0.2	9
21	Geo-spatial Technology for Landslide Hazard Zonation and Prediction. , 0, , .		8
22	Liquefaction potential evaluation for subsurface soil layers of Delhi region. Journal of the Geological Society of India, 2016, 88, 147-150.	1.1	8
23	Evaluation of topographic correction methods for LULC preparation based on multi-source DEMs and Landsat-8 imagery. Spatial Information Research, 2020, 28, 113-127.	2.2	8
24	Band Selection Using Combined Divergenceâ€“Correlation Index and Sparse Loadings Representation for Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 5011-5026.	4.9	8
25	Discriminative Spectralâ€“Spatial Feature Extraction-Based Band Selection for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	8
26	Assessment of land use/land cover dynamics of Tso Moriri Lake, a Ramsar site in India. Environmental Monitoring and Assessment, 2016, 188, 700.	2.7	7
27	Understanding the spatial and temporal dependence of the migration of conservative contaminant plume in urban groundwater environment in Panchkula region, Haryana, India. Groundwater for Sustainable Development, 2019, 8, 93-103.	4.6	7
28	Integrated approach for effective debris mapping in glacierized regions of Chandra River Basin, Western Himalayas, India. Science of the Total Environment, 2021, 779, 146492.	8.0	7
29	DATA IMBALANCE IN LANDSLIDE SUSCEPTIBILITY ZONATION: UNDER-SAMPLING FOR CLASS-IMBALANCE LEARNING. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-3/W11, 51-57.	0.2	7
30	Kotrupi landslide deformation study in non-urban area using DInSAR and MTInSAR techniques on Sentinel-1 SAR data. Advances in Space Research, 2022, 70, 3878-3891.	2.6	7
31	Two-Level Band Selection Framework for Hyperspectral Image Classification. Journal of the Indian Society of Remote Sensing, 2021, 49, 843-856.	2.4	6
32	Anthropogenic arsenic menace in contaminated water near thermal power plants and coal mining areas of India. Environmental Geochemistry and Health, 2022, 44, 1099-1127.	3.4	6
33	Deciphering the role of meteorological parameters controlling the sediment load and water discharge in the Sutlej basin, Western Himalaya. Journal of Environmental Management, 2021, 298, 113413.	7.8	6
34	Effect of scale and mapping unit on landslide susceptibility mapping of Mandakini River Basin, Uttarakhand, India. Environmental Earth Sciences, 2022, 81, .	2.7	6
35	Identifying Geotechnical Characteristics for Landslide Hazard Indication: A Case Study in Mandi, Himachal Pradesh, India. Arabian Journal of Geosciences, 2022, 15, 1.	1.3	5
36	Neotectonic activity and the origin of Tso Morari Lake using remote sensing and digital elevation model (DEM) derivative techniques. Geocarto International, 2012, 27, 249-262.	3.5	4

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37	Emerging Techniques and Materials for Water Pollutants Detection. Advanced Functional Materials and Sensors, 2020, , 277-297.	1.2	2
38	Data Imbalance in Landslide Susceptibility Zonation: A Case Study of Mandakini River Basin, Uttarakhand, India. , 2020, , .		2
39	Two-Level Feature Extraction Framework for Hyperspectral Image Classification. , 2018, , .		1
40	Landslide Susceptibility Zonation (LSZ) Using Machine Learning Approach for DEM Derived Continuous Dataset. Communications in Computer and Information Science, 2019, , 505-519.	0.5	1
41	An Ordinal Scale Weighting Approach for Susceptibility Mapping Around Tehri Dam, Uttarakhand, India. ICL Contribution To Landslide Disaster Risk Reduction, 2021, , 163-172.	0.3	1
42	Snow Grain Size Estimation of a Site in the Indian Himalayan Region Using Hyperspectral Remote Sensing : Aviris-NG Data. , 2019, , .		0
43	Policy and regulatory framework for inorganic contaminants. , 2020, , 51-71.		0
44	Active tectonics and origin of Tso Morari Lake observed by Remote sensing and GIS techniques. Himalayan Journal of Sciences, 2008, 5, 47-48.	0.3	0
45	Source Characterization of Aerosols and Trends During 2000â€“2019 Over Delhi (India). , 2020, , .		0