

Dericks P Shukla

List of Publications by Year in descending order

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45
papers

881
citations

687363

13
h-index

501196

28
g-index

46
all docs

46
docs citations

46
times ranked

1015
citing authors

#	ARTICLE	IF	CITATIONS
1	Anthropogenic arsenic menace in contaminated water near thermal power plants and coal mining areas of India. <i>Environmental Geochemistry and Health</i> , 2022, 44, 1099-1127.	3.4	6
2	Discriminative Spectralâ€“Spatial Feature Extraction-Based Band Selection for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-14.	6.3	8
3	Identifying Geotechnical Characteristics for Landslide Hazard Indication: A Case Study in Mandi, Himachal Pradesh, India. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	1.3	5
4	Kotrupi landslide deformation study in non-urban area using DInSAR and MTInSAR techniques on Sentinel-1 SAR data. <i>Advances in Space Research</i> , 2022, 70, 3878-3891.	2.6	7
5	Effect of scale and mapping unit on landslide susceptibility mapping of Mandakini River Basin, Uttarakhand, India. <i>Environmental Earth Sciences</i> , 2022, 81, .	2.7	6
6	Two-Level Band Selection Framework for Hyperspectral Image Classification. <i>Journal of the Indian Society of Remote Sensing</i> , 2021, 49, 843-856.	2.4	6
7	Integrated approach for effective debris mapping in glacierized regions of Chandra River Basin, Western Himalayas, India. <i>Science of the Total Environment</i> , 2021, 779, 146492.	8.0	7
8	Deciphering the role of meteorological parameters controlling the sediment load and water discharge in the Sutlej basin, Western Himalaya. <i>Journal of Environmental Management</i> , 2021, 298, 113413.	7.8	6
9	An Ordinal Scale Weighting Approach for Susceptibility Mapping Around Tehri Dam, Uttarakhand, India. <i>ICL Contribution To Landslide Disaster Risk Reduction</i> , 2021, , 163-172.	0.3	1
10	Evaluation of topographic correction methods for LULC preparation based on multi-source DEMs and Landsat-8 imagery. <i>Spatial Information Research</i> , 2020, 28, 113-127.	2.2	8
11	Band Selection Using Combined Divergenceâ€“Correlation Index and Sparse Loadings Representation for Hyperspectral Image Classification. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020, 13, 5011-5026.	4.9	8
12	Policy and regulatory framework for inorganic contaminants. , 2020, , 51-71.		0
13	Mercury, arsenic, lead and cadmium in waters of the Singrauli coal mining and power plants industrial zone, Central East India. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 251.	2.7	43
14	Various water-treatment technologies for inorganic contaminants: current status and future aspects. , 2020, , 273-295.		20
15	Spatial distribution of uranium and chemo-radiological assessment in Hamirpur district, Himachal Pradesh, India. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 324, 467-480.	1.5	11
16	Emerging Techniques and Materials for Water Pollutants Detection. <i>Advanced Functional Materials and Sensors</i> , 2020, , 277-297.	1.2	2
17	Source Characterization of Aerosols and Trends During 2000â€“2019 Over Delhi (India). , 2020, , .		0
18	Data Imbalance in Landslide Susceptibility Zonation: A Case Study of Mandakini River Basin, Uttarakhand, India. , 2020, , .		2

#	ARTICLE	IF	CITATIONS
19	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
20	Snow Grain Size Estimation of a Site in the Indian Himalayan Region Using Hyperspectral Remote Sensing : Aviris-NG Data. , 2019, , .		0
21	Data on Arsenic(III) removal using zeolite-reduced graphene oxide composite. Data in Brief, 2019, 22, 871-877.	1.0	9
22	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
23	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
24	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
25	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
26	Two-Level Feature Extraction Framework for Hyperspectral Image Classification. , 2018, , .		1
27	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
28	Landslide susceptibility mapping & prediction using Support Vector Machine for Mandakini River Basin, Garhwal Himalaya, India. Geomorphology, 2017, 295, 115-125.	2.6	110
29	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
30	Liquefaction potential evaluation for subsurface soil layers of Delhi region. Journal of the Geological Society of India, 2016, 88, 147-150.	1.1	8
31	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
32	Tectonic studies and crustal shortening across Easternmost Arunachal Himalaya. Journal of Asian Earth Sciences, 2015, 111, 339-349.	2.3	24
33	GIS-based morpho-tectonic studies of Alaknanda river basin: a precursor for hazard zonation. Natural Hazards, 2014, 71, 1433-1452.	3.4	51
34	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
35	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
36	Neotectonic activity and the origin of Tso Moriri 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	Origin and serpentinization of ultramafic rocks of Manipur Ophiolite Complex in the Indo-Myanmar subduction zone, Northeast India. <i>Journal of Asian Earth Sciences</i> , 2012, 50, 128-140.	2.3	60
38	Present activity and seismogenic potential of Himalayan sub-parallel thrust faults in Delhi: inferences from remote sensing, GPR, gravity data and seismicity. <i>Near Surface Geophysics</i> , 2012, 10, 369-380.	1.2	11
39	Anthropogenic arsenic menace in Delhi Yamuna Flood Plains. <i>Environmental Earth Sciences</i> , 2012, 65, 131-139.	2.7	29
40	Sources and controls of Arsenic contamination in groundwater of Rajnandgaon and Kanker District, Chattisgarh Central India. <i>Journal of Hydrology</i> , 2010, 395, 49-66.	5.4	62
41	Gangdese arc detritus within the eastern Himalayan Neogene foreland basin: Implications for the Neogene evolution of the Yalu-Brahmaputra River system. <i>Earth and Planetary Science Letters</i> , 2009, 285, 150-162.	4.4	100
42	Active tectonics and origin of Tso Morari Lake observed by Remote sensing and GIS techniques. <i>Himalayan Journal of Sciences</i> , 2008, 5, 47-48.	0.3	0
43	Geo-spatial Technology for Landslide Hazard Zonation and Prediction. , 0, , .		8
44	ANALYSIS OF LANDSLIDE REACTIVATION USING SATELLITE DATA: A CASE STUDY OF KOTRUPI LANDSLIDE, MANDI, HIMACHAL PRADESH, INDIA. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XLII-3/W11, 137-142.	0.2	9
45	DATA IMBALANCE IN LANDSLIDE SUSCEPTIBILITY ZONATION: UNDER-SAMPLING FOR CLASS-IMBALANCE LEARNING. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XLII-3/W11, 51-57.	0.2	7