

# Somnath Bera

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1776435/publications.pdf>

Version: 2024-02-01

9  
papers

280  
citations

1307594

7  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

270  
citing authors

#	ARTICLE	IF	CITATIONS
1	Frequency ratio model for groundwater potential mapping and its sustainable management in cold desert, India. <i>Journal of King Saud University - Science</i> , 2017, 29, 333-347.	3.5	177
2	Comparison of probabilistic and expert-based models in landslide susceptibility zonation mapping in part of Nilgiri District, Tamil Nadu, India. <i>Spatial Information Research</i> , 2017, 25, 757-768.	2.2	18
3	Indicator-based approach for assigning physical vulnerability of the houses to landslide hazard in the Himalayan region of India. <i>International Journal of Disaster Risk Reduction</i> , 2020, 50, 101891.	3.9	18
4	Landslide inventory and susceptibility models considering the landslide typology using deep learning: Himalayas, India. <i>Natural Hazards</i> , 2021, 108, 1257-1289.	3.4	16
5	Analysis of bi-variate statistical and multi-criteria decision-making models in landslide susceptibility mapping in lower Mandakini Valley, India. <i>Geo Journal</i> , 2020, 85, 681-701.	3.1	15
6	Geographic variation of resilience to landslide hazard: A household-based comparative studies in Kalimpong hilly region, India. <i>International Journal of Disaster Risk Reduction</i> , 2020, 46, 101456.	3.9	14
7	Evaluation of landslide susceptibility models: A comparative study on the part of Western Ghat Region, India. <i>Remote Sensing Applications: Society and Environment</i> , 2019, 13, 39-52.	1.5	12
8	Vulnerability assessment of mountainous households to landslides: A multidimensional study in the rural Himalayas. <i>International Journal of Disaster Risk Reduction</i> , 2022, 71, 102809.	3.9	6
9	Assessment of exposed elements in a changing built environment by using an integrated model of debris flow initiation and runout (Kalimpong region, Himalaya). <i>Bulletin of Engineering Geology and the Environment</i> , 2021, 80, 7131-7152.	3.5	4