

# Iuliana Armas

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48  
papers

873  
citations

16  
h-index

28  
g-index

62  
ext. papers

1,021  
ext. citations

2.7  
avg, IF

4.96  
L-index

#	Paper	IF	Citations
48	Hydro-sedimentary Modeling and Fluvial Morphological Processes Along the Lower Danube River (Giurgiu-Olteniă-Cioba Reach). <i>Earth and Environmental Sciences Library</i> , <b>2022</b> , 69-111		
47	InSAR surface deformation and numeric modeling unravel an active salt diapir in southern Romania. <i>Scientific Reports</i> , <b>2021</b> , 11, 12091	4.9	1
46	Shallow Landslides Physically Based Susceptibility Assessment Improvement Using InSAR. Case Study: Carpathian and Subcarpathian Prahova Valley, Romania. <i>Remote Sensing</i> , <b>2021</b> , 13, 2385	5	1
45	Emotional distress related to hazards and earthquake risk perception. <i>Natural Hazards</i> , <b>2021</b> , 109, 2077	3	
44	Network-risk: an open GIS toolbox for estimating the implications of transportation network damage due to natural hazards, tested for Bucharest, Romania. <i>Natural Hazards and Earth System Sciences</i> , <b>2020</b> , 20, 1421-1439	3.9	4
43	Monitoring subway construction using Sentinel-1 data: a case study in Bucharest, Romania. <i>International Journal of Remote Sensing</i> , <b>2020</b> , 41, 2644-2663	3.1	9
42	Swimming alone? Why linking flood risk perception and behavior requires more than it's the individual, stupid? <i>Wiley Interdisciplinary Reviews: Water</i> , <b>2020</b> , 7, e1462	5.7	18
41	Fluvial terrace formation and controls in the Lower River Danube, SE Romania. <i>Quaternary International</i> , <b>2019</b> , 504, 5-23	2	5
40	Modeling Hydrodynamic Changes Induced by Run-of-River Hydropower Plants along the Prahova River in Romania. <i>Journal of Energy Engineering - ASCE</i> , <b>2018</b> , 144, 04017078	1.7	3
39	Insights into the possible seismic damage of residential buildings in Bucharest, Romania, at neighborhood resolution. <i>Bulletin of Earthquake Engineering</i> , <b>2017</b> , 15, 1161-1184	3.7	6
38	Self-efficacy, stress, and locus of control: The psychology of earthquake risk perception in Bucharest, Romania. <i>International Journal of Disaster Risk Reduction</i> , <b>2017</b> , 22, 71-76	4.5	16
37	Long-term ground deformation patterns of Bucharest using multi-temporal InSAR and multivariate dynamic analyses: a possible transpressional system?. <i>Scientific Reports</i> , <b>2017</b> , 7, 43762	4.9	17
36	One Dimensional Sediment Transport Model to Assess Channel Changes along Olteniă-Cioba Reach of Danube River, Romania. <i>Energy Procedia</i> , <b>2017</b> , 112, 67-74	2.3	7
35	Vulnerability to Earthquake Hazard: Bucharest Case Study, Romania. <i>International Journal of Disaster Risk Science</i> , <b>2017</b> , 8, 182-195	4.6	32
34	Floods and Flash-Floods Related to River Channel Dynamics. <i>Springer Geography</i> , <b>2017</b> , 821-844	0.4	11
33	GIS for Dam-Break Flooding. Study Area: Bicaz-Izvorul Muntelui (Romania) <b>2016</b> , 253-280		1
32	Identifying seismic vulnerability hotspots in Bucharest. <i>Applied Geography</i> , <b>2016</b> , 77, 49-63	4.4	10

31	InSAR validation based on GNSS measurements in Bucharest. <i>International Journal of Remote Sensing</i> , <b>2016</b> , 37, 5565-5580	3.1	9
30	Census-based Social Vulnerability Assessment for Bucharest. <i>Procedia Environmental Sciences</i> , <b>2016</b> , 32, 138-146		25
29	Conceptual Framework for the Seismic Risk Evaluation of Transportation Networks in Romania. <i>Springer Natural Hazards</i> , <b>2016</b> , 481-496	0.7	
28	Shape characteristics of fluvial islets based on GIS techniques. A case study: the Danube islets between Giurgiu and Olteni. <i>Forum Geografic</i> , <b>2016</b> , XV, 133-139	1	2
27	Lost Landscapes: In Search of Cartographic Evidence <b>2016</b> , 35-62		1
26	Comparison of Multi-Temporal Differential Interferometry Techniques Applied to the Measurement of Bucharest City Subsidence. <i>Procedia Environmental Sciences</i> , <b>2016</b> , 32, 221-229		14
25	Earthquake impact on settlements: the role of urban and structural morphology. <i>Natural Hazards and Earth System Sciences</i> , <b>2015</b> , 15, 2283-2297	3.9	4
24	Critical Data Source; Tool or Even Infrastructure? Challenges of Geographic Information Systems and Remote Sensing for Disaster Risk Governance. <i>ISPRS International Journal of Geo-Information</i> , <b>2015</b> , 4, 1848-1869	2.9	25
23	Flood risk perception along the Lower Danube river, Romania. <i>Natural Hazards</i> , <b>2015</b> , 79, 1913-1931	3	28
22	GIS BASED DECISION SUPPORT SYSTEM FOR SEISMIC RISK IN BUCHAREST. CASE STUDY OF THE HISTORICAL CENTRE. <i>Journal of Engineering Studies and Research</i> , <b>2015</b> , 21, 35-42	1	2
21	Landslide susceptibility deterministic approach using geographic information systems: application to Breaza town, Romania. <i>Natural Hazards</i> , <b>2014</b> , 70, 995-1017	3	12
20	Diagnosis of landslide risk for individual buildings: insights from Prahova Subcarpathians, Romania. <i>Environmental Earth Sciences</i> , <b>2014</b> , 71, 4637-4646	2.9	8
19	Earthquake Hazard Impact and Urban Planning <b>2014</b> ,		2
18	Earthquake Hazard Impact and Urban Planning An Introduction <b>2014</b> , 1-12		4
17	Spatial Multi-Criteria Risk Assessment of Earthquakes from Bucharest, Romania <b>2014</b> , 127-149		6
16	Forest Landscape History Using Diachronic Cartography and GIS. Case Study: Subcarpathian Prahova Valley, Romania. <i>Springer Geography</i> , <b>2014</b> , 73-86	0.4	4
15	Earthquake Hazard Impact and Urban Planning Conclusion and Recommendations for Further Work <b>2014</b> , 293-305		
14	Morpho-dynamic evolution patterns of Subcarpathian Prahova River (Romania). <i>Catena</i> , <b>2013</b> , 100, 83-99;8		24

13	Social vulnerability assessment using spatial multi-criteria analysis (SEVI model) and the Social Vulnerability Index (SoVI model) as a case study for Bucharest, Romania. <i>Natural Hazards and Earth System Sciences</i> , <b>2013</b> , 13, 1481-1499	3.9	87
12	Statistic Versus Deterministic Method for Landslide Susceptibility Mapping <b>2013</b> , 383-388		1
11	Cognitive and emotional aspects in evaluating the flood risk. <i>Procedia, Social and Behavioral Sciences</i> , <b>2012</b> , 33, 939-943		4
10	Weights of evidence method for landslide susceptibility mapping. Prahova Subcarpathians, Romania. <i>Natural Hazards</i> , <b>2012</b> , 60, 937-950	3	62
9	Multi-criteria vulnerability analysis to earthquake hazard of Bucharest, Romania. <i>Natural Hazards</i> , <b>2012</b> , 63, 1129-1156	3	63
8	An analytic multicriteria hierarchical approach to assess landslide vulnerability. Case study: Cornu village, Subcarpathian Prahova Valley/Romania. <i>Zeitschrift für Geomorphologie</i> , <b>2011</b> , 55, 209-229	1.9	23
7	Inundation Maps for Extreme Flood Events at the Mouth of the Danube River. <i>International Journal of Geosciences</i> , <b>2011</b> , 02, 68-74	0.4	6
6	Perception of flood risk in Danube Delta, Romania. <i>Natural Hazards</i> , <b>2009</b> , 50, 269-287	3	76
5	Patterns and trends in the perception of seismic risk. Case study: Bucharest Municipality/Romania. <i>Natural Hazards</i> , <b>2008</b> , 44, 147-161	3	31
4	Social vulnerability and seismic risk perception. Case study: the historic center of the Bucharest Municipality/Romania. <i>Natural Hazards</i> , <b>2008</b> , 47, 397-410	3	68
3	Earthquake risk perception in Bucharest, Romania. <i>Risk Analysis</i> , <b>2006</b> , 26, 1223-34	3.9	127
2	The health state of the Romanian population during the transition period. <i>Geo Journal</i> , <b>1998</b> , 44, 151-160.2		6
1	The impact of hazards on the urban tissue B-D representation and digital databases. <i>Advances in Geosciences</i> , <b>35</b> , 45-53		3