Iuliana Armas

List of Publications by Citations

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	Earthquake risk perception in Bucharest, Romania. *Risk Analysis*, **2006**, 26, 1223-34	3.9	127
47	Social vulnerability assessment using spatial multi-criteria analysis (SEVI model) and the Social Vulnerability Index (SoVI model) – a case study for Bucharest, Romania. *Natural Hazards and Earth System Sciences*, **2013**, 13, 1481-1499	3.9	87
46	Perception of flood risk in Danube Delta, Romania. *Natural Hazards*, **2009**, 50, 269-287	3	76
45	Social vulnerability and seismic risk perception. Case study: the historic center of the Bucharest Municipality/Romania. *Natural Hazards*, **2008**, 47, 397-410	3	68
44	Multi-criteria vulnerability analysis to earthquake hazard of Bucharest, Romania. *Natural Hazards*, **2012**, 63, 1129-1156	3	63
43	Weights of evidence method for landslide susceptibility mapping. Prahova Subcarpathians, Romania. *Natural Hazards*, **2012**, 60, 937-950	3	62
42	Vulnerability to Earthquake Hazard: Bucharest Case Study, Romania. *International Journal of Disaster Risk Science*, **2017**, 8, 182-195	4.6	32
41	Patterns and trends in the perception of seismic risk. Case study: Bucharest Municipality/Romania. *Natural Hazards*, **2008**, 44, 147-161	3	31
40	Flood risk perception along the Lower Danube river, Romania. *Natural Hazards*, **2015**, 79, 1913-1931	3	28
39	Census-based Social Vulnerability Assessment for Bucharest. *Procedia Environmental Sciences*, **2016**, 32, 138-146		25
38	Critical Data Source; Tool or Even Infrastructure? Challenges of Geographic Information Systems and Remote Sensing for Disaster Risk Governance. *ISPRS International Journal of Geo-Information*, **2015**, 4, 1848-1869	2.9	25
37	Morpho-dynamic evolution patterns of Subcarpathian Prahova River (Romania). *Catena*, **2013**, 100, 83-99	5.8	24
36	An analytic multicriteria hierarchical approach to assess landslide vulnerability. Case study: Cornu village, Subcarpathian Prahova Valley/Romania. *Zeitschrift Für Geomorphologie*, **2011**, 55, 209-229	1.9	23
35	Swimming alone? Why linking flood risk perception and behavior requires more than it's the individual, stupid. *Wiley Interdisciplinary Reviews: Water*, **2020**, 7, e1462	5.7	18
34	Long-term ground deformation patterns of Bucharest using multi-temporal InSAR and multivariate dynamic analyses: a possible transpressional system?. *Scientific Reports*, **2017**, 7, 43762	4.9	17
33	Self-efficacy, stress, and locus of control: The psychology of earthquake risk perception in Bucharest, Romania. *International Journal of Disaster Risk Reduction*, **2017**, 22, 71-76	4.5	16
32	Comparison of Multi-Temporal Differential Interferometry Techniques Applied to the Measurement of Bucharest City Subsidence. *Procedia Environmental Sciences*, **2016**, 32, 221-229		14

31	Landslide susceptibility deterministic approach using geographic information systems: application to Breaza town, Romania. *Natural Hazards*, **2014**, 70, 995-1017	3	12
30	Floods and Flash-Floods Related to River Channel Dynamics. *Springer Geography*, **2017**, 821-844	0.4	11
29	Identifying seismic vulnerability hotspots in Bucharest. *Applied Geography*, **2016**, 77, 49-63	4.4	10
28	InSAR validation based on GNSS measurements in Bucharest. *International Journal of Remote Sensing*, **2016**, 37, 5565-5580	3.1	9
27	Monitoring subway construction using Sentinel-1 data: a case study in Bucharest, Romania. *International Journal of Remote Sensing*, **2020**, 41, 2644-2663	3.1	9
26	Diagnosis of landslide risk for individual buildings: insights from Prahova Subcarpathians, Romania. *Environmental Earth Sciences*, **2014**, 71, 4637-4646	2.9	8
25	One Dimensional Sediment Transport Model to Assess Channel Changes along Olteni□-Cl□ Reach of Danube River, Romania. *Energy Procedia*, **2017**, 112, 67-74	2.3	7
24	Insights into the possible seismic damage of residential buildings in Bucharest, Romania, at neighborhood resolution. *Bulletin of Earthquake Engineering*, **2017**, 15, 1161-1184	3.7	6
23	The health state of the Romanian population during the transition period. *Geo Journal*, **1998**, 44, 151-160	2.2	6
22	Inundation Maps for Extreme Flood Events at the Mouth of the Danube River. *International Journal of Geosciences*, **2011**, 02, 68-74	0.4	6
21	Spatial Multi-Criteria Risk Assessment of Earthquakes from Bucharest, Romania **2014**, 127-149		6
20	Fluvial terrace formation and controls in the Lower River Danube, SE Romania. *Quaternary International*, **2019**, 504, 5-23	2	5
19	Cognitive and emotional aspects in evaluating the flood risk. *Procedia, Social and Behavioral Sciences*, **2012**, 33, 939-943		4
18	Earthquake impact on settlements: the role of urban and structural morphology. *Natural Hazards and Earth System Sciences*, **2015**, 15, 2283-2297	3.9	4
17	Network-risk: an open GIS toolbox for estimating the implications of transportation network damage due to natural hazards, tested for Bucharest, Romania. *Natural Hazards and Earth System Sciences*, **2020**, 20, 1421-1439	3.9	4
16	Earthquake Hazard Impact and Urban Planning□An Introduction **2014**, 1-12		4
15	Forest Landscape History Using Diachronic Cartography and GIS. Case Study: Subcarpathian Prahova Valley, Romania. *Springer Geography*, **2014**, 73-86	0.4	4
14	Modeling Hydrodynamic Changes Induced by Run-of-River Hydropower Plants along the Prahova River in Romania. *Journal of Energy Engineering - ASCE*, **2018**, 144, 04017078	1.7	3

13	The impact of hazards on the urban tissue □3-D representation and digital databases. *Advances in Geosciences*,35, 45-53		3
12	Shape characteristics of fluvial islets based on GIS techniques. A case study: the Danube□ islets between Giurgiu and Olteni□. *Forum Geografic*, **2016**, XV, 133-139	1	2
11	Earthquake Hazard Impact and Urban Planning **2014**,		2
10	GIS BASED DECISION SUPPORT SYSTEM FOR SEISMIC RISK IN BUCHAREST. CASE STUDY □THE HISTORICAL CENTRE. *Journal of Engineering Studies and Research*, **2015**, 21, 35-42	1	2
9	GIS for Dam-Break Flooding. Study Area: Bicaz-Izvorul Muntelui (Romania) **2016**, 253-280		1
8	Lost Landscapes: In Search of Cartographic Evidence **2016**, 35-62		1
7	Statistic Versus Deterministic Method for Landslide Susceptibility Mapping **2013**, 383-388		1
6	InSAR surface deformation and numeric modeling unravel an active salt diapir in southern Romania. *Scientific Reports*, **2021**, 11, 12091	4.9	1
5	Shallow Landslides Physically Based Susceptibility Assessment Improvement Using InSAR. Case Study: Carpathian and Subcarpathian Prahova Valley, Romania. *Remote Sensing*, **2021**, 13, 2385	5	1
4	Conceptual Framework for the Seismic Risk Evaluation of Transportation Networks in Romania. *Springer Natural Hazards*, **2016**, 481-496	0.7	
3	Earthquake Hazard Impact and Urban Planning□Conclusion and Recommendations for Further Work **2014**, 293-305		
2	Emotional distress related to hazards and earthquake risk perception. *Natural Hazards*, **2021**, 109, 2077	3	
1	Hydro-sedimentary Modeling and Fluvial Morphological Processes Along the Lower Danube River (Giurgiu-Olteni□-C□□a□Reach). *Earth and Environmental Sciences Library*, **2022**, 69-111		