Monica Dumitrascu

List of Publications by Year
in descending order

50 papers	**789** citations	567144 **15** h-index	526166 **27** g-index
50 all docs	**50** docs citations	**50** times ranked	**596** citing authors

#	Article	IF	Citations
1	Arable lands under the pressure of multiple land degradation processes. A global perspective. Environmental Research, 2021, 194, 110697.	3.7	165
2	Future land use/cover changes in Romania: regional simulations based on CLUE-S model and CORINE land cover database. Landscape and Ecological Engineering, 2019, 15, 75-90.	0.7	70
3	Spatial assessment of land degradation sensitive areas in southwestern Romania using modified MEDALUS method. Catena, 2017, 153, 114-130.	2.2	51
4	The assessment of socio-economic vulnerability to drought in Southern Romania (Oltenia Plain). International Journal of Disaster Risk Reduction, 2018, 27, 142-154.	1.8	47
5	NDVI-based ecological dynamics of forest vegetation and its relationship to climate change in Romania during 1987–2018. Ecological Indicators, 2022, 136, 108629.	2.6	41
6	Post-communist land use changes related to urban sprawl in the Romanian metropolitan areas. Human Geographies, 2012, 6, 35-46.	0.3	32
7	Modelling land use/cover change to assess future urban sprawl in Romania. Geocarto International, 2021, 36, 721-739.	1.7	32
8	The impact of climate change on agricultural productivity in Romania. A country-scale assessment based on the relationship between climatic water balance and maize yields in recent decades. Agricultural Systems, 2020, 179, 102767.	3.2	30
9	Water deficit and corn productivity during the post-socialist period. Case study: Southern Oltenia drylands, Romania. Arid Land Research and Management, 2016, 30, 239-257.	0.6	28
10	Social Development and Regional Disparities in the Rural Areas of Romania: Focus on the Social Disadvantaged Areas. Social Indicators Research, 2020, 152, 67-89.	1.4	27
11	Socio-Economic Disparities in the Development of the Romania's Border Areas. Social Indicators Research, 2017, 134, 899-916.	1.4	26
12	Assessing the Potential Future Forest-Cover Change in Romania, Predicted Using a Scenario-Based Modelling. Environmental Modeling and Assessment, 2020, 25, 471-491.	1.2	21
13	Socio-economic and environmental vulnerability to heat-related phenomena in Bucharest metropolitan area. Environmental Research, 2021, 192, 110268.	3.7	18
14	Recent spatio-temporal changes of land sensitivity to degradation in Romania due to climate change and human activities: An approach based on multiple environmental quality indicators. Ecological Indicators, 2020, 118, 106755.	2.6	17
15	Impacts of Photovoltaic Farms on the Environment in the Romanian Plain. Energies, 2019, 12, 2533.	1.6	16
16	PAST AND FUTURE LAND USE/COVER FLOWS RELATED TO AGRICULTURAL LANDS IN ROMANIA. AN ASSESSMENT USING CLUE-S MODEL AND CORINE LAND COVER DATABASE. Carpathian Journal of Earth and Environmental Sciences, 2018, 13, 613-628.	0.2	15
17	Estimation of Future Changes in Aboveground Forest Carbon Stock in Romania. A Prediction Based on Forest-Cover Pattern Scenario. Forests, 2020, 11, 914.	0.9	13
18	Using renewable (solar) energy as a sustainable management pathway of lands highly sensitive to degradation in Romania. A countrywide analysis based on exploring the geographical and technical solar potentials. Renewable Energy, 2022, 193, 976-990.	4.3	12

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19	The Climatic Water Deficit in South Oltenia Using the Thornthwaite Method. Forum Geografic, 2011, X, 140-148.	0.3	11
20	Site suitability for photovoltaic farms and current investment in Romania. Renewable Energy, 2022, 187, 320-330.	4.3	9
21	On the Biogeographical Significance of Protected Forest Areas in Southern Romania. Sustainability, 2018, 10, 2282.	1.6	8
22	Developing an Indicator-Based Framework to Measure Sustainable Tourism in Romania. A Territorial Approach. Sustainability, 2021, 13, 2649.	1.6	8
23	Urban Development and the (Re)use of the Communist-Built Industrial and Agricultural Sites after 1990. The Showcase of Bucharestâ€"Ilfov Development Region. Land, 2021, 10, 1044.	1.2	8
24	Population Vulnerability to the SARSâ€CoVâ€2 Virus Infection. A Countyâ€Level Geographicalâ€Methodological Approach in Romania. GeoHealth, 2021, 5, e2021GH000461.	1.9	8
25	Human Health Vulnerability to Summer Heat Extremes in Romanian-Bulgarian Cross-Border Area. Natural Hazards Review, 2021, 22, .	0.8	7
26	Key pluvial parameters in assessing rainfall erosivity in the south-west development region, Romania. Journal of Earth System Science, 2017, 126, 1.	0.6	6
27	Environmental Changes in the MaramureÅŸ Mountains Natural Park. , 2016, , 335-348.		6
28	Invasive terrestrial plant species in the Romanian protected areas. A review of the geographical aspects. Folia Oecologica, 2020, 47, 168-177.	0.4	6
29	Territorial development in Romania. , 2020, , 206-228.		6
30	Assessing the potential distribution of invasive alien species Amorpha fruticosa (Mill.) in the MureÅŸ Floodplain Natural Park (Romania) using GIS and logistic regression. Nature Conservation, 0, 30, 41-67.	0.0	6
31	The Drinking Water Infrastructure in the Oltenia Plain over the Last Decade. Territorial Characteristics and Quantitative Aspects of Production and Consumption. Forum Geografic, 2011, X, 364-371.	0.3	5
32	Invasive terrestrial plant species in the Romanian protected areas. Case study: Fallopia japonica in the MaramureÅŸ Mountains Natural Park. Forum Geografic, 2012, XI, 45-53.	0.3	5
33	Out-migration and social and technological marginalization in Romania. Regional disparities. Technological Forecasting and Social Change, 2021, 175, 121370.	6.2	5
34	Predicting the Potential Distribution of Ailanthus altissima, an Invasive Terrestrial Plant Species in MÄƒcin Mountains National Park (Romania). , 2016, , 159-172.		4
35	Driving factors of urban sprawl in the Romanian plain. Regional and temporal modelling using logistic regression. Geocarto International, 2022, 37, 7220-7246.	1.7	3
36	DRYNESS AND DROUGHT PHENOMENA IN THE DANUBE FLOODPLAIN: THE CALAFAT-VIDIN - TURNU MAGURELE-NIKOPOLE SECTOR. A LOCAL COMMUNITY-BASED PARTICIPATORY APPROACH. , 2013, , .		3

#	ARTICLE	IF	CITATIONS
37	Assessing long-term changes in forest cover in the South West Development Region. Romania. Forum Geografic, 2014, XIII, 77-86.	0.3	3
38	Competitiveness and cohesion in Romania's regional development: a territorial approach. Geodetski Vestnik, 2021, 65, 440-458.	0.2	3
39	The Estimation of Regional Energy Consumption Based on the Energy Consumption Rate at National Level. Case Study: The Romanian Danube Valley. Energies, 2020, 13, 4219.	1.6	2
40	REGIONAL DIFFERENCES IN THE SPATIAL DISTRIBUTION AND ENVIRONMENTAL CONSEQUENCES OF PV FARMS IN SOUTHERN ROMANIA. Ukrainian Geographical Journal, 2019, , 60-69.	0.2	2
41	Renewable energy, climate change and environmental challenges in Romania. , 2019, , .		1
42	Territorial competitiveness, cohesion and sustainability in Romaniaâ€™s urban border areas. Geografisk Tidsskrift, 2021, 121, 46-71.	0.4	1
43	ASSESSING INVASIVE TERRESTRIAL PLAN SPECIES AMORPHA FRUTICOSA IN THREE WETLAND AREAS IN ROMANIA: DANUBE DELTA BIOSPHERE RESERVE, COMANA NATURAL PARK AND MURES FLOODPLAIN NATURAL PARK. , 2013, , .		1
44	INCIDENCE OF INVASIVE NATIVE AND NON-NATIVE SPECIES IN PERMANENT GRASSLANDS FROM WESTERN ROMANIAN CARPATHIANS. , 2017, , .		1
45	Human Pressure on the Environment in the â€œMunÅ£ii MaramureÅŸuluiâ€•Natural Park. , 2011, , 255-269.		0
46	KEY CLIMATIC CONDITIONS IN ASSESSING BIOLOGICAL DIVERSITY IN A NATURA 2000 SITE: ROSPA0075 MAGURA ODOBE?TI. ROMANIA. , 2011, , .		0
47	ECOLOGICAL POTENTIAL AND ENVIRONMENTAL PROTECTION IN THE PRUT BASIN. , 2013, , .		0
48	CLIMATIC CONDITIONS AND BIOLOGICAL DIVERSITY IN A NATURA 2000 SITE: ROSCI0260 CEPELOR VALLEY. ROMANIA. , 2014, , .		0
49	ENVIRONMENTAL PROTECTION THROUGH AUTOMATED MONITORING OF STEAM TEMPERATURE IN THE WORK INSTALLATIONS OF COMPOUND FEED FACTORIES. , 2017, , .		0
50	Alpine marmot populations after four decades of living in the glacial areas of the FÄƒgÄƒraÅŸ, Rodna and Retezat Mountains, Romania. Journal of Environmental Biology, 2017, 38, 703-711.	0.2	0