Martin Gera

List of Publications by Year
in descending order

22 papers	508 citations	840776 11 h-index	677142 22 g-index
24 all docs	24 docs citations	24 times ranked	498 citing authors

#	Article	IF	Citations
1	Dispersion of Fukushima radionuclides in the global atmosphere and the ocean. Applied Radiation and Isotopes, 2013, 81, 383-392.	1.5	90
2	Radionuclides from the Fukushima accident in the air over Lithuania: measurement and modelling approaches. Journal of Environmental Radioactivity, 2012, 114, 71-80.	1.7	63
3	A Fuzzy Model of Risk Assessment for Environmental Start-Up Projects in the Air Transport Sector. International Journal of Environmental Research and Public Health, 2019, 16, 3573.	2.6	49
4	Aerosol radioactivity record in Bratislava/Slovakia following the Fukushima accident â€" A comparison with global fallout and the Chernobyl accident. Journal of Environmental Radioactivity, 2012, 114, 81-88.	1.7	42
5	Fog Prediction for Road Traffic Safety in a Coastal Desert Region. Boundary-Layer Meteorology, 2012, 145, 485-506.	2.3	41
6	Fuzzy Model for Quantitative Assessment of Environmental Start-up Projects in Air Transport. International Journal of Environmental Research and Public Health, 2019, 16, 3585.	2.6	41
7	Fog Prediction for Road Traffic Safety in a Coastal Desert Region: Improvement of Nowcasting Skills by the Machine-Learning Approach. Boundary-Layer Meteorology, 2015, 157, 501-516.	2.3	37
8	Monitoring of Low-Level Wind Shear by Ground-based 3D Lidar for Increased Flight Safety, Protection of Human Lives and Health. International Journal of Environmental Research and Public Health, 2019, 16, 4584.	2.6	26
9	Fukushima-derived radionuclides in ground-level air of Central Europe: a comparison with simulated forward and backward trajectories. Journal of Radioanalytical and Nuclear Chemistry, 2013, 295, 1171-1176.	1.5	18
10	Possible impacts of climate change on hydrologic cycle in Slovakia and results of observations in 1951â€"2007. Biologia (Poland), 2009, 64, 454-459.	1.5	17
11	Educational Model for Evaluation of Airport NIS Security for Safe and Sustainable Air Transport. Sustainability, 2020, 12, 6352.	3.2	16
12	Assessing the Contribution of Data Mining Methods to Avoid Aircraft Run-Off from the Runway to Increase the Safety and Reduce the Negative Environmental Impacts. International Journal of Environmental Research and Public Health, 2020, 17, 796.	2.6	11
13	Assessment of TAF, METAR, and SPECI Reports Based on ICAO ANNEX 3 Regulation. Atmosphere, 2021, 12, 138.	2.3	10
14	Assessment of hydro-meteorological drought in the Danube Plain, Bulgaria. Hrvatski Geografski Glasnik, 2018, 80, 7-25.	0.3	8
15	Model of Evaluation and Selection of Expert Group Members for Smart Cities, Green Transportation and Mobility: From Safe Times to Pandemic Times. Mathematics, 2021, 9, 1287.	2.2	8
16	Uncertainty analysis for estimation of landfill emissions and data sensitivity for the input variation. Climatic Change, 2010, 103, 37-54.	3.6	7
17	Changes in the daily range of the air temperature in the mountainous part of Slovakia within the possible context of global warming. Meteorologische Zeitschrift, 2016, 25, 17-35.	1.0	6
18	Application of ADMIRE Data Mining and Integration Technologies in Environmental Scenarios. Lecture Notes in Computer Science, 2010, , 165-173.	1.3	5

#	Article	IF	Citations
19	Debris flows in Kresna Gorge (Bulgaria)-geomorphological characteristics and weather conditions. Journal of the Geographical Institute Jovan Cvijic SASA, 2021, 71, 15-27.	1.0	4
20	Improved Radar Composites and Enhanced Value of Meteorological Radar Data Using Different Quality Indices. Sustainability, 2021, 13, 5285.	3.2	3
21	Radionuclides from the Fukushima accident in Europe - Modelling the air mass transport. , 2011, , .		1
22	Extreme Air Temperatures at the Southwestern Slope of Pirin Mountain (Bulgaria) and Related Synoptic Conditions. Comptes Rendus De L'Academie Bulgare Des Sciences, 2022, 75, 71-79.	0.2	0