

# Giuseppe Passarella

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

689  
citations

516215

16  
h-index

580395

25  
g-index

46  
all docs

46  
docs citations

46  
times ranked

811  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrating conflict analysis and consensus reaching in a decision support system for water resource management. <i>Journal of Environmental Management</i> , 2007, 84, 213-228.	3.8	76
2	A methodology for treating missing data applied to daily rainfall data in the Candelaro River Basin (Italy). <i>Environmental Monitoring and Assessment</i> , 2010, 160, 1-22.	1.3	70
3	Optimal extension of the rain gauge monitoring network of the Apulian Regional Consortium for Crop Protection. <i>Environmental Monitoring and Assessment</i> , 2008, 145, 375-386.	1.3	54
4	Fuzzy cognitive maps for issue identification in a water resources conflict resolution system. <i>Physics and Chemistry of the Earth</i> , 2005, 30, 463-469.	1.2	49
5	Spatial and temporal study of nitrate concentration in groundwater by means of coregionalization. <i>Environmental Geology</i> , 1998, 36, 285-295.	1.2	41
6	Spatial evaluation of the risk of groundwater quality degradation. A comparison between disjunctive kriging and geostatistical simulation. <i>Environmental Monitoring and Assessment</i> , 2008, 137, 261-273.	1.3	41
7	A probabilistic methodology to assess the risk of groundwater quality degradation. <i>Environmental Monitoring and Assessment</i> , 2002, 79, 57-74.	1.3	33
8	Basin characteristics and nutrient losses: the EUROHARP catchment network perspective. <i>Journal of Environmental Monitoring</i> , 2009, 11, 515.	2.1	27
9	An automated decision support system for aided assessment of variogram models. <i>Environmental Modelling and Software</i> , 2017, 87, 72-83.	1.9	24
10	Ground-Water Quality and Flow in a Shallow Glaciofluvial Aquifer Impacted by Agricultural Contamination. <i>Ground Water</i> , 1996, 34, 491-500.	0.7	21
11	Linear and evolutionary polynomial regression models to forecast coastal dynamics: Comparison and reliability assessment. <i>Geomorphology</i> , 2018, 300, 128-140.	1.1	21
12	Cokriging optimization of monitoring network configuration based on fuzzy and non-fuzzy variogram evaluation. <i>Environmental Monitoring and Assessment</i> , 2003, 82, 1-21.	1.3	19
13	MSANOS: Data-Driven, Multi-Approach Software for Optimal Redesign of Environmental Monitoring Networks. <i>Water Resources Management</i> , 2015, 29, 619-644.	1.9	18
14	Spatial and temporal classification of coastal regions using bioclimatic indices in a Mediterranean environment. <i>Science of the Total Environment</i> , 2020, 700, 134415.	3.9	18
15	Mass-transfer impact on solute mobility in porous media: A new mobile-immobile model. <i>Journal of Contaminant Hydrology</i> , 2018, 215, 21-28.	1.6	17
16	A methodology for rapid assessment of the environmental status of the shallow aquifer of Tavoliere di Puglia (Southern Italy). <i>Environmental Monitoring and Assessment</i> , 2011, 177, 245-261.	1.3	16
17	Integration of electromagnetic induction sensor data in soil sampling scheme optimization using simulated annealing. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 422.	1.3	15
18	Assessing Natural Background Levels in the Groundwater Bodies of the Apulia Region (Southern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	1.2	15

#	ARTICLE	IF	CITATIONS
19	Cross-Calibration of Two Independent Groundwater Balance Models and Evaluation of Unknown Terms: The Case of the Shallow Aquifer of "Tavoliere di Puglia" (South Italy). <i>Water Resources Management</i> , 2017, 31, 327-340.	1.9	13
20	Risk Assessment of Aquifer Salinization in a Large-Scale Coastal Irrigation Scheme, Italy. <i>Clean - Soil, Air, Water</i> , 2016, 44, 371-382.	0.7	12
21	Hydrogeological Models of Water Flow and Pollutant Transport in Karstic and Fractured Reservoirs. <i>Water Resources Research</i> , 2021, 57, e2021WR029969.	1.7	12
22	A Methodology for Space-Time Classification of Groundwater Quality. <i>Environmental Monitoring and Assessment</i> , 2006, 115, 95-117.	1.3	9
23	Predicting Shallow Water Table Depth at Regional Scale: Optimizing Monitoring Network in Space and Time. <i>Water Resources Management</i> , 2013, 27, 5171.	1.9	9
24	Numerical simulations for the evaluation of the free surface history in porous media. Comparison between two different approaches. <i>Advances in Engineering Software</i> , 1994, 21, 149-157.	1.8	8
25	GTest: a software tool for graphical assessment of empirical distributions' Gaussianity. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 138.	1.3	8
26	An Integrated Approach for Investigating the Salinity Evolution in a Mediterranean Coastal Karst Aquifer. <i>Water (Switzerland)</i> , 2022, 14, 1725.	1.2	7
27	Simulation of peak-demand hydrographs in pressurized irrigation delivery systems using a deterministic-stochastic combined model. Part I: model development. <i>Irrigation Science</i> , 2013, 31, 209-224.	1.3	5
28	Video-Sensing Characterization for Hydrodynamic Features: Particle Tracking-Based Algorithm Supported by a Machine Learning Approach. <i>Sensors</i> , 2021, 21, 4197.	2.1	4
29	Imputing censored data with desirable spatial covariance function properties using simulated annealing. <i>Journal of Geographical Systems</i> , 2012, 14, 265-282.	1.9	3
30	Similarity indices of meteo-climatic gauging stations: definition and comparison. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 403.	1.3	3
31	Optimal redesign of environmental monitoring networks by using software MSANOS. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	3
32	Managing the touristic pressure: performances prediction of an advanced biological system by means of regression trees. <i>Biochemical Engineering Journal</i> , 2016, 111, 43-53.	1.8	3
33	Mo.nalis.a: a methodological approach to identify how to meet thermal industrial needs using already available geothermal resources. <i>Energy Efficiency</i> , 2017, 10, 639-655.	1.3	3
34	Automatic processing of bioclimatic data in the space and time domains. <i>Journal of Physics: Conference Series</i> , 2018, 1065, 192005.	0.3	3
35	Retrospective analysis: A validation procedure for the redesign of an environmental monitoring network. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018, 113, 211-219.	2.5	2
36	Detection of river flow slow-down through sensing system and quasi-real time imaging. <i>Flow Measurement and Instrumentation</i> , 2021, 81, 102042.	1.0	2

#	ARTICLE	IF	CITATIONS
37	Monitoring Information Systems to Support Adaptive Water Management. , 0, , .		1
38	An Affordable Streamflow Measurement Technique Based on Delay and Sum Beamforming. Sensors, 2022, 22, 2843.	2.1	1
39	Metrological Aspects in Approximate Computing: Fourier Transform in Polluted Water Spectroscopy. , 2018, , .		0
40	Assessment of Groundwater Balance Terms Based on the Cross-Calibration of Two Different Independent Approaches. , 2016, , 159-186.		0
41	Conflict Analysis Using Fuzzy Decision Support System. Advances in Environmental Engineering and Green Technologies Book Series, 0, , 377-405.	0.3	0