

# Petros Gaganis

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

416  
citations

840585

11  
h-index

794469

19  
g-index

21  
all docs

21  
docs citations

21  
times ranked

458  
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon Isotope Fractionation during Diffusion and Biodegradation of Petroleum Hydrocarbons in the Unsaturated Zone: Field Experiment at VÅrlÅse Airbase, Denmark, and Modeling. <i>Environmental Science &amp; Technology</i> , 2008, 42, 596-601.	4.6	67
2	A Bayesian Approach to the quantification of the effect of model error on the predictions of groundwater models. <i>Water Resources Research</i> , 2001, 37, 2309-2322.	1.7	55
3	Citizensâ€™ Perceptions on Water Conservation Policies and the Role of Social Capital. <i>Water Resources Management</i> , 2011, 25, 509-522.	1.9	47
4	On the evaluation of dispersion coefficients from visualization experiments in artificial porous media. <i>Journal of Hydrology</i> , 2005, 307, 79-91.	2.3	36
5	Deconstructing vulnerability and adaptation in a coastal river basin ecosystem: a participatory analysis of flood risk in Nadi, Fiji Islands. <i>Climate and Development</i> , 2016, 8, 256-269.	2.2	36
6	Modeling attenuation of volatile organic mixtures in the unsaturated zone: codes and usage. <i>Environmental Modelling and Software</i> , 2003, 18, 329-337.	1.9	31
7	Assessing the efficiency of a coastal Managed Aquifer Recharge (MAR) system in Cyprus. <i>Science of the Total Environment</i> , 2018, 626, 875-886.	3.9	23
8	Reactive transport of volatile organic compound mixtures in the unsaturated zone: modeling and tuning with lysimeter data. <i>Environmental Modelling and Software</i> , 2004, 19, 435-450.	1.9	18
9	Evaluation of the uncertainty of groundwater model predictions associated with conceptual errors: A per-datum approach to model calibration. <i>Advances in Water Resources</i> , 2006, 29, 503-514.	1.7	18
10	Vulnerability assessment of water resources and adaptive management approach for Lesvos Island, Greece. <i>Sustainable Water Resources Management</i> , 2017, 3, 283-295.	1.0	18
11	Modeling multicomponent NAPL transport in the unsaturated zone with the constituent averaging technique. <i>Advances in Water Resources</i> , 2002, 25, 723-732.	1.7	17
12	Modeling Natural Attenuation of Multicomponent Fuel Mixtures in the Vadose Zone: Use of Field Data and Evaluation of Biodegradation Effects. <i>Vadose Zone Journal</i> , 2004, 3, 1262-1275.	1.3	10
13	Accounting for model error in risk assessments: Alternatives to adopting a bias towards conservative risk estimates in decision models. <i>Advances in Water Resources</i> , 2008, 31, 1074-1086.	1.7	7
14	Efficient Simulation of (Log)Normal Random Fields for Hydrogeological Applications. <i>Mathematical Geosciences</i> , 2013, 45, 531-556.	1.4	7
15	Conditional Latin Hypercube Simulation of (Log)Gaussian Random Fields. <i>Mathematical Geosciences</i> , 2018, 50, 127-146.	1.4	6
16	Numerical assessment of climate change impact on the hydrological regime of a small Mediterranean river, Lesvos Island, Greece. <i>Acta Horticulturae Et Regiotecturae</i> , 2021, 24, 28-48.	0.5	6
17	Model calibration/parameter estimation techniques and conceptual model error. <i>NATO Science for Peace and Security Series C: Environmental Security</i> , 2009, , 129-154.	0.1	6
18	Modeling Natural Attenuation of Multicomponent Fuel Mixtures in the Vadose Zone: Use of Field Data and Evaluation of Biodegradation Effects. <i>Vadose Zone Journal</i> , 2004, 3, 1262-1275.	1.3	5

#	ARTICLE	IF	CITATIONS
19	Accounting for model sensitivity in controlled (log)Gaussian geostatistical simulation. Spatial Statistics, 2015, 14, 224-239.	0.9	2
20	Attenuation capacity of a coastal aquifer under managed recharge by reclaimed wastewater. , 2013, , .		1
21	Modeling transport of VOC mixtures using composite constituents. Developments in Water Science, 2002, 47, 185-192.	0.1	0