Lamia Guellouz

List of Publications by Year
in descending order

8 papers	**200** citations	1478505 **6** h-index	1588992 **8** g-index
8 all docs	**8** docs citations	**8** times ranked	**172** citing authors

#	Article	IF	Citations
1	Bayesian sparse polynomial chaos expansion for global sensitivity analysis. Computer Methods in Applied Mechanics and Engineering, 2017, 318, 474-496.	6.6	89
2	Solving density driven flow problems with efficient spatial discretizations and higher-order time integration methods. Advances in Water Resources, 2009, 32, 340-352.	3.8	49
3	An efficient numerical model for hydrodynamic parameterization in 2D fractured dual-porosity media. Advances in Water Resources, 2014, 63, 179-193.	3.8	29
4	A new efficient Bayesian parameter inference strategy: Application to flow and pesticide transport through unsaturated porous media. Journal of Hydrology, 2018, 563, 887-899.	5.4	12
5	Hydraulic and transport parameter assessment using column infiltration experiments. Hydrology and Earth System Sciences, 2017, 21, 2263-2275.	4.9	9
6	An Efficient Implementation of the Method of Lines for Multicomponent Reactive Transport Equations. Water, Air, and Soil Pollution, 2011, 215, 273-283.	2.4	7
7	Bayesian Simultaneous Estimation of Unsaturated Flow and Solute Transport Parameters from a Laboratory Infiltration Experiment. Water (Switzerland), 2019, 11, 1660.	2.7	4
8	Use of Global Sensitivity and Data-Worth Analysis for an Efficient Estimation of Soil Hydraulic Properties. Water (Switzerland), 2020, 12, 736.	2.7	1