Michail D Vrettas

List of Publications by Year
in descending order

7 papers	**158** citations	1478505 **6** h-index	1720034 **7** g-index
7 all docs	**7** docs citations	**7** times ranked	**268** citing authors

#	Article	IF	Citations
1	The docking of synaptic vesicles on the presynaptic membrane induced by α-synuclein is modulated by lipid composition. Nature Communications, 2021, 12, 927.	12.8	63
2	Sensitivity of transpiration to subsurface properties: Exploration with a 1‑D model. Journal of Advances in Modeling Earth Systems, 2017, 9, 1030-1045.	3.8	13
3	Toward a new parameterization of hydraulic conductivity in climate models: Simulation of rapid groundwater fluctuations in <scp>N</scp>orthern <scp>C</scp>alifornia. Journal of Advances in Modeling Earth Systems, 2015, 7, 2105-2135.	3.8	37
4	Variational mean-field algorithm for efficient inference in large systems of stochastic differential equations. Physical Review E, 2015, 91, 012148.	2.1	15
5	Estimating parameters in stochastic systems: A variational Bayesian approach. Physica D: Nonlinear Phenomena, 2011, 240, 1877-1900.	2.8	14
6	Quantifying Simulator Discrepancy in Discrete-Time Dynamical Simulators. Journal of Agricultural, Biological, and Environmental Statistics, 2011, 16, 554-570.	1.4	12
7	A new variational radial basis function approximation for inference in multivariate diffusions. Neurocomputing, 2010, 73, 1186-1198.	5.9	4