Svetlana Dubinkina

List of Publications by Year
in descending order

19	378	1039406 9	839053 18
papers	citations	h-index	g-index

23	23	23	573
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Shadowing-Based Data Assimilation Method for Partially Observed Models. SIAM Journal on Applied Dynamical Systems, 2022, 21, 879-902.	0.7	0
2	Energy-conserving formulation of the two-fluid model for incompressible two-phase flow in channels and pipes. Computers and Fluids, 2022, 244, 105533.	1.3	2
3	Fast hybrid tempered ensemble transform filter formulation for Bayesian elliptical problems via Sinkhorn approximation. Nonlinear Processes in Geophysics, 2021, 28, 23-41.	0.6	1
4	Comparison of regularized ensemble Kalman filter and tempered ensemble transform particle filter for an elliptic inverse problem with uncertain boundary conditions. Computational Geosciences, 2020, 24, 149-160.	1.2	2
5	Transform-based particle filtering for elliptic Bayesian inverse problems. Inverse Problems, 2019, 35, 115005.	1.0	6
6	Relevance of conservative numerical schemes for an Ensemble Kalman Filter. Quarterly Journal of the Royal Meteorological Society, 2018, 144, 468-477.	1.0	4
7	Projected Shadowing-Based Data Assimilation. SIAM Journal on Applied Dynamical Systems, 2018, 17, 2446-2477.	0.7	8
8	Application of ensemble transform data assimilation methods for parameter estimation in reservoir modeling. Nonlinear Processes in Geophysics, 2018, 25, 731-746.	0.6	1
9	Impact of the initialisation on the predictability of the Southern Ocean sea ice at interannual to multi-decadal timescales. Climate Dynamics, 2015, 44, 2267-2286.	1.7	12
10	An assessment of particle filtering methods and nudging for climate state reconstructions. Climate of the Past, 2013, 9, 1141-1152.	1.3	22
11	Investigating the consistency between proxy-based reconstructions and climate models using data assimilation: a mid-Holocene case study. Climate of the Past, 2013, 9, 2741-2757.	1.3	24
12	Using data assimilation to investigate the causes of Southern Hemisphere high latitude cooling from 10 to 8 ka BP. Climate of the Past, 2013, 9, 887-901.	1.3	33
13	The role of forcing and internal dynamics in explaining the â€œMedieval Climate Anomalyâ€• Climate Dynamics, 2012, 39, 2847-2866.	1.7	97
14	The medieval climate anomaly in Europe: Comparison of the summer and annual mean signals in two reconstructions and in simulations with data assimilation. Global and Planetary Change, 2012, 84-85, 35-47.	1.6	57
15	TESTING A PARTICLE FILTER TO RECONSTRUCT CLIMATE CHANGES OVER THE PAST CENTURIES. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2011, 21, 3611-3618.	0.7	49
16	Statistical relevance of vorticity conservation in the Hamiltonian particle-mesh method. Journal of Computational Physics, 2010, 229, 2634-2648.	1.9	19
17	Simplified Modelling of a Thermal Bath, with Application to a Fluid Vortex System. Multiscale Modeling and Simulation, 2010, 8, 1882-1901.	0.6	3
18	Statistical mechanics of Arakawaâ€™s discretizations. Journal of Computational Physics, 2007, 227, 1286-1305.	1.9	29

#	Article	IF	Citations
19	A model of film deformation and rupture under the action of thermocapillary forces. Fluid Dynamics, 2006, 41, 755-771.	0.2	7