

Dave Higdon

List of Publications by Year in descending order

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15
papers

1,474
citations

1040056

9
h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

1498
citing authors

#	ARTICLE	IF	CITATIONS
1	Forecasting influenza activity using machine-learned mobility map. Nature Communications, 2021, 12, 726.	12.8	30
2	Optimizing spatial allocation of seasonal influenza vaccine under temporal constraints. PLoS Computational Biology, 2019, 15, e1007111.	3.2	44
3	Using data-driven agent-based models for forecasting emerging infectious diseases. Epidemics, 2018, 22, 43-49.	3.0	133
4	Calibrating a Stochastic, Agent-Based Model Using Quantile-Based Emulation. SIAM-ASA Journal on Uncertainty Quantification, 2018, 6, 1685-1706.	2.0	24
5	Gaussian Process-Based Sensitivity Analysis and Bayesian Model Calibration with GPMSA. , 2017, , 1867-1907.		1
6	Gaussian Process-Based Sensitivity Analysis and Bayesian Model Calibration with GPMSA. , 2015, , 1-41.		2
7	Discussion of "Computer Experiments with Qualitative and Quantitative Variables: A Review and Reexamination". Quality Engineering, 2015, 27, 14-16.	1.1	2
8	A Bayesian approach for parameter estimation and prediction using a computationally intensive model. Journal of Physics G: Nuclear and Particle Physics, 2015, 42, 034009.	3.6	36
9	Calibration of tuning parameters in the FRAPCON model. Annals of Nuclear Energy, 2013, 52, 95-102.	1.8	9
10	Computer Model Calibration Using the Ensemble Kalman Filter. Technometrics, 2013, 55, 488-500.	1.9	20
11	Comments on: A general science-based framework for dynamical spatio-temporal models. Test, 2010, 19, 462-465.	1.1	1
12	Computer Model Calibration Using High-Dimensional Output. Journal of the American Statistical Association, 2008, 103, 570-583.	3.1	644
13	Comment on article by SansÃ³ et al. [MR2383247]. Bayesian Analysis, 2008, 3, .	3.0	1
14	Combining experimental data and computer simulations, with an application to flyer plate experiments. Bayesian Analysis, 2006, 1, 765.	3.0	66
15	Combining Field Data and Computer Simulations for Calibration and Prediction. SIAM Journal of Scientific Computing, 2004, 26, 448-466.	2.8	461