Alex A Gorodetsky

List of Publications by Year
in descending order

12	174	1478505 6	1588992 8
papers	citations	h-index	g-index

12	12	12	145
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A generalized approximate control variate framework for multifidelity uncertainty quantification. Journal of Computational Physics, 2020, 408, 109257.	3.8	52
2	A continuous analogue of the tensor-train decomposition. Computer Methods in Applied Mechanics and Engineering, 2019, 347, 59-84.	6.6	31
3	High-dimensional stochastic optimal control using continuous tensor decompositions. International Journal of Robotics Research, 2018, 37, 340-377.	8.5	22
4	Gradient-based optimization for regression in the functional tensor-train format. Journal of Computational Physics, 2018, 374, 1219-1238.	3.8	18
5	MFNets: data efficient all-at-once learning of multifidelity surrogates as directed networks of information sources. Computational Mechanics, 2021, 68, 741-758.	4.0	15
6	MFNets: MULTI-FIDELITY DATA-DRIVEN NETWORKS FOR BAYESIAN LEARNING AND PREDICTION. , 2020, 10, 595-622.		14
7	Functional Tensor-Train Chebyshev Method for Multidimensional Quantum Dynamics Simulations. Journal of Chemical Theory and Computation, 2022, 18, 25-36.	5.3	10
8	Semi-implicit methods for the dynamics of elastic sheets. Journal of Computational Physics, 2019, 399, 108952.	3.8	6
9	Adaptive experimental design for multiâ€fidelity surrogate modeling of multiâ€disciplinary systems. International Journal for Numerical Methods in Engineering, 2022, 123, 2760-2790.	2.8	4
10	ROBUST UNCERTAINTY QUANTIFICATION USING RESPONSE SURFACE APPROXIMATIONS OF DISCONTINUOUS FUNCTIONS. , 2019, 9, 415-437.		2
11	Inverse design of self-oscillatory gels through deep learning. Neural Computing and Applications, 2022, 34, 6879.	5.6	0
12	Dynamic Multiagent Assignment Via Discrete Optimal Transport. IEEE Transactions on Control of Network Systems, 2022, 9, 151-162.	3.7	0