

Kevin Ryczko

List of Publications by Year in descending order

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10
papers

227
citations

1307594

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1474206

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all docs

10
docs citations

10
times ranked

353
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward Orbital-Free Density Functional Theory with Small Data Sets and Deep Learning. Journal of Chemical Theory and Computation, 2022, 18, 1122-1128.	5.3	22
2	(Invited) Machine Learned Deep Neural Networks to Simulate Raman Spectrum of Defective Graphene Systems. ECS Meeting Abstracts, 2021, MA2021-01, 604-604.	0.0	0
3	Neural evolution structure generation: High entropy alloys. Journal of Chemical Physics, 2021, 155, 044102.	3.0	5
4	Crystal Site Feature Embedding Enables Exploration of Large Chemical Spaces. Matter, 2020, 3, 433-448.	10.0	33
5	Inverse Design of a Graphene-Based Quantum Transducer via Neuroevolution. Journal of Physical Chemistry C, 2020, 124, 26117-26123.	3.1	8
6	Deep learning and density-functional theory. Physical Review A, 2019, 100, .	2.5	76
7	Extensive deep neural networks for transferring small scale learning to large scale systems. Chemical Science, 2019, 10, 4129-4140.	7.4	32
8	Convolutional neural networks for atomistic systems. Computational Materials Science, 2018, 149, 134-142.	3.0	39
9	Hashkat: large-scale simulations of online social networks. Social Network Analysis and Mining, 2017, 7, 1.	2.8	7
10	Structural characterization of water-metal interfaces. Physical Review B, 2017, 96, .	3.2	5