

# Kevin Ryczko

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/925112/publications.pdf>

Version: 2024-02-01

10  
papers

227  
citations

1307594

7  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

353  
citing authors

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