Elia Schneider

List of Publications by Year
in descending order

13 papers	886 citations	1040056 9 h-index	1125743 13 g-index
13 all docs	13 docs citations	13 times ranked	1333 citing authors

#	Article	IF	Citations
1	Report on the sixth blind test of organic crystal structure prediction methods. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2016, 72, 439-459.	1.1	445
2	Powder diffraction and crystal structure prediction identify four new coumarin polymorphs. Chemical Science, 2017, 8, 4926-4940.	7.4	97
3	Stochastic Neural Network Approach for Learning High-Dimensional Free Energy Surfaces. Physical Review Letters, 2017, 119, 150601.	7.8	85
4	On transverse asymmetries in. Nuclear Physics B, 2012, 854, 321-339.	2.5	82
5	Neural-Network-Based Path Collective Variables for Enhanced Sampling of Phase Transformations. Physical Review Letters, 2019, 123, 245701.	7.8	47
6	Complementarity of the constraints on new physics from<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>B</mml:mi><mml:mi>s</mml:mi></mml:msub><mml:mo>â†’</mml:mo><mml:msup><mml:mi> mathvariant="bold">+</mml:mo></mml:msup><mml:msup><mml:mi>Î¼</mml:mi><mml:mo mathvariant="bold">â^’</mml:mo></mml:msup></mml:math>and from<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	4.7	44
7	Exploring polymorphism of benzene and naphthalene with free energy based enhanced molecular dynamics. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2016, 72, 542-550.	1.1	41
8	Comparison of the Performance of Machine Learning Models in Representing High-Dimensional Free Energy Surfaces and Generating Observables. Journal of Physical Chemistry B, 2020, 124, 3647-3660.	2.6	20
9	Endpoint-restricted adiabatic free energy dynamics approach for the exploration of biomolecular conformational equilibria. Journal of Chemical Physics, 2018, 149, 072316.	3.0	11
10	Dissipative quantum transport in macromolecules: Effective field theory approach. Physical Review B, 2013, 88, .	3.2	4
11	Quantum propagation of electronic excitations in macromolecules: A computationally efficient multiscale approach. Physical Review B, 2016, 94, .	3.2	4
12	Complementarity of <mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x	0.4	3
13	Long-distance quantum transport dynamics in macromolecules. Physical Review B, 2014, 89, .	3.2	3