

Tricia D Shepherd

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

318
citations

1163117

8
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

387
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of the Ice-Clathrate Interface. <i>Journal of Physical Chemistry C</i> , 2015, 119, 4104-4117.	3.1	65
2	The Quasi-Liquid Layer of Ice under Conditions of Methane Clathrate Formation. <i>Journal of Physical Chemistry C</i> , 2012, 116, 12172-12180.	3.1	59
3	Using POGIL to help students learn to program. <i>ACM Transactions on Computing Education</i> , 2013, 13, 1-23.	3.5	52
4	Teaching CS 1 with POGIL activities and roles. , 2014, , .		28
5	Could Mesophases Play a Role in the Nucleation and Polymorph Selection of Zeolites?. <i>Journal of the American Chemical Society</i> , 2018, 140, 16071-16086.	13.7	23
6	Chemical reaction dynamics with stochastic potentials below the high-friction limit. <i>Journal of Chemical Physics</i> , 2001, 115, 2430-2438.	3.0	20
7	PSI4Education: Computational Chemistry Labs Using Free Software. <i>ACS Symposium Series</i> , 2015, , 85-98.	0.5	17
8	Simulations of the Vibrational Relaxation of a Model Diatomic Molecule in a Nanoconfined Polar Solvent. <i>Journal of Physical Chemistry A</i> , 2004, 108, 7347-7355.	2.5	16
9	A Phenomenological Model for Surface Diffusion: Diffusive Dynamics across Incoherent Stochastic Aperiodic Potentials. <i>Journal of Physical Chemistry B</i> , 2004, 108, 19476-19482.	2.6	10
10	Activated Dynamics Across Aperiodic Stochastic Potentials. <i>Journal of Physical Chemistry B</i> , 2002, 106, 8176-8181.	2.6	8
11	Conformational Free Energies of 1,2-Dichloroethane in Nanoconfined Methanol. <i>Journal of Physical Chemistry B</i> , 2005, 109, 17479-17487.	2.6	8
12	An optimized mean first passage time approach for obtaining rates in activated processes. <i>Journal of Chemical Physics</i> , 2002, 117, 9227-9233.	3.0	7
13	π π^* Interactions in N-Acyl Homoserine Lactone Derivatives and Their Effects on Hydrolysis Rates. <i>Journal of Physical Chemistry A</i> , 2019, 123, 2537-2543.	2.5	4
14	Making Sense of Mathematical Relationships in Physical Chemistry. <i>ACS Symposium Series</i> , 2019, , 173-186.	0.5	1