

Grant Goodyear

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11992551/publications.pdf>

Version: 2024-02-01

12
papers

406
citations

759233

12
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

187
citing authors

#	ARTICLE	IF	CITATIONS
1	The short-time intramolecular dynamics of solutes in liquids. I. An instantaneous normal mode theory for friction. <i>Journal of Chemical Physics</i> , 1996, 105, 10050-10071.	3.0	60
2	Instantaneous perspectives on solute relaxation in fluids: The common origins of nonpolar solvation dynamics and vibrational population relaxation. <i>Journal of Chemical Physics</i> , 1997, 107, 524-543.	3.0	53
3	Molecular Origin of Friction in Liquids. <i>Physical Review Letters</i> , 1996, 76, 243-246.	7.8	49
4	Origins of Atom-Centered Local Density Enhancements in Compressible Supercritical Fluids. <i>Journal of Physical Chemistry B</i> , 2000, 104, 6248-6257.	2.6	48
5	The short-time intramolecular dynamics of solutes in liquids. II. Vibrational population relaxation. <i>Journal of Chemical Physics</i> , 1997, 107, 3098-3120.	3.0	46
6	Effect of Critical Slowing Down on Local-Density Dynamics. <i>Journal of Physical Chemistry B</i> , 2000, 104, 6266-6270.	2.6	34
7	What causes the vibrational lifetime plateau in supercritical fluids?. <i>Journal of Chemical Physics</i> , 1999, 110, 3643-3646.	3.0	30
8	Glass-like behavior in supercritical fluids: The effect of critical slowing down on solute dynamics. <i>Journal of Chemical Physics</i> , 1999, 111, 9673-9677.	3.0	19
9	Domain-Based Characterization of Density Inhomogeneities in Compressible Supercritical Fluids. <i>Journal of Physical Chemistry B</i> , 2000, 104, 6240-6247.	2.6	19
10	Liquid theory for the instantaneous normal modes of a liquid. II. Solutions. <i>Journal of Chemical Physics</i> , 1996, 104, 2987-3002.	3.0	18
11	The correlation between local and long-range structure in compressible supercritical fluids. <i>Journal of Chemical Physics</i> , 2000, 112, 10327-10339.	3.0	15
12	Correlation between Local and Long-Range Structure in Compressible Supercritical Lennard-Jones Fluids: State-Point Dependence. <i>Journal of Physical Chemistry B</i> , 2000, 104, 6258-6265.	2.6	15