

Xinzijian Liu

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

210
citations

1307366
7
h-index

1588896
8
g-index

8
all docs

8
docs citations

8
times ranked

205
citing authors

#	ARTICLE	IF	CITATIONS
1	A simple and accurate algorithm for path integral molecular dynamics with the Langevin thermostat. <i>Journal of Chemical Physics</i> , 2016, 145, 024103.	1.2	58
2	Unified Efficient Thermostat Scheme for the Canonical Ensemble with Holonomic or Isokinetic Constraints via Molecular Dynamics. <i>Journal of Physical Chemistry A</i> , 2019, 123, 6056-6079.	1.1	48
3	A unified thermostat scheme for efficient configurational sampling for classical/quantum canonical ensembles via molecular dynamics. <i>Journal of Chemical Physics</i> , 2017, 147, 034109.	1.2	40
4	Critical role of quantum dynamical effects in the Raman spectroscopy of liquid water. <i>Molecular Physics</i> , 2018, 116, 755-779.	0.8	28
5	Path integral molecular dynamics for exact quantum statistics of multi-electronic-state systems. <i>Journal of Chemical Physics</i> , 2018, 148, 102319.	1.2	13
6	Machine learning phase space quantum dynamics approaches. <i>Journal of Chemical Physics</i> , 2021, 154, 184104.	1.2	10
7	Further study of path integral Liouville dynamics. <i>Scientia Sinica Chimica</i> , 2016, 46, 27-37.	0.2	7
8	Accurate calculation of equilibrium reduced density matrix for the system-bath model: A multilayer multiconfiguration time-dependent Hartree approach and its comparison to a multi-electronic-state path integral molecular dynamics approach. <i>Chinese Journal of Chemical Physics</i> , 2018, 31, 446-456.	0.6	6