

Kota Hanasaki

List of Publications by Year in descending order

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9
papers

373
citations

1478505

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1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

387
citing authors

#	ARTICLE	IF	CITATIONS
1	Spin current in chemical reactions. <i>Chemical Physics Letters</i> , 2022, , 139462.	2.6	6
2	On the molecular electronic flux: Role of nonadiabaticity and violation of conservation. <i>Journal of Chemical Physics</i> , 2021, 154, 164112.	3.0	10
3	Relativistic formalism of nonadiabatic electron-nucleus-radiation dynamics in molecules: Path-integral approach. <i>Physical Review A</i> , 2019, 100, .	2.5	3
4	Relativistic theory of electron-nucleus-radiation coupled dynamics in molecules: Wavepacket approach. <i>Journal of Chemical Physics</i> , 2019, 151, 084102.	3.0	4
5	An efficient approximate algorithm for nonadiabatic molecular dynamics. <i>Journal of Chemical Physics</i> , 2018, 149, 244117.	3.0	10
6	X-ray multiphoton ionization dynamics of a water molecule irradiated by an x-ray free-electron laser pulse. <i>Physical Review A</i> , 2016, 94, .	2.5	35
7	Efficient electronic structure calculation for molecular ionization dynamics at high x-ray intensity. <i>Structural Dynamics</i> , 2015, 2, 041707.	2.3	47
8	Fundamental Approaches to Nonadiabaticity: Toward a Chemical Theory beyond the Born–Oppenheimer Paradigm. <i>Chemical Reviews</i> , 2012, 112, 499-542.	47.7	175
9	Path integrals for nonadiabatically coupled electrons and nuclei in molecules: Force analysis for branching nuclear paths and conservation laws. <i>Physical Review A</i> , 2010, 81, .	2.5	20