

Phuong Mai Dinh

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

902
citations

687363

13
h-index

454955

30
g-index

41
all docs

41
docs citations

41
times ranked

917
citing authors

#	ARTICLE	IF	CITATIONS
1	Laser-driven nonlinear cluster dynamics. <i>Reviews of Modern Physics</i> , 2010, 82, 1793-1842.	45.6	384
2	Transverse Energy Fluctuations and the Pattern of \hat{I}^{\perp} Suppression in Pb-Pb Collisions. <i>Physical Review Letters</i> , 2000, 85, 4012-4015.	7.8	71
3	Electrons as probes of dynamics in molecules and clusters: A contribution from Time Dependent Density Functional Theory. <i>Physics Reports</i> , 2015, 562, 1-68.	25.6	53
4	Time-Dependent Density-Functional Theory with a Self-Interaction Correction. <i>Physical Review Letters</i> , 2008, 101, 096404.	7.8	41
5	Koopmans's condition in self-interaction-corrected density-functional theory. <i>Physical Review A</i> , 2013, 88, .	2.5	41
6	Calculation of photoelectron spectra: A mean-field-based scheme. <i>Physical Review A</i> , 2013, 87, .	2.5	28
7	Angular asymmetry and attosecond time delay from the giant plasmon resonance in C_{60} photoionization. <i>Physical Review A</i> , 2015, 91, .	2.5	27
8	Nonadiabatic effects in the irradiation of ethylene. <i>International Journal of Quantum Chemistry</i> , 2011, 111, 480-486.	2.0	21
9	Angular distributions of photoelectrons from free Na clusters. <i>Physical Review A</i> , 2010, 82, .	2.5	20
10	Towards the analysis of attosecond dynamics in complex systems. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 19784-19793.	2.8	19
11	Orientation averaged angular distributions of photo-electrons from free Na clusters. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2010, 375, 39-42.	2.1	18
12	Exploration of dynamical regimes of irradiated small protonated water clusters. <i>European Physical Journal D</i> , 2010, 58, 131-136.	1.3	16
13	Frequency dependence of photoelectron angular distributions in small Na clusters. <i>Physical Review A</i> , 2012, 85, .	2.5	14
14	A density functional theory study of $Na(H_2O)_n$: an example of the impact of self-interaction corrections. <i>European Physical Journal D</i> , 2014, 68, 1.	1.3	13
15	Ultrafast nonadiabatic dynamics of a water dimer in femtosecond laser pulses. <i>Laser Physics</i> , 2014, 24, 106004.	1.2	13
16	Frequency dependence of level depletion in Na clusters and in C_2H_4 . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2010, 43, 165102.	1.5	12
17	On the inclusion of dissipation on top of mean-field approaches. <i>European Physical Journal B</i> , 2018, 91, 1.	1.5	12
18	On the dynamics of photo-electrons in C_{60} . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2015, 48, 105102.	1.5	9

#	ARTICLE	IF	CITATIONS
19	A collisional extension of time-dependent Hartree-Fock. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 245101.	1.5	9
20	Self-interaction correction in a simple model. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 5598-5602.	2.1	8
21	Photoelectron spectra from full time dependent self-interaction correction. European Physical Journal D, 2013, 67, 1.	1.3	8
22	Progress towards a realistic theoretical description of C ₆₀ imaging experiments using time-dependent density-functional theory. Physical Review A, 2015, 91, .	2.5	8
23	Strong-field effects in the photoemission spectrum of the C ₆₀ fullerene. Physical Review A, 2016, 93, .	2.5	8
24	Quantum Dissipative Dynamics (QDD): A real-time real-space approach to far-off-equilibrium dynamics in finite electron systems. Computer Physics Communications, 2022, 270, 108155.	7.5	8
25	The Two-Set and Average-Density Self-Interaction Corrections Applied to Small Electronic Systems. Advances in Atomic, Molecular and Optical Physics, 2015, , 87-103.	2.3	6
26	Forward-backward asymmetry of photoemission in C ₆₀ excited by few-cycle laser pulses. Physical Review A, 2017, 95, .	2.5	6
27	Time dependent DFT in natural orbitals. Computational Materials Science, 2017, 138, 426-434.	3.0	6
28	The self-interaction correction in the time domain. Journal of Physics: Conference Series, 2010, 248, 012024.	0.4	5
29	On the Quantum Description of Irradiation Dynamics in Systems of Biological Relevance. , 2017, , 277-309.		4
30	Time-resolved fission in metal clusters. Journal of Physics B: Atomic, Molecular and Optical Physics, 2005, 38, 1637-1643.	1.5	3
31	Multiplasmon excitations in electron spectra of small systems irradiated by swift charged projectiles. European Physical Journal D, 2015, 69, 1.	1.3	3
32	Ionic thermal effects on photo-electron emission within time-dependent density-functional theory. European Physical Journal D, 2016, 70, 1.	1.3	2
33	ON TIME DEPENDENT DFT WITH SIC. International Journal of Modern Physics B, 2008, 22, 4666-4673.	2.0	1
34	TIME-RESOLVED FISSION OF METAL CLUSTERS AND NUCLEI. International Journal of Modern Physics E, 2008, 17, 120-131.	1.0	1
35	Angular distributions of electrons emitted from free and deposited Na ₈ clusters. Physica Status Solidi (B): Basic Research, 2010, 247, 1122-1131.	1.5	1
36	On the role of resonances in photoionization of metal clusters. Journal of Physics: Conference Series, 2013, 438, 012010.	0.4	1

#	ARTICLE	IF	CITATIONS
37	Far Off Equilibrium Dynamics in Clusters and Molecules. <i>Frontiers in Physics</i> , 2020, 8, .	2.1	1
38	Emission and collisional correlation in far-off equilibrium quantum systems. <i>European Physical Journal D</i> , 2021, 75, 1.	1.3	1
39	Size and charge effects on the deposition of Na on Ar clusters. <i>International Journal of Quantum Chemistry</i> , 2007, 107, 2828-2837.	2.0	0
40	Dynamics of irradiation: from molecules to nano-objects and from material science to biology. <i>Journal of Physics: Conference Series</i> , 2013, 410, 012158.	0.4	0
41	An average stochastic approach to two-body dissipation in finite fermion systems. <i>Annals of Physics</i> , 2019, 406, 233-256.	2.8	0