

# 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	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
2	Emission and collisional correlation in far-off equilibrium quantum systems. European Physical Journal D, 2021, 75, 1.	1.3	1
3	Far Off Equilibrium Dynamics in Clusters and Molecules. Frontiers in Physics, 2020, 8, .	2.1	1
4	An average stochastic approach to two-body dissipation in finite fermion systems. Annals of Physics, 2019, 406, 233-256.	2.8	0
5	On the inclusion of dissipation on top of mean-field approaches. European Physical Journal B, 2018, 91, 1.	1.5	12
6	Towards the analysis of attosecond dynamics in complex systems. Physical Chemistry Chemical Physics, 2017, 19, 19784-19793.	2.8	19
7	Forward-backward asymmetry of photoemission in C <sub>60</sub> excited by few-cycle laser pulses. Physical Review A, 2017, 95, .	2.5	6
8	On the Quantum Description of Irradiation Dynamics in Systems of Biological Relevance. , 2017, , 277-309.		4
9	Time dependent DFT in natural orbitals. Computational Materials Science, 2017, 138, 426-434.	3.0	6
10	A collisional extension of time-dependent Hartree-Fock. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 245101.	1.5	9
11	Strong-field effects in the photoemission spectrum of the C <sub>60</sub> fullerene. Physical Review A, 2016, 93, .	2.5	8
12	Ionic thermal effects on photo-electron emission within time-dependent density-functional theory. European Physical Journal D, 2016, 70, 1.	1.3	2
13	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
14	Progress towards a realistic theoretical description of C <sub>60</sub> imaging experiments using time-dependent density-functional theory. Physical Review A, 2015, 91, .	2.5	8
15	On the dynamics of photo-electrons in C <sub>60</sub> . Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 105102.	1.5	9
16	Angular asymmetry and attosecond time delay from the giant plasmon resonance in C <sub>60</sub> photoionization. Physical Review A, 2015, 91, .	2.5	27
17	Multiplasmon excitations in electron spectra of small systems irradiated by swift charged projectiles. European Physical Journal D, 2015, 69, 1.	1.3	3
18	Electrons as probes of dynamics in molecules and clusters: A contribution from Time Dependent Density Functional Theory. Physics Reports, 2015, 562, 1-68.	25.6	53

#	ARTICLE	IF	CITATIONS
19	A density functional theory study of Na(H <sub>2</sub> O) <sub>n</sub> : an example of the impact of self-interaction corrections. <i>European Physical Journal D</i> , 2014, 68, 1.	1.3	13
20	Ultrafast nonadiabatic dynamics of a water dimer in femtosecond laser pulses. <i>Laser Physics</i> , 2014, 24, 106004.	1.2	13
21	Photoelectron spectra from full time dependent self-interaction correction. <i>European Physical Journal D</i> , 2013, 67, 1.	1.3	8
22	Koopmans's condition in self-interaction-corrected density-functional theory. <i>Physical Review A</i> , 2013, 88, .	2.5	41
23	Calculation of photoelectron spectra: A mean-field-based scheme. <i>Physical Review A</i> , 2013, 87, .	2.5	28
24	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
25	On the role of resonances in photoionization of metal clusters. <i>Journal of Physics: Conference Series</i> , 2013, 438, 012010.	0.4	1
26	Frequency dependence of photoelectron angular distributions in small Na clusters. <i>Physical Review A</i> , 2012, 85, .	2.5	14
27	Nonadiabatic effects in the irradiation of ethylene. <i>International Journal of Quantum Chemistry</i> , 2011, 111, 480-486.	2.0	21
28	The self-interaction correction in the time domain. <i>Journal of Physics: Conference Series</i> , 2010, 248, 012024.	0.4	5
29	Exploration of dynamical regimes of irradiated small protonated water clusters. <i>European Physical Journal D</i> , 2010, 58, 131-136.	1.3	16
30	Angular distributions of photoelectrons from free Na clusters. <i>Physical Review A</i> , 2010, 82, .	2.5	20
31	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
32	Angular distributions of electrons emitted from free and deposited Na <sub>8</sub> clusters. <i>Physica Status Solidi (B): Basic Research</i> , 2010, 247, 1122-1131.	1.5	1
33	Frequency dependence of level depletion in Na clusters and in C <sub>2</sub> H <sub>4</sub> . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2010, 43, 165102.	1.5	12
34	Laser-driven nonlinear cluster dynamics. <i>Reviews of Modern Physics</i> , 2010, 82, 1793-1842.	45.6	384
35	Self-interaction correction in a simple model. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008, 372, 5598-5602.	2.1	8
36	ON TIME DEPENDENT DFT WITH SIC. <i>International Journal of Modern Physics B</i> , 2008, 22, 4666-4673.	2.0	1

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37	TIME-RESOLVED FISSION OF METAL CLUSTERS AND NUCLEI. International Journal of Modern Physics E, 2008, 17, 120-131.	1.0	1
38	Time-Dependent Density-Functional Theory with a Self-Interaction Correction. Physical Review Letters, 2008, 101, 096404.	7.8	41
39	Size and charge effects on the deposition of Na on Ar clusters. International Journal of Quantum Chemistry, 2007, 107, 2828-2837.	2.0	0
40	Time-resolved fission in metal clusters. Journal of Physics B: Atomic, Molecular and Optical Physics, 2005, 38, 1637-1643.	1.5	3
41	Transverse Energy Fluctuations and the Pattern of $v_2$ Suppression in Pb-Pb Collisions. Physical Review Letters, 2000, 85, 4012-4015.	7.8	71