Michael von Domaros

List of Publications by Year
in descending order

25	674	471371 17	580701 25
papers	citations	h-index	g-index

25	25	25	590
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Ionic Product of Water in the Eye of the Quantum Cluster Equilibrium. Molecules, 2022, 27, 1286.	1.7	6
2	Multiphase Ozonolysis of Oleic Acid-Based Lipids: Quantitation of Major Products and Kinetic Multilayer Modeling. Environmental Science & Technology, 2022, 56, 7716-7728.	4.6	14
3	Molecular Orientation at the Squalene/Air Interface from Sum Frequency Generation Spectroscopy and Atomistic Modeling. Journal of Physical Chemistry B, 2021, 125, 3932-3941.	1.2	13
4	Multiscale Modeling of Human Skin Oil-Induced Indoor Air Chemistry: Combining Kinetic Models and Molecular Dynamics. Journal of Physical Chemistry B, 2020, 124, 3836-3843.	1.2	28
5	Effect of an external electric field on the dynamics and intramolecular structures of ions in an ionic liquid. Journal of Chemical Physics, 2019, 151, 164503.	1.2	24
6	The impact of clothing on ozone and squalene ozonolysis products in indoor environments. Communications Chemistry, 2019, 2, .	2.0	54
7	Modelling consortium for chemistry of indoor environments (MOCCIE): integrating chemical processes from molecular to room scales. Environmental Sciences: Processes and Impacts, 2019, 21, 1240-1254.	1.7	36
8	Anisotropic structure and dynamics of water under static electric fields. Journal of Chemical Physics, 2019, 150, 074505.	1.2	34
9	Multifaceted Water Dynamics in Spherical Nanocages. Journal of Physical Chemistry C, 2019, 123, 5989-5998.	1.5	5
10	Predicting Moleâ€Fractionâ€Dependent Dissociation for Weak Acids. Angewandte Chemie - International Edition, 2019, 58, 3212-3216.	7.2	21
11	Dissoziation schwacher SÃuren Ã¼ber den gesamten Molenbruchbereich. Angewandte Chemie, 2019, 131, 3245-3249.	1.6	11
12	Thermodynamics and proton activities of protic ionic liquids with quantum cluster equilibrium theory. Journal of Chemical Physics, 2018, 148, 193822.	1.2	30
13	Structure and lifetimes in ionic liquids and their mixtures. Faraday Discussions, 2018, 206, 219-245.	1.6	74
14	Peacemaker 2: Making clusters talk about binary mixtures and neat liquids. SoftwareX, 2018, 7, 356-359.	1.2	29
15	Predicting miscibility of binary liquids from small cluster QCE calculations. Journal of Chemical Physics, 2017, 146, 154502.	1.2	19
16	Anharmonic effects in the quantum cluster equilibrium method. Journal of Chemical Physics, 2017, 146, 124114.	1.2	15
17	Predicting the Ionic Product of Water. Scientific Reports, 2017, 7, 10244.	1.6	40
18	Quantum cluster equilibrium model of N-methylformamideâ€“water binary mixtures. Journal of Chemical Physics, 2016, 144, 064305.	1.2	20

#	Article	IF	Citations
19	Femtosecond 2DIR spectroscopy of the nitrile stretching vibration of thiocyanate anions in liquid-to-supercritical heavy water. Spectral diffusion and libration-induced hydrogen-bond dynamics. Physical Chemistry Chemical Physics, 2015, 17, 29776-29785.	1.3	16
20	Dynamics at a Janus Interface. Journal of Physical Chemistry C, 2013, 117, 4561-4567.	1.5	20
21	A one-parameter quantum cluster equilibrium approach. Journal of Chemical Physics, 2012, 137, 164107.	1.2	11
22	Coupled Cluster in Condensed Phase. Part II: Liquid Hydrogen Fluoride from Quantum Cluster Equilibrium Theory. Journal of Chemical Theory and Computation, 2011, 7, 868-875.	2.3	33
23	Binary systems from quantum cluster equilibrium theory. Journal of Chemical Physics, 2011, 135, 194113.	1.2	44
24	What can clusters tell us about the bulk?. Computer Physics Communications, 2011, 182, 1428-1446.	3.0	46
25	Importance of Structural Motifs in Liquid Hydrogen Fluoride. ChemPhysChem, 2011, 12, 3474-3482.	1.0	31