

Mark J Dellostritto

List of Publications by Year in descending order

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13
papers

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406
citing authors

#	ARTICLE	IF	CITATIONS
1	Vibrational Density of States of Strongly H-Bonded Interfacial Water: Insights from Inelastic Neutron Scattering and Theory. <i>Journal of Physical Chemistry C</i> , 2014, 118, 10805-10813.	3.1	48
2	Effect of Ions on H-Bond Structure and Dynamics at the Quartz(101)–Water Interface. <i>Langmuir</i> , 2016, 32, 11353-11365.	3.5	41
3	Relating Interfacial Order to Sum Frequency Generation with Ab Initio Simulations of the Aqueous Al ₂ O ₃ (0001) and (112̄..0) Interfaces. <i>Journal of Physical Chemistry C</i> , 2018, 122, 21284-21294.	3.1	30
4	Effect of Functional and Electron Correlation on the Structure and Spectroscopy of the Al ₂ O ₃ (001)–H ₂ O Interface. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 2031-2036.	4.6	22
5	Probing Heterogeneous Charge Distributions at the ±Al ₂ O ₃ (0001)/H ₂ O Interface. <i>Journal of the American Chemical Society</i> , 2020, 142, 12096-12105.	13.7	21
6	Aqueous solvation of the chloride ion revisited with density functional theory: impact of correlation and exchange approximations. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 10666-10675.	2.8	20
7	Sodium Halide Adsorption and Water Structure at the ±Alumina(0001)/Water Interface. <i>Journal of Physical Chemistry C</i> , 2019, 123, 15618-15628.	3.1	19
8	Bond Polarizability Model for Sum Frequency Generation at the Al ₂ O ₃ (0001)–H ₂ O Interface. <i>Journal of Physical Chemistry A</i> , 2017, 121, 3045-3055.	2.5	16
9	Effect of Interlayer Co ²⁺ on Structure and Charge Transfer in NiFe Layered Double Hydroxides. <i>Journal of Physical Chemistry C</i> , 2019, 123, 13593-13599.	3.1	11
10	Importance of nuclear quantum effects on the hydration of chloride ion. <i>Physical Review Materials</i> , 2021, 5, .	2.4	11
11	Modeling the Ultrafast Electron Attachment Dynamics of Solvated Uracil. <i>Journal of Physical Chemistry A</i> , 2021, 125, 6995-7003.	2.5	8
12	Bond-Dependent Thole Model for Polarizability and Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2019, 123, 5378-5387.	2.5	6
13	Tan ^{1/4} s universal contact and collective oscillations of strongly interacting Fermi gases. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2012, 376, 2298-2305.	2.1	2