Mark J Dellostritto

List of Publications by Year
in descending order

13	255	933447 10	1125743 13
papers	citations	h-index	g-index

13	13	13	406
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Importance of nuclear quantum effects on the hydration of chloride ion. Physical Review Materials, 2021, 5, .	2.4	11
2	Modeling the Ultrafast Electron Attachment Dynamics of Solvated Uracil. Journal of Physical Chemistry A, 2021, 125, 6995-7003.	2.5	8
3	Probing Heterogeneous Charge Distributions at the Î±-Al₂O₃(0001)/H₂O Interface. Journal of the American Chemical Society, 2020, 142, 12096-12105.	13.7	21
4	Aqueous solvation of the chloride ion revisited with density functional theory: impact of correlation and exchange approximations. Physical Chemistry Chemical Physics, 2020, 22, 10666-10675.	2.8	20
5	Bond-Dependent Thole Model for Polarizability and Spectroscopy. Journal of Physical Chemistry A, 2019, 123, 5378-5387.	2.5	6
6	Effect of Interlayer Co²⁺ on Structure and Charge Transfer in NiFe Layered Double Hydroxides. Journal of Physical Chemistry C, 2019, 123, 13593-13599.	3.1	11
7	Sodium Halide Adsorption and Water Structure at the Î±-Alumina(0001)/Water Interface. Journal of Physical Chemistry C, 2019, 123, 15618-15628.	3.1	19
8	Effect of Functional and Electron Correlation on the Structure and Spectroscopy of the Al₂O₃(001)â€“H₂O Interface. Journal of Physical Chemistry Letters, 2019, 10, 2031-2036.	4.6	22
9	Relating Interfacial Order to Sum Frequency Generation with Ab Initio Simulations of the Aqueous Al₂O₃(0001) and (112Ì…0) Interfaces. Journal of Physical Chemistry C, 2018, 122, 21284-21294.	3.1	30
10	Bond Polarizability Model for Sum Frequency Generation at the Al₂O₃(0001)â€“H₂O Interface. Journal of Physical Chemistry A, 2017, 121, 3045-3055.	2.5	16
11	Effect of Ions on H-Bond Structure and Dynamics at the Quartz(101)â€“Water Interface. Langmuir, 2016, 32, 11353-11365.	3.5	41
12	Vibrational Density of States of Strongly H-Bonded Interfacial Water: Insights from Inelastic Neutron Scattering and Theory. Journal of Physical Chemistry C, 2014, 118, 10805-10813.	3.1	48
13	TanÊ¼s universal contact and collective oscillations of strongly interacting Fermi gases. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 2298-2305.	2.1	2