

Laetitia Dalstein

List of Publications by Year in descending order

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840119

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citing authors

#	ARTICLE	IF	CITATIONS
1	The elusive silica/water interface: isolated silanols under water as revealed by vibrational sum frequency spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 10343-10349.	1.3	111
2	Revealing the Interplay between Adsorbed Molecular Layers and Gold Nanoparticles by Linear and Nonlinear Optical Properties. <i>Journal of Physical Chemistry C</i> , 2015, 119, 17146-17155.	1.5	35
3	Nonlinear optical response of a gold surface in the visible range: A study by two-color sum-frequency generation spectroscopy. I. Experimental determination. <i>Journal of Chemical Physics</i> , 2018, 148, 134701.	1.2	31
4	Sum-Frequency Generation Spectroscopy of Plasmonic Nanomaterials: A Review. <i>Materials</i> , 2019, 12, 836.	1.3	28
5	Direct Quantification of Water Surface Charge by Phase-Sensitive Second Harmonic Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 5200-5205.	2.1	24
6	The Prevailing Role of Hotspots in Plasmon-Enhanced Sum-Frequency Generation Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 7706-7711.	2.1	22
7	Affinity of Hydrated Protons at Intrinsic Water/Vapor Interface Revealed by Ion-Induced Water Alignment. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 696-701.	2.1	21
8	Nonlinear optical response of a gold surface in the visible range: A study by two-color sum-frequency generation spectroscopy. II. Model for metal nonlinear susceptibility. <i>Journal of Chemical Physics</i> , 2018, 149, 034701.	1.2	19
9	Nonlinear optical response of a gold surface in the visible range: A study by two-color sum-frequency generation spectroscopy. III. Simulations of the experimental SFG intensities. <i>Journal of Chemical Physics</i> , 2018, 149, 154701.	1.2	16
10	Sum-Frequency Spectroscopy Amplified by Plasmonics: The Small Particle Case. <i>Journal of Physical Chemistry C</i> , 2019, 123, 26597-26607.	1.5	16
11	Linear and nonlinear optical properties of functionalized CdSe quantum dots prepared by plasma sputtering and wet chemistry. <i>Journal of Colloid and Interface Science</i> , 2015, 445, 69-75.	5.0	13
12	The reduction of 4-nitrobenzene diazonium electrografted layer: An electrochemical study coupled to in situ sum-frequency generation spectroscopy. <i>Electrochimica Acta</i> , 2018, 283, 1640-1648.	2.6	13
13	Wavelength-scanning second-harmonic generation for determining absolute charge density at aqueous interfaces. <i>Optics Letters</i> , 2020, 45, 3733.	1.7	2