

Gaelle Martin-Gassin

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

385
citations

759055

12
h-index

794469

19
g-index

20
all docs

20
docs citations

20
times ranked

577
citing authors

#	ARTICLE	IF	CITATIONS
1	Driving Forces of Cationic Dye Adsorption, Confinement, and Long-Range Correlation in Zeolitic Materials. <i>Langmuir</i> , 2022, 38, 1296-1303.	1.6	3
2	PySHS: Python Open Source Software for Second Harmonic Scattering. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 5912-5917.	2.5	4
3	Second-Harmonic Scattering Can Probe Hydration and Specific Ion Effects in Clay Particles. <i>Journal of Physical Chemistry C</i> , 2020, 124, 4109-4113.	1.5	4
4	Synthesis and Characterization of a Chromo-Extractant to the Probe Liquid-Liquid Interface in a Solvent Extraction Process. <i>Journal of Physical Chemistry C</i> , 2020, 124, 10916-10923.	1.5	3
5	Multiscale Mechanistic Study of the Adsorption of Methyl Orange on the External Surface of Layered Double Hydroxide. <i>Journal of Physical Chemistry C</i> , 2019, 123, 22212-22220.	1.5	19
6	Second-Harmonic Scattering in Layered Double Hydroxide Colloids: A Microscopic View of Adsorption and Intercalation. <i>Langmuir</i> , 2018, 34, 12206-12213.	1.6	8
7	Adsorbed Dyes onto Nanoparticles: Large Wavelength Dependence in Second Harmonic Scattering. <i>Journal of Physical Chemistry C</i> , 2017, 121, 14566-14571.	1.5	7
8	How Does Competition between Anionic Pollutants Affect Adsorption onto Mg-Al Layered Double Hydroxide? Three Competition Schemes. <i>Journal of Physical Chemistry C</i> , 2016, 120, 10410-10418.	1.5	21
9	How to distinguish various components of the SHG signal recorded from the solid/liquid interface?. <i>Chemical Physics Letters</i> , 2016, 664, 50-55.	1.2	0
10	Surface Activity and Molecular Organization of Metallacarboranes at the Air-Water Interface Revealed by Nonlinear Optics. <i>Langmuir</i> , 2015, 31, 2297-2303.	1.6	37
11	Study of Adsorption and Intercalation of Orange-Type Dyes into Mg-Al Layered Double Hydroxide. <i>Journal of Physical Chemistry C</i> , 2015, 119, 23388-23397.	1.5	116
12	Tracking Molecular Aggregates at a Liquid Interface by Nonlinear Correlation Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2014, 118, 1135-1141.	1.5	14
13	Surfactant transfer across a water/oil interface: A diffusion/kinetics model for the interfacial tension evolution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 436, 1103-1110.	2.3	16
14	PalmitateLuciferin: A Molecular Design for the Second Harmonic Generation Study of Ion Complexation at the Air-Water Interface. <i>Journal of Physical Chemistry C</i> , 2012, 116, 7450-7456.	1.5	14
15	Kinetics of Triton-X100 Transfer Across the Water/Dodecane Interface: Analysis of the Interfacial Tension Variation. <i>Journal of Physical Chemistry C</i> , 2012, 116, 13152-13160.	1.5	23
16	Second harmonic generation monitoring of nitric acid extraction by a monoamide at the water-dodecane interface. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 19580.	1.3	15
17	Nonradiative Deactivation of Excited Hemicyanines Studied with Submolecular Spatial Resolution by Time-Resolved Surface Second Harmonic Generation at Liquid-Liquid Interfaces. <i>Journal of the American Chemical Society</i> , 2011, 133, 2358-2361.	6.6	20
18	Effect of Salt on the Excited-State Dynamics of Malachite Green in Bulk Aqueous Solutions and at Air/Water Interfaces: a Femtosecond Transient Absorption and Surface Second Harmonic Generation Study. <i>Journal of Physical Chemistry C</i> , 2009, 113, 11822-11829.	1.5	25

#	ARTICLE	IF	CITATIONS
19	Compression Induced Chirality in Dense Molecular Films at the Air/Water Interface Probed by Second Harmonic Generation. Journal of Physical Chemistry C, 2008, 112, 12958-12965.	1.5	34