

Lu Lin

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	In situ nonlinear optical spectroscopic study of the structural chirality in DPPC Langmuir monolayers at the air/water interface. <i>Journal of Chemical Physics</i> , 2022, 156, 094704.	3.0	1
2	Ion Pairing and Molecular Orientation at Liquid/Liquid Interfaces: Self-Assembly and Function. <i>Journal of Physical Chemistry B</i> , 2022, 126, 2316-2323.	2.6	12
3	Squeezing Out Interfacial Solvation: The Role of Hydrogen-Bonding in the Structural and Orientational Freedom of Molecular Self-Assembly. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 2273-2280.	4.6	7
4	Considerations in upconversion: A practical guide to sum-frequency generation spectrometer design and implementation. <i>Biointerphases</i> , 2022, 17, 021201.	1.6	4
5	Ion Pairing Mediates Molecular Organization Across Liquid/Liquid Interfaces. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 33734-33743.	8.0	13
6	Hydrogen-Bond-Driven Chemical Separations: Elucidating the Interfacial Steps of Self-Assembly in Solvent Extraction. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 32119-32130.	8.0	36
7	Iron(III) Speciation Observed at Aqueous and Glycerol Surfaces: Vibrational Sum Frequency and X-ray. <i>Journal of the American Chemical Society</i> , 2019, 141, 13525-13535.	13.7	27
8	Fabrication of Supramolecular Chirality from Achiral Molecules at the Liquid/Liquid Interface Studied by Second Harmonic Generation. <i>Langmuir</i> , 2018, 34, 139-146.	3.5	8
9	Ordering effects of cholesterol on sphingomyelin monolayers investigated by high-resolution broadband sum-frequency generation vibrational spectroscopy. <i>Chinese Chemical Letters</i> , 2018, 29, 357-360.	9.0	10
10	Bulk Contributions Modulate the Sum-Frequency Generation Spectra of Water on Model Sea-Spray Aerosols. <i>CheM</i> , 2018, 4, 1629-1644.	11.7	69
11	Effect of acidity on morphologies and photodimerization kinetics in Langmuir-Blodgett monolayers of styrylquinoline derivatives. <i>Chinese Chemical Letters</i> , 2017, 28, 1285-1289.	9.0	4
12	Effect of Ca ²⁺ to Sphingomyelin Investigated by Sum Frequency Generation Vibrational Spectroscopy. <i>Biophysical Journal</i> , 2017, 112, 2173-2183.	0.5	32
13	Photodimerization Kinetics of a Styrylquinoline Derivative in Langmuir-Blodgett Monolayers Monitored by Second Harmonic Generation. <i>Journal of Physical Chemistry C</i> , 2017, 121, 23541-23550.	3.1	14
14	Two-Photon-Induced Isomerization of Spiropyran/Merocyanine at the Air/Water Interface Probed by Second Harmonic Generation. <i>Journal of Physical Chemistry A</i> , 2016, 120, 7859-7864.	2.5	10
15	Significant Chiral Signal Amplification of Langmuir Monolayers Probed by Second Harmonic Generation. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 1719-1723.	4.6	19
16	In Situ Measurement of the Supramolecular Chirality in the Langmuir Monolayers of Achiral Porphyrins at the Air/Aqueous Interface by Second Harmonic Generation Linear Dichroism. <i>Journal of Physical Chemistry C</i> , 2014, 118, 6726-6733.	3.1	35
17	Nonequilibrium Adsorption and Reorientation Dynamics of Molecules at Electrode/Electrolyte Interfaces Probed via Real-Time Second Harmonic Generation. <i>Journal of Physical Chemistry C</i> , 2013, 117, 1392-1400.	3.1	11
18	Heterochiral Domain Formation in Homochiral $\hat{\pm}$ -Dipalmitoylphosphatidylcholine (DPPC) Langmuir Monolayers at the Air/Water Interface. <i>Journal of Physical Chemistry C</i> , 2012, 116, 14863-14872.	3.1	8