

Woongmo Sung

List of Publications by Year in descending order

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papers

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757
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of Electric Double Layer under Cationic Langmuir Monolayer: Charge Condensation Effect. Journal of Physical Chemistry Letters, 2021, 12, 3417-3423.	4.6	6
2	Preferred orientations of organic cations at lead-halide perovskite interfaces revealed using vibrational sum-frequency spectroscopy. Materials Horizons, 2020, 7, 1348-1357.	12.2	15
3	Molecular mechanism of charge inversion revealed by polar orientation of interfacial water molecules: A heterodyne-detected vibrational sum frequency generation study. Journal of Chemical Physics, 2018, 149, 024703.	3.0	19
4	Binding of trivalent ions on fatty acid Langmuir monolayer: Fe ³⁺ versus La ³⁺ . Journal of Chemical Physics, 2018, 149, 163304.	3.0	20
5	Salt Promotes Protonation of Amine Groups at Air/Water Interface. Journal of Physical Chemistry Letters, 2017, 8, 3601-3606.	4.6	19
6	Observation of isolated ionic liquid cations and water molecules in an inert solvent. Physical Chemistry Chemical Physics, 2016, 18, 27529-27535.	2.8	5
7	Origin of the Instability of Octadecylamine Langmuir Monolayer at Low pH. Langmuir, 2015, 31, 13753-13758.	3.5	27
8	Specificity and Variation of Length Scale over Which Monovalent Halide Ions Neutralize a Charged Interface. Journal of Physical Chemistry C, 2015, 119, 7130-7137.	3.1	23
9	Structures of ionic liquid-water mixtures investigated by IR and NMR spectroscopy. Physical Chemistry Chemical Physics, 2014, 16, 9591-9601.	2.8	195
10	Two-Dimensional Correlation Analysis of Sum-Frequency Vibrational Spectra of Langmuir Monolayers. Journal of the Optical Society of Korea, 2014, 18, 558-563.	0.6	2
11	Sum-frequency vibrational spectroscopic studies of Langmuir monolayers. Current Applied Physics, 2013, 13, 619-632.	2.4	50
12	Halide Ions Effects on Surface Excess of Long Chain Ionic Liquids Water Solutions. Journal of Physical Chemistry B, 2013, 117, 13884-13892.	2.6	14
13	Different Adsorption Behavior of Rare Earth and Metallic Ion Complexes on Langmuir Monolayers Probed by Sum-Frequency Generation Spectroscopy. Journal of the Optical Society of Korea, 2013, 17, 10-15.	0.6	6
14	Sum-Frequency Spectroscopic Study of Langmuir Monolayers of Lipids Having Oppositely Charged Headgroups. Langmuir, 2010, 26, 18266-18272.	3.5	54
15	Structural change of interfacial water by adsorption of counterions on Langmuir monolayer. , 2009, , .		0
16	'Just Vibing': Coupled Organic and Inorganic Sublattices in Organohalide Perovskite Solar Cells. , 0, , .		0