Xia Li

List of Publications by Year in descending order

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14	183	1040056 9	1058476 14
papers	citations	h-index	g-index

14	14	14	212
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spectral assignment and orientational analysis in a vibrational sum frequency generation study of DPPC monolayers at the air/water interface. Journal of Chemical Physics, 2016, 145, 244707.	3.0	29
2	Successive Adsorption of Cations and Anions of Waterâ€“1-Butyl-3-methylimidazolium Methylsulfate Binary Mixtures at the Airâ€“Liquid Interface Studied by Sum Frequency Generation Vibrational Spectroscopy and Surface Tension Measurements. Journal of Physical Chemistry C, 2016, 120, 12032-12041.	3.1	23
3	Atmospheric pressure reaction cell for operando sum frequency generation spectroscopy of ultrahigh vacuum grown model catalysts. Review of Scientific Instruments, 2018, 89, 045104.	1.3	17
4	Toward Unraveling the Puzzle of Sum Frequency Generation Spectra at Interface of Aqueous Methanol Solution: Effects of Concentration-Dependent Hyperpolarizability. Journal of Physical Chemistry C, 2019, 123, 12975-12983.	3.1	17
5	Sum frequency generation spectroscopy in heterogeneous model catalysis: a minireview of CO-related processes. Catalysis Science and Technology, 2021, 11, 12-26.	4.1	16
6	Salt effect on molecular orientation at air/liquid methanol interface. Chinese Chemical Letters, 2016, 27, 535-539.	9.0	15
7	Polarization-Dependent SFG Spectroscopy of Near Ambient Pressure CO Adsorption on Pt(111) and Pd(111) Revisited. Topics in Catalysis, 2018, 61, 751-762.	2.8	11
8	Surface of room temperature ionic liquid [bmim][PF6] studied by polarization- and experimental configuration-dependent sum frequency generation vibrational spectroscopy. Science China Chemistry, 2015, 58, 439-447.	8.2	10
9	The Influence of Sodium Iodide Salt on the Interfacial Properties of Aqueous Methanol Solution by a Combined Molecular Simulation and Sum Frequency Generation Vibrational Spectroscopy Study. Langmuir, 2019, 35, 7050-7059.	3.5	10
10	Coverage-Induced Orientation Change: CO on Ir(111) Monitored by Polarization-Dependent Sum Frequency Generation Spectroscopy and Density Functional Theory. Journal of Physical Chemistry C, 2020, 124, 18102-18111.	3.1	9
11	Orientation and Structure of Ionic Liquid Cation at Air/[bmim][BF4] Aqueous Solution Interface. Chinese Journal of Chemical Physics, 2013, 26, 569-575.	1.3	8
12	Role of refractive index in sum frequency generation intensity of salt solution interfaces. Chinese Chemical Letters, 2015, 26, 1542-1546.	9.0	8
13	A modeling analysis of molecular orientation at interfaces by polarization-dependent sum frequency generation vibrational spectroscopy. Chinese Journal of Catalysis, 2019, 40, 1655-1667.	14.0	7
14	CO Adsorption and Disproportionation on Smooth and Defect-Rich Ir(111). Journal of Physical Chemistry C, 2022, 126, 6578-6589.	3.1	3