

Takakazu Seki

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Accurate molecular orientation at interfaces determined by multimode polarization-dependent heterodyne-detected sum-frequency generation spectroscopy via multidimensional orientational distribution function. <i>Journal of Chemical Physics</i> , 2022, 156, 094703.	3.0	12
2	Polarization-Dependent Sum-Frequency Generation Spectroscopy for Å...ngstrom-Scale Depth Profiling of Molecules at Interfaces. <i>Physical Review Letters</i> , 2022, 128, .	7.8	8
3	Polarization-Dependent Heterodyne-Detected Sum-Frequency Generation Spectroscopy as a Tool to Explore Surface Molecular Orientation and Å...ngstrÅm-Scale Depth Profiling. <i>Journal of Physical Chemistry B</i> , 2022, 126, 6113-6124.	2.6	11
4	Disentangling Sum-Frequency Generation Spectra of the Water Bending Mode at Charged Aqueous Interfaces. <i>Journal of Physical Chemistry B</i> , 2021, 125, 7060-7067.	2.6	18
5	Chiral Recognition of Self-Assembled Peptides on MoS ₂ via Lattice Matching. <i>Langmuir</i> , 2021, 37, 8696-8704.	3.5	8
6	Interfacial Water Structure of Binary Liquid Mixtures Reflects Nonideal Behavior. <i>Journal of Physical Chemistry B</i> , 2021, 125, 10639-10646.	2.6	8
7	<i>In situ</i> bioimaging of <i>Lactobacillus</i> by photoluminescence of MoS ₂ . <i>2D Materials</i> , 2020, 7, 024002.	4.4	5
8	The Bending Mode of Water: A Powerful Probe for Hydrogen Bond Structure of Aqueous Systems. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 8459-8469.	4.6	175
9	Vibrational couplings and energy transfer pathways of water's bending mode. <i>Nature Communications</i> , 2020, 11, 5977.	12.8	50
10	Decoding the molecular water structure at complex interfaces through surface-specific spectroscopy of the water bending mode. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 10934-10940.	2.8	11
11	Photoluminescence of CVD-grown MoS ₂ modified by pH under aqueous solutions toward potential biological sensing. <i>2D Materials</i> , 2020, 7, 034001.	4.4	4
12	Unveiling Heterogeneity of Interfacial Water through the Water Bending Mode. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 6936-6941.	4.6	38
13	Electrochemical Control of Peptide Self-Organization on Atomically Flat Solid Surfaces: A Case Study with Graphite. <i>Langmuir</i> , 2018, 34, 1819-1826.	3.5	16