Takakazu Seki

List of Publications by Year
in descending order

13	364	1163117 8	1125743 13
papers	citations	h-index	g-index

14	14	14	294
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Bending Mode of Water: A Powerful Probe for Hydrogen Bond Structure of Aqueous Systems. Journal of Physical Chemistry Letters, 2020, 11, 8459-8469.	4.6	175
2	Vibrational couplings and energy transfer pathways of waterâ€™s bending mode. Nature Communications, 2020, 11, 5977.	12.8	50
3	Unveiling Heterogeneity of Interfacial Water through the Water Bending Mode. Journal of Physical Chemistry Letters, 2019, 10, 6936-6941.	4.6	38
4	Disentangling Sum-Frequency Generation Spectra of the Water Bending Mode at Charged Aqueous Interfaces. Journal of Physical Chemistry B, 2021, 125, 7060-7067.	2.6	18
5	Electrochemical Control of Peptide Self-Organization on Atomically Flat Solid Surfaces: A Case Study with Graphite. Langmuir, 2018, 34, 1819-1826.	3.5	16
6	Accurate molecular orientation at interfaces determined by multimode polarization-dependent heterodyne-detected sum-frequency generation spectroscopy via multidimensional orientational distribution function. Journal of Chemical Physics, 2022, 156, 094703.	3.0	12
7	Decoding the molecular water structure at complex interfaces through surface-specific spectroscopy of the water bending mode. Physical Chemistry Chemical Physics, 2020, 22, 10934-10940.	2.8	11
8	Polarization-Dependent Heterodyne-Detected Sum-Frequency Generation Spectroscopy as a Tool to Explore Surface Molecular Orientation and Ã…ngstrÃ¶m-Scale Depth Profiling. Journal of Physical Chemistry B, 2022, 126, 6113-6124.	2.6	11
9	Chiral Recognition of Self-Assembled Peptides on MoS₂ via Lattice Matching. Langmuir, 2021, 37, 8696-8704.	3.5	8
10	Interfacial Water Structure of Binary Liquid Mixtures Reflects Nonideal Behavior. Journal of Physical Chemistry B, 2021, 125, 10639-10646.	2.6	8
11	Polarization-Dependent Sum-Frequency Generation Spectroscopy for Ã…ngstrom-Scale Depth Profiling of Molecules at Interfaces. Physical Review Letters, 2022, 128, .	7.8	8
12	In situ bioimaging of Lactobacillus by photoluminescence of MoS₂. 2D Materials, 2020, 7, 024002.	4.4	5
13	Photoluminescence of CVD-grown MoS2 modified by pH under aqueous solutions toward potential biological sensing. 2D Materials, 2020, 7, 034001.	4.4	4