

Wei Liu

List of Publications by Year in descending order

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papers

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694
citing authors

#	ARTICLE	IF	CITATIONS
1	Effective ACE2 peptide nanoparticle conjugation and its binding with the SARS-Cov-2 RBD quantified by dynamic light scattering. <i>Chemical Communications</i> , 2021, 57, 6979-6982.	4.1	8
2	Optical tweezers-controlled hotspot for sensitive and reproducible surface-enhanced Raman spectroscopy characterization of native protein structures. <i>Nature Communications</i> , 2021, 12, 1292.	12.8	67
3	Highly reusable nanoporous silver sheet for sensitive SERS detection of pesticides. <i>Analyst</i> , 2020, 145, 5158-5165.	3.5	26
4	Two dimensional crowding effects on protein folding at interfaces observed by chiral vibrational sum frequency generation spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 22421-22426.	2.8	23
5	Characterization of Surface-Active Biofilm Protein BslA in Self-Assembling Langmuir Monolayer at the Air-Water Interface. <i>Langmuir</i> , 2017, 33, 7548-7555.	3.5	14
6	Flat Drops, Elastic Sheets, and Microcapsules by Interfacial Assembly of a Bacterial Biofilm Protein, BslA. <i>Langmuir</i> , 2017, 33, 13590-13597.	3.5	10
7	Fabrication of Modularly Functionalizable Microcapsules Using Protein-Based Technologies. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 1856-1861.	5.2	23
8	A narrow amide I vibrational band observed by sum frequency generation spectroscopy reveals highly ordered structures of a biofilm protein at the air/water interface. <i>Chemical Communications</i> , 2016, 52, 2956-2959.	4.1	24
9	Triblock peptide-linker-lipid molecular design improves potency of peptide ligands targeting family B G protein-coupled receptors. <i>Chemical Communications</i> , 2015, 51, 6157-6160.	4.1	9
10	Biological Macromolecules at Interfaces Probed by Chiral Vibrational Sum Frequency Generation Spectroscopy. <i>Chemical Reviews</i> , 2014, 114, 8471-8498.	47.7	224
11	Lipid Compositions Modulate Fluidity and Stability of Bilayers: Characterization by Surface Pressure and Sum Frequency Generation Spectroscopy. <i>Langmuir</i> , 2013, 29, 15022-15031.	3.5	43
12	Study of the Aggregation of Human Insulin Langmuir Monolayer. <i>Langmuir</i> , 2012, 28, 3369-3377.	3.5	15
13	Surface Chemistry and Spectroscopy of Human Insulin Langmuir Monolayer. <i>Journal of Physical Chemistry B</i> , 2012, 116, 10205-10212.	2.6	21