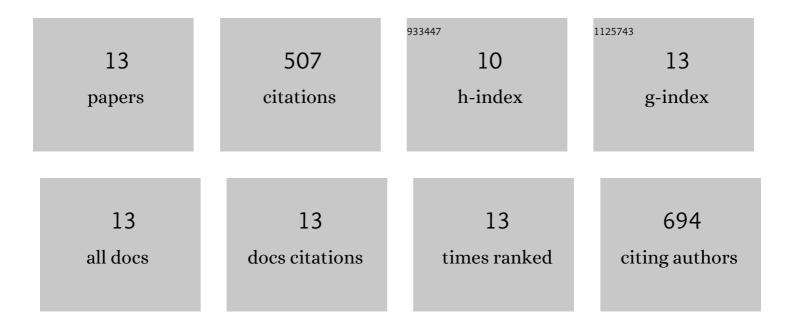
Wei Liu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4930660/publications.pdf Version: 2024-02-01



\X/ELLII

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