

Wei Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4930660/publications.pdf>

Version: 2024-02-01

13
papers

507
citations

933447

10
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

694
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Biological Macromolecules at Interfaces Probed by Chiral Vibrational Sum Frequency Generation Spectroscopy. <i>Chemical Reviews</i> , 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. <i>Nature Communications</i> , 2021, 12, 1292. | 12.8 | 67 |
| 3 | 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 |
| 4 | Highly reusable nanoporous silver sheet for sensitive SERS detection of pesticides. <i>Analyst</i> , 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. <i>Chemical Communications</i> , 2016, 52, 2956-2959. | 4.1 | 24 |
| 6 | Fabrication of Modularly Functionalizable Microcapsules Using Protein-Based Technologies. <i>ACS Biomaterials Science and Engineering</i> , 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. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 22421-22426. | 2.8 | 23 |
| 8 | Surface Chemistry and Spectroscopy of Human Insulin Langmuir Monolayer. <i>Journal of Physical Chemistry B</i> , 2012, 116, 10205-10212. | 2.6 | 21 |
| 9 | Study of the Aggregation of Human Insulin Langmuir Monolayer. <i>Langmuir</i> , 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. <i>Langmuir</i> , 2017, 33, 7548-7555. | 3.5 | 14 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |