

Pei Yang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Observing a Model Ion Channel Gating Action in Model Cell Membranes in Real Time in Situ: Membrane Potential Change Induced Alamethicin Orientation Change. <i>Journal of the American Chemical Society</i> , 2012, 134, 6237-6243.	13.7	88
2	Membrane Orientation of MSI-78 Measured by Sum Frequency Generation Vibrational Spectroscopy. <i>Langmuir</i> , 2011, 27, 7760-7767.	3.5	78
3	Heterotrimeric G protein α_1 α_2 subunits change orientation upon complex formation with G protein-coupled receptor kinase 2 (GRK2) on a model membrane. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, E667-73.	7.1	77
4	Molecular Orientation of Enzymes Attached to Surfaces through Defined Chemical Linkages at the Solid-Liquid Interface. <i>Journal of the American Chemical Society</i> , 2013, 135, 12660-12669.	13.7	73
5	Limiting an Antimicrobial Peptide to the Lipid-Water Interface Enhances Its Bacterial Membrane Selectivity: A Case Study of MSI-367. <i>Biochemistry</i> , 2010, 49, 10595-10605.	2.5	64
6	Membrane Orientation of α_1 α_2 and α_1 α_2 Determined via Combined Vibrational Spectroscopic Studies. <i>Journal of the American Chemical Society</i> , 2013, 135, 5044-5051.	13.7	43
7	Effect of immobilization site on the orientation and activity of surface-tethered enzymes. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 1021-1029.	2.8	43
8	Single Lipid Bilayers Constructed on Polymer Cushion Studied by Sum Frequency Generation Vibrational Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2011, 115, 7613-7620.	3.1	39
9	Dependence of Alamethicin Membrane Orientation on the Solution Concentration. <i>Journal of Physical Chemistry C</i> , 2013, 117, 3358-3365.	3.1	34
10	Interfacial ordering of thermotropic liquid crystals triggered by the secondary structures of oligopeptides. <i>Chemical Communications</i> , 2015, 51, 16844-16847.	4.1	31
11	Surface Orientation Control of Site-Specifically Immobilized Nitro-reductase (NfsB). <i>Langmuir</i> , 2014, 30, 5930-5938.	3.5	29
12	Lipid Fluid-Gel Phase Transition Induced Alamethicin Orientational Change Probed by Sum Frequency Generation Vibrational Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2013, 117, 17039-17049.	3.1	25
13	Investigation of Drug-Model Cell Membrane Interactions Using Sum Frequency Generation Vibrational Spectroscopy: A Case Study of Chlorpromazine. <i>Journal of Physical Chemistry C</i> , 2014, 118, 17538-17548.	3.1	24
14	Membrane Orientation and Binding Determinants of G Protein-Coupled Receptor Kinase 5 as Assessed by Combined Vibrational Spectroscopic Studies. <i>PLoS ONE</i> , 2013, 8, e82072.	2.5	23
15	Molecular Interactions between Amantadine and Model Cell Membranes. <i>Langmuir</i> , 2014, 30, 8491-8499.	3.5	20
16	Immobilization of enzyme on a polymer surface. <i>Surface Science</i> , 2016, 648, 53-59.	1.9	13
17	Effect of Lipid Composition on the Membrane Orientation of the G Protein-Coupled Receptor Kinase 2 α_1 α_2 Complex. <i>Biochemistry</i> , 2016, 55, 2841-2848.	2.5	12
18	Low-Volatility Model Demonstrates Humidity Affects Environmental Toxin Deposition on Plastics at a Molecular Level. <i>Environmental Science & Technology</i> , 2016, 50, 1304-1312.	10.0	12