

Qiuming Wang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,422
citations

361413

20
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

2325
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Interactions between Graphene and Biological Molecules. <i>Journal of the American Chemical Society</i> , 2017, 139, 1928-1936.	13.7	96
2	Engineered Surface-Immobilized Enzyme that Retains High Levels of Catalytic Activity in Air. <i>Journal of the American Chemical Society</i> , 2017, 139, 2872-2875.	13.7	37
3	Effect of Surface Crowding and Surface Hydrophilicity on the Activity, Stability and Molecular Orientation of a Covalently Tethered Enzyme. <i>Langmuir</i> , 2017, 33, 7152-7159.	3.5	28
4	Orientation Determination of a Hybrid Peptide Immobilized on CVD-Based Reactive Polymer Surfaces. <i>Journal of Physical Chemistry C</i> , 2016, 120, 19078-19086.	3.1	12
5	Interfacial Behaviors of Antimicrobial Peptide Cecropin P1 Immobilized on Different Self-Assembled Monolayers. <i>Journal of Physical Chemistry C</i> , 2015, 119, 22542-22551.	3.1	20
6	Probing the weak interaction of proteins with neutral and zwitterionic antifouling polymers. <i>Acta Biomaterialia</i> , 2014, 10, 751-760.	8.3	68
7	Binding characteristics between polyethylene glycol (PEG) and proteins in aqueous solution. <i>Journal of Materials Chemistry B</i> , 2014, 2, 2983.	5.8	149
8	Cross-Sequence Interactions between Human and Rat Islet Amyloid Polypeptides. <i>Langmuir</i> , 2014, 30, 5193-5201.	3.5	20
9	De Novo Design of Self-Assembled Hexapeptides as β -Amyloid ($A\beta$) Peptide Inhibitors. <i>ACS Chemical Neuroscience</i> , 2014, 5, 972-981.	3.5	41
10	Probing structure-antifouling activity relationships of polyacrylamides and polyacrylates. <i>Biomaterials</i> , 2013, 34, 4714-4724.	11.4	77
11	Molecular interactions of Alzheimer amyloid- β oligomers with neutral and negatively charged lipid bilayers. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 8878.	2.8	53
12	Tanshinones Inhibit Amyloid Aggregation by Amyloid- β Peptide, Disaggregate Amyloid Fibrils, and Protect Cultured Cells. <i>ACS Chemical Neuroscience</i> , 2013, 4, 1004-1015.	3.5	180
13	Synthesis and characterization of pH-sensitive poly(N-2-hydroxyethyl acrylamide)-acrylic acid (poly(HEAA/AA)) nanogels with antifouling protection for controlled release. <i>Soft Matter</i> , 2012, 8, 7848.	2.7	81
14	Structure, Orientation, and Surface Interaction of Alzheimer Amyloid- β Peptides on the Graphite. <i>Langmuir</i> , 2012, 28, 6595-6605.	3.5	72
15	Molecular Dynamics Simulations of Low-Ordered Alzheimer β -Amyloid Oligomers from Dimer to Hexamer on Self-Assembled Monolayers. <i>Langmuir</i> , 2011, 27, 14876-14887.	3.5	57
16	Effect of Film Thickness on the Antifouling Performance of Poly(hydroxy-functional methacrylates) Grafted Surfaces. <i>Langmuir</i> , 2011, 27, 4906-4913.	3.5	201
17	Structural, morphological, and kinetic studies of β -amyloid peptide aggregation on self-assembled monolayers. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 15200.	2.8	96
18	Structural Determination of $A\beta_{25-35}$ Micelles by Molecular Dynamics Simulations. <i>Biophysical Journal</i> , 2010, 99, 666-674.	0.5	23

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19	Molecular Modeling of Two Distinct Triangular Oligomers in Amyloid β -protein. Journal of Physical Chemistry B, 2010, 114, 463-470.	2.6	32
20	Alzheimer $A\beta_{42}$ Monomer Adsorbed on the Self-Assembled Monolayers. Langmuir, 2010, 26, 12722-12732.	3.5	39
21	Comparative Molecular Dynamics Study of $A\beta$ Adsorption on the Self-Assembled Monolayers. Langmuir, 2010, 26, 3308-3316.	3.5	40