Qiuming Wang

List of Publications by Year
in descending order

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Version: 2024-02-01

21	1,422	361413	713466
papers	citations	20 h-index	21 g-index

21	21	21	2325
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of Film Thickness on the Antifouling Performance of Poly(hydroxy-functional methacrylates) Grafted Surfaces. Langmuir, 2011, 27, 4906-4913.	3.5	201
2	Tanshinones Inhibit Amyloid Aggregation by Amyloid-Î² Peptide, Disaggregate Amyloid Fibrils, and Protect Cultured Cells. ACS Chemical Neuroscience, 2013, 4, 1004-1015.	3.5	180
3	Binding characteristics between polyethylene glycol (PEG) and proteins in aqueous solution. Journal of Materials Chemistry B, 2014, 2, 2983.	5.8	149
4	Structural, morphological, and kinetic studies of Î²-amyloid peptide aggregation on self-assembled monolayers. Physical Chemistry Chemical Physics, 2011, 13, 15200.	2.8	96
5	Molecular Interactions between Graphene and Biological Molecules. Journal of the American Chemical Society, 2017, 139, 1928-1936.	13.7	96
6	Synthesis and characterization of pH-sensitive poly(N-2-hydroxyethyl acrylamide)â€“acrylic acid (poly(HEAA/AA)) nanogels with antifouling protection for controlled release. Soft Matter, 2012, 8, 7848.	2.7	81
7	Probing structureâ€“antifouling activity relationships of polyacrylamides and polyacrylates. Biomaterials, 2013, 34, 4714-4724.	11.4	77
8	Structure, Orientation, and Surface Interaction of Alzheimer Amyloid-Î² Peptides on the Graphite. Langmuir, 2012, 28, 6595-6605.	3.5	72
9	Probing the weak interaction of proteins with neutral and zwitterionic antifouling polymers. Acta Biomaterialia, 2014, 10, 751-760.	8.3	68
10	Molecular Dynamics Simulations of Low-Ordered Alzheimer Î²-Amyloid Oligomers from Dimer to Hexamer on Self-Assembled Monolayers. Langmuir, 2011, 27, 14876-14887.	3.5	57
11	Molecular interactions of Alzheimer amyloid-Î² oligomers with neutral and negatively charged lipid bilayers. Physical Chemistry Chemical Physics, 2013, 15, 8878.	2.8	53
12	De Novo Design of Self-Assembled Hexapeptides as Î²-Amyloid (AÎ²) Peptide Inhibitors. ACS Chemical Neuroscience, 2014, 5, 972-981.	3.5	41
13	Comparative Molecular Dynamics Study of AÎ² Adsorption on the Self-Assembled Monolayers. Langmuir, 2010, 26, 3308-3316.	3.5	40
14	Alzheimer AÎ²_{1â^'42} Monomer Adsorbed on the Self-Assembled Monolayers. Langmuir, 2010, 26, 12722-12732.	3.5	39
15	Engineered Surface-Immobilized Enzyme that Retains High Levels of Catalytic Activity in Air. Journal of the American Chemical Society, 2017, 139, 2872-2875.	13.7	37
16	Molecular Modeling of Two Distinct Triangular Oligomers in Amyloid Î²-protein. Journal of Physical Chemistry B, 2010, 114, 463-470.	2.6	32
17	Effect of Surface Crowding and Surface Hydrophilicity on the Activity, Stability and Molecular Orientation of a Covalently Tethered Enzyme. Langmuir, 2017, 33, 7152-7159.	3.5	28
18	Structural Determination of AÎ²25â€“35 Micelles by Molecular Dynamics Simulations. Biophysical Journal, 2010, 99, 666-674.	0.5	23

#	Article	IF	Citations
19	Cross-Sequence Interactions between Human and Rat Islet Amyloid Polypeptides. Langmuir, 2014, 30, 5193-5201.	3.5	20
20	Interfacial Behaviors of Antimicrobial Peptide Cecropin P1 Immobilized on Different Self-Assembled Monolayers. Journal of Physical Chemistry C, 2015, 119, 22542-22551.	3.1	20
21	Orientation Determination of a Hybrid Peptide Immobilized on CVD-Based Reactive Polymer Surfaces. Journal of Physical Chemistry C, 2016, 120, 19078-19086.	3.1	12