

Xiaoxi Chen

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

5,102
citations

759233

12
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

6557
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural engineering principles of electron tunnelling in biological oxidation-reduction. <i>Nature</i> , 1999, 402, 47-52.	27.8	3,387
2	Zwitterionic SAMs that Resist Nonspecific Adsorption of Protein from Aqueous Buffer. <i>Langmuir</i> , 2001, 17, 2841-2850.	3.5	713
3	Molecular Rectification in a Metal-Insulator-Metal Junction Based on Self-Assembled Monolayers. <i>Journal of the American Chemical Society</i> , 2002, 124, 11730-11736.	13.7	232
4	A Novel Design of Artificial Membrane for Improving the PAMPA Model. <i>Pharmaceutical Research</i> , 2008, 25, 1511-1520.	3.5	198
5	Redox Properties of Cytochrome c Adsorbed on Self-Assembled Monolayers: A Probe for Protein Conformation and Orientation. <i>Langmuir</i> , 2002, 18, 7009-7015.	3.5	176
6	A Prototype Two-Dimensional Capillary Electrophoresis System Fabricated in Poly(dimethylsiloxane). <i>Analytical Chemistry</i> , 2002, 74, 1772-1778.	6.5	153
7	Electrochemistry of Self-Assembled Monolayers of Iron Protoporphyrin IX Attached to Modified Gold Electrodes through Thioether Linkage. <i>Journal of Physical Chemistry B</i> , 2000, 104, 2868-2877.	2.6	79
8	De Novo Design of a Cytochrome b Maquette for Electron Transfer and Coupled Reactions on Electrodes. <i>Journal of Physical Chemistry B</i> , 2002, 106, 617-624.	2.6	42
9	Molecular Orientation of Langmuir-Blodgett Films of Designed Heme Protein and Lipoprotein Maquettes. <i>Journal of Physical Chemistry B</i> , 1998, 102, 6425-6432.	2.6	28
10	X-ray Scattering Studies of Maquette Peptide Monolayers. 1. Reflectivity and Grazing Incidence Diffraction at the Air/Water Interface. <i>Langmuir</i> , 2000, 16, 10404-10418.	3.5	24
11	Sample Preparation for MALDI Mass Spectrometry Using an Elastomeric Device Reversibly Sealed on the MALDI Target. <i>Analytical Chemistry</i> , 2006, 78, 6160-6168.	6.5	19
12	Engineering Oriented Heme Protein Maquette Monolayers through Surface Residue Charge Distribution Patterns. <i>Journal of Physical Chemistry B</i> , 1999, 103, 9029-9037.	2.6	12
13	Electron Transfer in Natural Proteins Theory and Design. <i>Sub-Cellular Biochemistry</i> , 2000, 35, 1-28.	2.4	11
14	X-ray Scattering Studies of Maquette Peptide Monolayers. 2. Interferometry at the Vapor/Solid Interface. <i>Langmuir</i> , 2001, 17, 1193-1199.	3.5	10
15	Assembly of a Vectorially Oriented Four-Helix Bundle at the Air/Water Interface via Directed Electrostatic Interactions. <i>Langmuir</i> , 2003, 19, 1515-1521.	3.5	7
16	Molecular Electronics with a Metal-Insulator-Metal Junction Based on Self-Assembled Monolayers. <i>ACS Symposium Series</i> , 2003, , 16-35.	0.5	6