Xiang

List of Publications by Year
in descending order

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22 papers	1,081 citations	471509 17 h-index	677142 22 g-index
22 all docs	22 docs citations	22 times ranked	1670 citing authors

#	ARTICLE	IF	CITATIONS
1	Two coexisting liquid phases in switchable ionic liquids. Physical Chemistry Chemical Physics, 2017, 19, 22627-22632.	2.8	23
2	A Highly Sensitive Nonenzymatic Glucose Biosensor Based on the Regulatory Effect of Glucose on Electrochemical Behaviors of Colloidal Silver Nanoparticles on MoS2. Sensors, 2017, 17, 1807.	3.8	46
3	In Situ Atomic Force Microscopy Studies on Nucleation and Self-Assembly of Biogenic and Bio-Inspired Materials. Minerals (Basel, Switzerland), 2017, 7, 158.	2.0	10
4	Chemical imaging of molecular changes in a hydrated single cell by dynamic secondary ion mass spectrometry and super-resolution microscopy. Integrative Biology (United Kingdom), 2016, 8, 635-644.	1.3	48
5	Two-dimensional and three-dimensional dynamic imaging of live biofilms in a microchannel by time-of-flight secondary ion mass spectrometry. Biomicrofluidics, 2015, 9, 031101.	2.4	36
6	The Tripartite Virions of the Brome Mosaic Virus Have Distinct Physical Properties That Affect the Timing of the Infection Process. Journal of Virology, 2014, 88, 6483-6491.	3.4	50
7	Physiochemical Properties of Caulobacter crescentus Holdfast: A Localized Bacterial Adhesive. Journal of Physical Chemistry B, 2013, 117, 10492-10503.	2.6	51
8	Fusion of mApple and Venus fluorescent proteins to the Sindbis virus E2 protein leads to different cell-binding properties. Virus Research, 2013, 177, 138-146.	2.2	6
9	An Examination of the Electrostatic Interactions between the N-Terminal Tail of the Brome Mosaic Virus Coat Protein and Encapsidated RNAs. Journal of Molecular Biology, 2012, 419, 284-300.	4.2	83
10	The electron transfer reactivity of kaempferol and its interaction with amino acid residues. Bioelectrochemistry, 2008, 72, 169-173.	4.6	19
11	An approach to assay calcineurin activity and the inhibitory effect of zinc ion. Analytical Biochemistry, 2008, 375, 385-387.	2.4	20
12	Association of HTRA1 polymorphism and bilaterality in advanced age-related macular degeneration. Vision Research, 2008, 48, 690-694.	1.4	43
13	Further mapping of 10q26 supports strong association of HTRA1 polymorphisms with age-related macular degeneration. Vision Research, 2008, 48, 685-689.	1.4	44
14	Familial aggregation of age-related macular degeneration in the Utah population. Vision Research, 2008, 48, 494-500.	1.4	21
15	Toll-like Receptor 3 and Geographic Atrophy in Age-Related Macular Degeneration. New England Journal of Medicine, 2008, 359, 1456-1463.	27.0	209
16	Genetic association of LOXL1 gene variants and exfoliation glaucoma in a Utah cohort. Cell Cycle, 2008, 7, 521-524.	2.6	56
17	Promoter polymorphism of the erythropoietin gene in severe diabetic eye and kidney complications. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 6998-7003.	7.1	184
18	An Electrochemical Study of Myoglobin Entrapped in Three Kinds of Films. Sensor Letters, 2007, 5, 463-466.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Electrochemistry and electrocatalytic properties of heme proteins incorporated in lipopolysaccharide films. Journal of Analytical Chemistry, 2006, 61, 669-672.	0.9	5
20	A third-generation hydrogen peroxide biosensor fabricated with hemoglobin and Triton X-100. Sensors and Actuators B: Chemical, 2005, 106, 284-288.	7.8	51
21	Electrochemical studies on polysorbateâ€20 (Tween 20)â€entrapped haemoglobin and its application in a hydrogen peroxide biosensor. Biotechnology and Applied Biochemistry, 2005, 41, 279-282.	3.1	5
22	Direct electrochemistry and electrocatalysis of hemoglobin in poly-3-hydroxybutyrate membrane. Biosensors and Bioelectronics, 2005, 20, 1836-1842.	10.1	70