

Jie Dai

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

236
citations

1163117

8
h-index

996975

15
g-index

21
all docs

21
docs citations

21
times ranked

358
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction of Human Serum Albumin with Indomethacin: Spectroscopic and Molecular Modeling Studies. <i>Journal of Solution Chemistry</i> , 2012, 41, 422-435.	1.2	40
2	Mitochondrial dysfunction induced by different concentrations of gadolinium ion. <i>Chemosphere</i> , 2014, 100, 194-199.	8.2	35
3	Spectroscopic Studies on the Interaction of 2,4-Dichlorophenol with Bovine Serum Albumin. <i>Journal of Solution Chemistry</i> , 2010, 39, 495-510.	1.2	20
4	Investigation of the interaction between quercetin and human serum albumin by multiple spectra, electrochemical impedance spectra and molecular modeling. <i>Luminescence</i> , 2014, 29, 1154-1161.	2.9	18
5	Pretreatment of printing and dyeing wastewater by Fe/C micro-electrolysis combined with H ₂ O ₂ process. <i>Water Science and Technology</i> , 2018, 2017, 707-717.	2.5	15
6	The effects of different carriers on removal performance and membrane fouling by HMBR in treating sewage with low carbon-to-nitrogen ratio. <i>Chemical Engineering Research and Design</i> , 2016, 102, 768-776.	5.6	13
7	Investigations on the interactions between naphthalimide-based anti-tumor drugs and human serum albumin by spectroscopic and molecular modeling methods. <i>Luminescence</i> , 2016, 31, 88-95.	2.9	12
8	High Concentration of Gadolinium Ion Modifying Isolated Rice Mitochondrial Biogenesis. <i>Biological Trace Element Research</i> , 2013, 156, 308-315.	3.5	10
9	Microcalorimetric Investigation on Metabolic Activity and Effects of La (III) in Mitochondria Isolated from Indica Rice 9311. <i>Biological Trace Element Research</i> , 2008, 121, 60-68.	3.5	8
10	Microcalorimetric Investigation on Effects of La ^{III} on Metabolic Activity of Mitochondria Isolated from Hybrid Rice. <i>Chemistry and Biodiversity</i> , 2008, 5, 2684-2689.	2.1	8
11	Effect of Ce(III) on Heat Production of Mitochondria Isolated from Hybrid Rice. <i>Biological Trace Element Research</i> , 2011, 143, 1142-1148.	3.5	8
12	Investigation of the Inhibition of Cyanide on Metabolism of Fish Liver Mitochondria by Microcalorimetry. <i>Chinese Journal of Chemistry</i> , 2006, 24, 627-630.	4.9	6
13	Interaction of 2-(1-Carboxyethylidene)salicylhydrazide with Bovine Serum Albumin. <i>Chinese Journal of Chemistry</i> , 2008, 26, 1023-1029.	4.9	6
14	Microcalorimetric Study of the Effect of Ce ^{III} on Metabolic Activity of Mitochondria Isolated from Indica Rice 9311. <i>Chemistry and Biodiversity</i> , 2008, 5, 1321-1326.	2.1	6
15	Dysfunction of Rice Mitochondrial Membrane Induced by Yb ³⁺ . <i>Journal of Membrane Biology</i> , 2015, 248, 1159-1165.	2.1	6
16	Bioenergetic Investigation of the Effects of La(III) and Ca(II) on the Metabolic Activity of <i>Tetrahymena thermophila</i> BF5. <i>Biological Trace Element Research</i> , 2008, 122, 148-156.	3.5	5
17	Membrane Permeability Transition and Dysfunction of Rice Mitochondria Effected by Er(III). <i>Journal of Membrane Biology</i> , 2015, 248, 39-46.	2.1	5
18	3DEEM spectroscopy analysis to assess the EPS composition in different carriers in HMBR systems. <i>Water Science and Technology</i> , 2016, 74, 2708-2716.	2.5	5

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19	Microcalorimetric Study on the Effect of Sodium Arsenite on Metabolic Activity of Mitochondria Isolated from <i>Carassius auratus</i> Liver Tissue. <i>Chinese Journal of Chemistry</i> , 2006, 24, 997-1000.	4.9	4
20	Effects of La(III) and Ca(II) on Isolated <i>Carassius auratus</i> Liver Mitochondria: Heat Production and Mitochondrial Permeability Transition. <i>Biological Trace Element Research</i> , 2015, 163, 217-223.	3.5	4
21	Study on Biological Effects of La ³⁺ on Rat Liver Mitochondria by Microcalorimetric and Spectroscopic Methods. <i>Biological Trace Element Research</i> , 2015, 167, 63-69.	3.5	2