

Jian-Cheng Jin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/92398/publications.pdf>

Version: 2024-02-01

17
papers

734
citations

623734

14
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

1326
citing authors

#	ARTICLE	IF	CITATIONS
1	N,S-Codoped Carbon Dots with Red Fluorescence and Their Cellular Imaging. ACS Applied Bio Materials, 2021, 4, 4973-4981.	4.6	18
2	Molecular Mechanisms of the Ultra-Strong Inhibition Effect of Oxidized Carbon Dots on Human Insulin Fibrillation. ACS Applied Bio Materials, 2020, 3, 217-226.	4.6	17
3	Single-step synthesis of highly photoluminescent carbon dots for rapid detection of Hg ²⁺ with excellent sensitivity. Journal of Colloid and Interface Science, 2019, 551, 101-110.	9.4	93
4	Fluorescent protein nanoparticles: Synthesis and recognition of cellular oxidation damage. Colloids and Surfaces B: Biointerfaces, 2019, 177, 219-227.	5.0	2
5	Mechanistic studies on the antibacterial behavior of Ag nanoparticles decorated with carbon dots having different oxidation degrees. Environmental Science: Nano, 2019, 6, 1168-1179.	4.3	27
6	Mitochondrial toxicity induced by a thiourea gold(i) complex: mitochondrial permeability transition and respiratory deficit. Toxicology Research, 2018, 7, 1081-1090.	2.1	7
7	Ultrasmall silver nanoclusters: Highly efficient antibacterial activity and their mechanisms. Biomaterials Science, 2017, 5, 247-257.	5.4	73
8	Carbon dots reduced and stabilized silver nanoclusters: synthesis and formation mechanisms. RSC Advances, 2016, 6, 76989-76995.	3.6	16
9	Morphology effect of polythiophene catalysts on photo-degradation of methylene blue. RSC Advances, 2016, 6, 74968-74972.	3.6	10
10	Mitochondrial dysfunction induced by ultra-small silver nanoclusters with a distinct toxic mechanism. Journal of Hazardous Materials, 2016, 308, 139-148.	12.4	36
11	Interactions between carbon nanodots with human serum albumin and \hat{I}^3 -globulins: The effects on the transportation function. Journal of Hazardous Materials, 2016, 301, 242-249.	12.4	105
12	Mechanistic studies on the reversible photophysical properties of carbon nanodots at different pH. Colloids and Surfaces B: Biointerfaces, 2015, 130, 207-214.	5.0	29
13	One-step synthesis of silver nanoparticles using carbon dots as reducing and stabilizing agents and their antibacterial mechanisms. Carbon, 2015, 94, 129-141.	10.3	112
14	Necrotic cell death induced by the protein-mediated intercellular uptake of CdTe quantum dots. Chemosphere, 2015, 135, 240-249.	8.2	46
15	Highly Photoluminescent Nitrogen-Doped Carbon Nanodots and Their Protective Effects against Oxidative Stress on Cells. ACS Applied Materials & Interfaces, 2015, 7, 28346-28352.	8.0	81
16	Mitochondrial dysfunction induced by different concentrations of gadolinium ion. Chemosphere, 2014, 100, 194-199.	8.2	35
17	The interactions between CdSe quantum dots and yeast Saccharomyces cerevisiae: Adhesion of quantum dots to the cell surface and the protection effect of ZnS shell. Chemosphere, 2014, 112, 92-99.	8.2	27