Jingyan Zhang

List of Publications by Year
in descending order

32 papers	4,063 citations	516561 16 h-index	434063 31 g-index
32 all docs	32 docs citations	32 times ranked	7673 citing authors

#	Article	IF	Citations
1	Reduction of graphene oxide via<scp>l</scp>-ascorbic acid. Chemical Communications, 2010, 46, 1112-1114.	2.2	2,098
2	Photo-Fenton Reaction of Graphene Oxide: A New Strategy to Prepare Graphene Quantum Dots for DNA Cleavage. ACS Nano, 2012, 6, 6592-6599.	7.3	478
3	Reducing Graphene Oxide via Hydroxylamine: A Simple and Efficient Route to Graphene. Journal of Physical Chemistry C, 2011, 115, 11957-11961.	1.5	304
4	Horseradish Peroxidase Immobilized on Graphene Oxide: Physical Properties and Applications in Phenolic Compound Removal. Journal of Physical Chemistry C, 2010, 114, 8469-8473.	1.5	204
5	Interactions of graphene and graphene oxide with proteins and peptides. Nanotechnology Reviews, 2013, 2, 27-45.	2.6	198
6	Insight into the Cellular Internalization and Cytotoxicity of Graphene Quantum Dots. Advanced Healthcare Materials, 2013, 2, 1613-1619.	3.9	182
7	Effect of Lateral Size of Graphene Quantum Dots on Their Properties and Application. ACS Applied Materials & Interfaces, 2016, 8, 2104-2110.	4.0	95
8	Composite of graphene quantum dots and Fe₃O₄nanoparticles: peroxidase activity and application in phenolic compound removal. RSC Advances, 2014, 4, 3299-3305.	1.7	81
9	Graphene quantum dots enhance anticancer activity of cisplatin via increasing its cellular and nuclear uptake. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 1997-2006.	1.7	71
10	Selective oxidation of veratryl alcohol with composites of Au nanoparticles and graphene quantum dots as catalysts. Chemical Communications, 2015, 51, 6318-6321.	2.2	67
11	Stabilization and Induction of Oligonucleotide i-Motif Structure via Graphene Quantum Dots. ACS Nano, 2013, 7, 531-537.	7.3	50
12	Vacuolization in Cytoplasm and Cell Membrane Permeability Enhancement Triggered by Micrometer-Sized Graphene Oxide. ACS Nano, 2015, 9, 7913-7924.	7.3	39
13	Graphene Quantum Dots Downregulate Multiple MultidrugâEResistant Genes via Interacting with Their CâERich Promoters. Advanced Healthcare Materials, 2017, 6, 1700328.	3.9	30
14	Composites of Graphene Quantum Dots and Reduced Graphene Oxide as Catalysts for Nitroarene Reduction. ACS Omega, 2017, 2, 7293-7298.	1.6	27
15	Nuclease Activity and Cytotoxicity Enhancement of the DNA Intercalators via Graphene Oxide. Journal of Physical Chemistry C, 2012, 116, 15839-15846.	1.5	26
16	Graphene quantum dots in photodynamic therapy. Nanoscale Advances, 2020, 2, 4961-4967.	2.2	21
17	A novel urinary oxalate determination method via a catalase model compound with oxalate oxidase. Analytical Methods, 2010, 2, 254-258.	1.3	14
18	Visualization of the pHâEdependent dynamic distribution of G2A in living cells. FASEB Journal, 2014, 28, 3965-3974.	0.2	11

#	Article	IF	Citations
19	Interactions of the primers and Mg²⁺with graphene quantum dots enhance PCR performance. RSC Advances, 2015, 5, 74515-74522.	1.7	9
20	Three-dimensional composite of Co₃O₄ nanoparticles and nitrogen-doped reduced graphene oxide for lignin model compound oxidation. New Journal of Chemistry, 2018, 42, 11117-11123.	1.4	9
21	Separating graphene quantum dots by lateral size through gel column chromatography. RSC Advances, 2019, 9, 18898-18901.	1.7	8
22	Catalase-like catalytic reaction of the dinuclear manganeseâ€“salen complex. Journal of Coordination Chemistry, 2010, 63, 1611-1618.	0.8	7
23	Graphene quantum dots with Zn²⁺ and Ni²⁺ conjugates can cleave supercoiled DNA. Journal of Coordination Chemistry, 2016, 69, 3395-3402.	0.8	7
24	Direct evidence for the role of imidazole in disproportionation of hydrogen peroxide by a mononuclear manganese salen complex. Transition Metal Chemistry, 2011, 36, 811-817.	0.7	6
25	A facile transport assay for H⁺coupled membrane transport using fluorescence probes. Analytical Methods, 2012, 4, 44-46.	1.3	5
26	Graphene: Insight into the Cellular Internalization and Cytotoxicity of Graphene Quantum Dots (Adv.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.9	3
27	Effect of coordination sphere of the copper center and Cuâ€¦Cu distance on catechol oxidase and nuclease activities of the copper complexes. Applied Organometallic Chemistry, 2014, 28, 372-378.	1.7	3
28	Highly Efficient Cofactors of Cu²⁺â€Dependent Deoxyribozymes. ChemistrySelect, 2017, 2, 3925-3931.	0.7	3
29	Sorting Graphene Quantum Dots by Using Aluminum Ions. European Journal of Inorganic Chemistry, 2017, 2017, 2201-2206.	1.0	3
30	Synthesis, characterization, and polyphenol oxidase activity of Cu^{II}, Mn^{II}, and Fe^{III} complexes with a N₂O₂ ligand. Journal of Coordination Chemistry, 2012, 65, 1278-1288.	0.8	2
31	Inhibition of ferric ion to oxalate oxidase shed light on the substrate binding site. BioMetals, 2015, 28, 861-868.	1.8	2
32	A 1,2,4â€Triazoleâ€based Polynuclear Mixedâ€valence Mn^{II}Mn^{III} Complex: Synthesis, Characterization, and Magnetic Property. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 2511-2514.	0.6	0