# Jingyan Zhang

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | Graphene quantum dots in photodynamic therapy. Nanoscale Advances, 2020, 2, 4961-4967. | 2.2 | 21 |
| 2 | Separating graphene quantum dots by lateral size through gel column chromatography. RSC Advances, 2019, 9, 18898-18901. | 1.7 | 8 |
| 3 | Three-dimensional composite of Co<sub>3</sub>O<sub>4</sub> nanoparticles and nitrogen-doped reduced graphene oxide for lignin model compound oxidation. New Journal of Chemistry, 2018, 42, 11117-11123. | 1.4 | 9 |
| 4 | Highly Efficient Cofactors of Cu<sup>2+</sup>â€Dependent Deoxyribozymes. ChemistrySelect, 2017, 2, 3925-3931. | 0.7 | 3 |
| 5 | Sorting Graphene Quantum Dots by Using Aluminum Ions. European Journal of Inorganic Chemistry, 2017, 2017, 2201-2206. | 1.0 | 3 |
| 6 | Composites of Graphene Quantum Dots and Reduced Graphene Oxide as Catalysts for Nitroarene Reduction. ACS Omega, 2017, 2, 7293-7298. | 1.6 | 27 |
| 7 | Graphene Quantum Dots Downregulate Multiple Multidrugâ€Resistant Genes via Interacting with Their Câ€Rich Promoters. Advanced Healthcare Materials, 2017, 6, 1700328. | 3.9 | 30 |
| 8 | 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 |
| 9 | Graphene quantum dots with Zn<sup>2+</sup> and Ni<sup>2+</sup> conjugates can cleave supercoiled DNA. Journal of Coordination Chemistry, 2016, 69, 3395-3402. | 0.8 | 7 |
| 10 | Effect of Lateral Size of Graphene Quantum Dots on Their Properties and Application. ACS Applied Materials & Interfaces, 2016, 8, 2104-2110. | 4.0 | 95 |
| 11 | A 1,2,4â€Triazoleâ€based Polynuclear Mixedâ€valence Mn<sup>II</sup>Mn<sup>III</sup> Complex: Synthesis, Characterization, and Magnetic Property. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 2511-2514. | 0.6 | 0 |
| 12 | 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 |
| 13 | Vacuolization in Cytoplasm and Cell Membrane Permeability Enhancement Triggered by Micrometer-Sized Graphene Oxide. ACS Nano, 2015, 9, 7913-7924. | 7.3 | 39 |
| 14 | Inhibition of ferric ion to oxalate oxidase shed light on the substrate binding site. BioMetals, 2015, 28, 861-868. | 1.8 | 2 |
| 15 | Interactions of the primers and Mg<sup>2+</sup>with graphene quantum dots enhance PCR performance. RSC Advances, 2015, 5, 74515-74522. | 1.7 | 9 |
| 16 | Composite of graphene quantum dots and Fe<sub>3</sub>O<sub>4</sub>nanoparticles: peroxidase activity and application in phenolic compound removal. RSC Advances, 2014, 4, 3299-3305. | 1.7 | 81 |
| 17 | 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 |
| 18 | Visualization of the pHâ€dependent dynamic distribution of G2A in living cells. FASEB Journal, 2014, 28, 3965-3974. | 0.2 | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Stabilization and Induction of Oligonucleotide i-Motif Structure via Graphene Quantum Dots. ACS Nano, 2013, 7, 531-537. | 7.3 | 50 |
| 20 | Interactions of graphene and graphene oxide with proteins and peptides. Nanotechnology Reviews, 2013, 2, 27-45. | 2.6 | 198 |
| 21 | Insight into the Cellular Internalization and Cytotoxicity of Graphene Quantum Dots. Advanced Healthcare Materials, 2013, 2, 1613-1619. | 3.9 | 182 |
| 22 | Graphene: Insight into the Cellular Internalization and Cytotoxicity of Graphene Quantum Dots (Adv.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf | 3.9 | 3 |
| 23 | A facile transport assay for H<sup>+</sup>coupled membrane transport using fluorescence probes. Analytical Methods, 2012, 4, 44-46. | 1.3 | 5 |
| 24 | Synthesis, characterization, and polyphenol oxidase activity of Cu<sup>II</sup>, Mn<sup>II</sup>, and Fe<sup>III</sup> complexes with a N<sub>2</sub>O<sub>2</sub> ligand. Journal of Coordination Chemistry, 2012, 65, 1278-1288. | 0.8 | 2 |
| 25 | Nuclease Activity and Cytotoxicity Enhancement of the DNA Intercalators via Graphene Oxide. Journal of Physical Chemistry C, 2012, 116, 15839-15846. | 1.5 | 26 |
| 26 | 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 |
| 27 | Reducing Graphene Oxide via Hydroxylamine: A Simple and Efficient Route to Graphene. Journal of Physical Chemistry C, 2011, 115, 11957-11961. | 1.5 | 304 |
| 28 | 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 |
| 29 | Catalase-like catalytic reaction of the dinuclear manganeseâ€“salen complex. Journal of Coordination Chemistry, 2010, 63, 1611-1618. | 0.8 | 7 |
| 30 | 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 |
| 31 | Reduction of graphene oxide via<scp>l</scp>-ascorbic acid. Chemical Communications, 2010, 46, 1112-1114. | 2.2 | 2,098 |
| 32 | A novel urinary oxalate determination method via a catalase model compound with oxalate oxidase. Analytical Methods, 2010, 2, 254-258. | 1.3 | 14 |