

# Peng Zhao

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

761  
citations

567144

15  
h-index

677027

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1485  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Co-assembly strategy for organic/inorganic heterojunctions with intimate interfaces and effective charges separation. <i>Applied Surface Science</i> , 2022, 596, 153589.  | 3.1 | 1         |
| 2  | Rational Optimization of Tether Binding Length between the Redox Groups and the Polymer Backbone in Electroactive Redox Enzyme Nanocapsules for High-Performance Enzymatic Biofuel Cell. <i>ACS Applied Energy Materials</i> , 2021, 4, 5034-5042. | 2.5 | 2         |
| 3  | Sandwich-Type Near-Infrared Conjugated Polymer Nanoparticles for Revealing the Fate of Transplanted Human Umbilical Cord Mesenchymal Stem Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 3512-3520.                              | 4.0 | 5         |
| 4  | Enzymatic biofuel cells based on protein engineering: recent advances and future prospects. <i>Biomaterials Science</i> , 2020, 8, 5230-5240.  | 2.6 | 22        |
| 5  | Fluorescent electronic tongue supported with water-borne polyurethane for the discrimination of nitroaromatics in aqueous solution. <i>Journal of Materials Chemistry C</i> , 2020, 8, 2500-2506.  | 2.7 | 13        |
| 6  | Hyperbranched Conjugated Polymer Dots: The Enhanced Photocatalytic Activity for Visible Light-Driven Hydrogen Production. <i>Macromolecules</i> , 2019, 52, 4376-4384.   | 2.2 | 47        |
| 7  | Fluorescent electronic tongue based on soluble conjugated polymeric nanoparticles for the discrimination of heavy metal ions in aqueous solution. <i>Polymer Chemistry</i> , 2019, 10, 2256-2262.  | 1.9 | 15        |
| 8  | Conjugated Polymer Nanoparticles Based Fluorescent Electronic Nose for the Identification of Volatile Compounds. <i>Analytical Chemistry</i> , 2018, 90, 4815-4822.  | 3.2 | 50        |
| 9  | Controlled synthesis of water-dispersible conjugated polymeric nanoparticles for cellular imaging. <i>European Polymer Journal</i> , 2018, 105, 1-6.   | 2.6 | 3         |
| 10 | Controlled synthesis of soluble conjugated polymeric nanoparticles for fluorescence detection. <i>RSC Advances</i> , 2017, 7, 25740-25745.   | 1.7 | 10        |
| 11 | Combinatorial synthesis of soluble conjugated polymeric nanoparticles and tunable multicolour fluorescence sensing. <i>Polymer Chemistry</i> , 2017, 8, 5734-5740.   | 1.9 | 16        |
| 12 | Size-controlled synthesis of soluble-conjugated microporous polymer nanoparticles through sonogashira polycondensation in confined nanoreactors. <i>Journal of Polymer Science Part A</i> , 2016, 54, 2285-2290.                                   | 2.5 | 17        |
| 13 | Graphene/carbon-coated Fe <sub>3</sub> O <sub>4</sub> nanoparticle hybrids for enhanced lithium storage. <i>Journal of Materials Chemistry A</i> , 2015, 3, 2361-2369.   | 5.2 | 78        |
| 14 | Multifunctional MnO <sub>2</sub> nanosheet-modified Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> /NaYF <sub>4</sub> :Yb, Er nanocomposites as novel drug carriers. <i>Dalton Transactions</i> , 2014, 43, 451-457.                             | 1.6 | 44        |
| 15 | Upconversion fluorescent strip sensor for rapid determination of <i>Vibrio anguillarum</i> . <i>Nanoscale</i> , 2014, 6, 3804-3809.  | 2.8 | 79        |
| 16 | A novel strategy for the aqueous synthesis of down-/up-conversion nanocomposites for dual-modal cell imaging and drug delivery. <i>Journal of Materials Chemistry B</i> , 2014, 2, 8372-8377.  | 2.9 | 18        |
| 17 | 3D nitrogen-doped graphene foams embedded with ultrafine TiO <sub>2</sub> nanoparticles for high-performance lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2014, 2, 11124.  | 5.2 | 78        |
| 18 | Plasmon-enhanced efficient dye-sensitized solar cells using core-shell-structured $\text{I}^2\text{-NaYF}_4\text{:Yb,Er@SiO}_2\text{@Au}$ nanocomposites. <i>Journal of Materials Chemistry A</i> , 2014, 2, 16523-16530.                          | 5.2 | 57        |

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|----|--|-----|-----------|
| 19 | Designed synthesis of graphene@TiO <sub>2</sub> @SnO <sub>2</sub> ternary nanocomposites as lithium-ion anode materials. <i>New Journal of Chemistry</i> , 2013, 37, 3671.                           | 1.4 | 44        |
| 20 | Tailored graphene-encapsulated mesoporous Co <sub>3</sub> O <sub>4</sub> composite microspheres for high-performance lithium ion batteries. <i>Journal of Materials Chemistry</i> , 2012, 22, 17278. | 6.7 | 112       |
| 21 | Facile synthesis of upconversion luminescent mesoporous Y <sub>2</sub> O <sub>3</sub> :Er microspheres and metal enhancement using gold nanoparticles. <i>RSC Advances</i> , 2012, 2, 10592.         | 1.7 | 23        |
| 22 | Solvent-assisted poly(vinyl alcohol) gelled crystalline colloidal array photonic crystals. <i>Soft Matter</i> , 2011, 7, 915-921.  | 1.2 | 27        |