

# Peng Zhao

## List of Publications by Year in descending order

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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	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
2	Upconversion fluorescent strip sensor for rapid determination of <i>Vibrio anguillarum</i> . <i>Nanoscale</i> , 2014, 6, 3804-3809.	2.8	79
3	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
4	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
5	Plasmon-enhanced efficient dye-sensitized solar cells using core-shell-structured <sup>125</sup> I <sup>2</sup> -NaYF <sub>4</sub> :Yb,Er@SiO <sub>2</sub> @Au nanocomposites. <i>Journal of Materials Chemistry A</i> , 2014, 2, 16523-16530.	5.2	57
6	Conjugated Polymer Nanoparticles Based Fluorescent Electronic Nose for the Identification of Volatile Compounds. <i>Analytical Chemistry</i> , 2018, 90, 4815-4822.	3.2	50
7	Hyperbranched Conjugated Polymer Dots: The Enhanced Photocatalytic Activity for Visible Light-Driven Hydrogen Production. <i>Macromolecules</i> , 2019, 52, 4376-4384.	2.2	47
8	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
9	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
10	Solvent-assisted poly(vinyl alcohol) gelled crystalline colloidal array photonic crystals. <i>Soft Matter</i> , 2011, 7, 915-921.	1.2	27
11	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
12	Enzymatic biofuel cells based on protein engineering: recent advances and future prospects. <i>Biomaterials Science</i> , 2020, 8, 5230-5240.	2.6	22
13	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
14	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
15	Combinatorial synthesis of soluble conjugated polymeric nanoparticles and tunable multicolour fluorescence sensing. <i>Polymer Chemistry</i> , 2017, 8, 5734-5740.	1.9	16
16	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
17	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
18	Controlled synthesis of soluble conjugated polymeric nanoparticles for fluorescence detection. <i>RSC Advances</i> , 2017, 7, 25740-25745.	1.7	10

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19	Sandwich-Type Near-Infrared Conjugated Polymer Nanoparticles for Revealing the Fate of Transplanted Human Umbilical Cord Mesenchymal Stem Cells. ACS Applied Materials & Interfaces, 2021, 13, 3512-3520.	4.0	5
20	Controlled synthesis of water-dispersible conjugated polymeric nanoparticles for cellular imaging. European Polymer Journal, 2018, 105, 1-6.	2.6	3
21	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. ACS Applied Energy Materials, 2021, 4, 5034-5042.	2.5	2
22	Co-assembly strategy for organic/inorganic heterojunctions with intimate interfaces and effective charges separation. Applied Surface Science, 2022, 596, 153589.	3.1	1