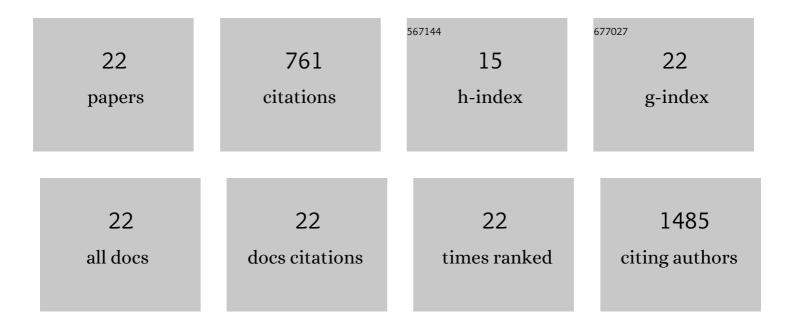
Peng Zhao

List of Publications by Year in descending order

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DENC 7440

#	Article	IF	CITATIONS
1	Tailored graphene-encapsulated mesoporous Co3O4 composite microspheres for high-performance lithium ion batteries. Journal of Materials Chemistry, 2012, 22, 17278.	6.7	112
2	Upconversion fluorescent strip sensor for rapid determination of Vibrio anguillarum. Nanoscale, 2014, 6, 3804-3809.	2.8	79
3	3D nitrogen-doped graphene foams embedded with ultrafine TiO2 nanoparticles for high-performance lithium-ion batteries. Journal of Materials Chemistry A, 2014, 2, 11124.	5.2	78
4	Graphene/carbon-coated Fe ₃ O ₄ nanoparticle hybrids for enhanced lithium storage. Journal of Materials Chemistry A, 2015, 3, 2361-2369.	5.2	78
5	Plasmon-enhanced efficient dye-sensitized solar cells using core–shell-structured β-NaYF ₄ :Yb,Er@SiO ₂ @Au nanocomposites. Journal of Materials Chemistry A, 2014, 2, 16523-16530.	5.2	57
6	Conjugated Polymer Nanoparticles Based Fluorescent Electronic Nose for the Identification of Volatile Compounds. Analytical Chemistry, 2018, 90, 4815-4822.	3.2	50
7	Hyperbranched Conjugated Polymer Dots: The Enhanced Photocatalytic Activity for Visible Light-Driven Hydrogen Production. Macromolecules, 2019, 52, 4376-4384.	2.2	47
8	Designed synthesis of graphene–TiO2–SnO2 ternary nanocomposites as lithium-ion anode materials. New Journal of Chemistry, 2013, 37, 3671.	1.4	44
9	Multifunctional MnO ₂ nanosheet-modified Fe ₃ O ₄ @SiO ₂ /NaYF ₄ :Yb, Er nanocomposites as novel drug carriers. Dalton Transactions, 2014, 43, 451-457.	1.6	44
10	Solvent-assisted poly(vinyl alcohol) gelated crystalline colloidal array photonic crystals. Soft Matter, 2011, 7, 915-921.	1.2	27
11	Facile synthesis of upconversion luminescent mesoporous Y2O3:Er microspheres and metal enhancement using gold nanoparticles. RSC Advances, 2012, 2, 10592.	1.7	23
12	Enzymatic biofuel cells based on protein engineering: recent advances and future prospects. Biomaterials Science, 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. Journal of Materials Chemistry B, 2014, 2, 8372-8377.	2.9	18
14	Size-controlled synthesis of soluble-conjugated microporous polymer nanoparticles through sonogashira polycondensation in confined nanoreactors. Journal of Polymer Science Part A, 2016, 54, 2285-2290.	2.5	17
15	Combinatorial synthesis of soluble conjugated polymeric nanoparticles and tunable multicolour fluorescence sensing. Polymer Chemistry, 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. Polymer Chemistry, 2019, 10, 2256-2262.	1.9	15
17	Fluorescent electronic tongue supported with water-borne polyurethane for the discrimination of nitroaromatics in aqueous solution. Journal of Materials Chemistry C, 2020, 8, 2500-2506.	2.7	13
18	Controlled synthesis of soluble conjugated polymeric nanoparticles for fluorescence detection. RSC Advances, 2017, 7, 25740-25745.	1.7	10

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#	Article	IF	CITATIONS
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