

Ke Tao

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39
papers

910
citations

17
h-index

29
g-index

45
ext. papers

1,035
ext. citations

5.9
avg, IF

3.87
L-index

#	Paper	IF	Citations
39	Photoluminescent and superparamagnetic reduced graphene oxide/iron oxide quantum dots for dual-modality imaging, drug delivery and photothermal therapy. <i>Carbon</i> , 2016 , 97, 54-70	10.4	79
38	Facile Interfacial Coprecipitation To Fabricate Hydrophilic Amine-Capped Magnetite Nanoparticles. <i>Chemistry of Materials</i> , 2006 , 18, 5273-5278	9.6	71
37	Interfacial coprecipitation to prepare magnetite nanoparticles: Concentration and temperature dependence. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008 , 320, 115-122	5.1	66
36	Interaction Between Y ³⁺ and Oleate Ions for the Cubic-to-Hexagonal Phase Transformation of NaYF ₄ Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 1732-1739	3.8	62
35	"Two-in-one" fabrication of Fe ₃ O ₄ /MePEG-PLA composite nanocapsules as a potential ultrasonic/MRI dual contrast agent. <i>Langmuir</i> , 2011 , 27, 12134-42	4	58
34	Modular Integration of Upconverting Nanocrystal-Dendrimer Composites for Folate Receptor-Specific NIR Imaging and Light-Triggered Drug Release. <i>Small</i> , 2015 , 11, 6078-90	11	55
33	Biodegradable and conductive chitosan/graphene quantum dot nanocomposite microneedles for delivery of both small and large molecular weight therapeutics. <i>RSC Advances</i> , 2015 , 5, 51934-51946	3.7	46
32	Efficacy Dependence of Photodynamic Therapy Mediated by Upconversion Nanoparticles: Subcellular Positioning and Irradiation Productivity. <i>Small</i> , 2017 , 13, 1602053	11	43
31	Highly fluorescent water soluble Cd _x Zn _{1-x} Te alloyed quantum dots prepared in aqueous solution: one-step synthesis and the alloy effect of Zn. <i>Journal of Materials Chemistry</i> , 2010 , 20, 2133		43
30	Transcytosis of Nanomedicine for Tumor Penetration. <i>Nano Letters</i> , 2019 , 19, 8010-8020	11.5	39
29	Synergistic Targeting and Efficient Photodynamic Therapy Based on Graphene Oxide Quantum Dot-Upconversion Nanocrystal Hybrid Nanoparticles. <i>Small</i> , 2018 , 14, e1800293	11	36
28	Cell-specific cytotoxicity of dextran-stabilized magnetite nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010 , 79, 184-90	6	34
27	Photocontrolled Release of Doxorubicin Conjugated through a Thioacetal Photocage in Folate-Targeted Nanodelivery Systems. <i>Bioconjugate Chemistry</i> , 2017 , 28, 3016-3028	6.3	29
26	Thermal sensitive microgels with stable and reversible photoluminescence based on covalently bonded quantum dots. <i>Langmuir</i> , 2010 , 26, 5022-7	4	29
25	Hot-Injection Approach for Two-Stage Formed Hexagonal NaYF ₄ :Yb,Er Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 22886-22892	3.8	23
24	Gold Nanoparticles as a Potential Cellular Probe for Tracking of Stem Cells in Bone Regeneration Using Dual-Energy Computed Tomography. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 32241-32249	9.5	22
23	A Simple, Yet Multifunctional, Nanoformulation for Eradicating Tumors and Preventing Recurrence with Safely Low Administration Dose. <i>Nano Letters</i> , 2019 , 19, 5515-5523	11.5	19

22	Combined investigation of experimental characterization and theoretic calculation on the structure of dextran-Fe ₃ O ₄ clusters. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006 , 290, 70-76	5.1	15
21	ErNaYF ₄ :Yb, Er at ErNaYF ₄ core/shell nanocrystals with significantly enhanced upconversion fluorescence by a successive two-step hot-injection approach. <i>Micro and Nano Letters</i> , 2013 , 8, 731-734	0.9	13
20	Carbonyl groups anchoring for the water dispersibility of magnetite nanoparticles. <i>Colloid and Polymer Science</i> , 2011 , 289, 361-369	2.4	12
19	Magnetorheological Behavior of Polyethylene Glycol-Coated Fe ₃ O ₄ Ferrofluids. <i>Nihon Reoroji Gakkaishi</i> , 2010 , 38, 23-30	0.8	12
18	Fabrication of Fluorescent and Magnetic Multifunctional Polystyrene Microbeads with Carboxyl Ends. <i>Chemistry Letters</i> , 2007 , 36, 1458-1459	1.7	12
17	Exploring the structure-property relationships of ultrasonic/MRI dual imaging magnetite/PLA microbubbles: magnetite@Cavity versus magnetite@Shell systems. <i>Colloid and Polymer Science</i> , 2012 , 290, 1617-1626	2.4	10
16	A general approach for providing nanoparticles water-dispersibility by grinding with poly (ethylene glycol). <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011 , 389, 18-26	5.1	10
15	The one-pot synthesis of dextran-based nanoparticles and their application in in-situ fabrication of dextran-magnetite nanocomposites. <i>Journal of Materials Science: Materials in Medicine</i> , 2008 , 19, 2575-80	4.5	10
14	Facile synthesis of magnetic microcapsules by synchronous formation of magnetite nanoparticles. <i>Colloid and Polymer Science</i> , 2010 , 288, 353-357	2.4	9
13	Multimodal Nanoprobe Based on Upconversion Nanoparticles for Monitoring Implanted Stem Cells in Bone Defect of Big Animal. <i>ACS Biomaterials Science and Engineering</i> , 2018 , 4, 626-634	5.5	8
12	Direct Deposition of Fluorescent Emission-Tunable CdSe on Magnetite Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 8762-8766	3.8	8
11	Influence of experimental parameters and the copolymer structure on the size control of nanospheres in double emulsion method. <i>Journal of Polymer Research</i> , 2011 , 18, 131-137	2.7	7
10	Structure and acoustical properties control of magnetite/PLA composite microbubbles. <i>Colloid and Polymer Science</i> , 2012 , 290, 63-71	2.4	6
9	Controllable synthesis of ErNaYF ₄ :Yb,Er nanorods by potassium oleate as ligand. <i>Colloid and Polymer Science</i> , 2013 , 291, 2533-2540	2.4	6
8	Heterogeneous nucleation and growth of CdSe on magnetite seed nanocrystals: The influence of ligand and morphology. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2011 , 44, 597-604	3	4
7	Fixed-diameter upconversion nanorods with controllable length and their interaction with cells. <i>Journal of Colloid and Interface Science</i> , 2018 , 512, 591-599	9.3	4
6	Upconversion nanoparticles: a toolbox for biomedical applications 2020 , 147-176		3
5	Imaging and therapy with upconversion nanoparticles 2020 , 177-204		1

4	Circumventing Drug Resistance Pathways with a Nanoparticle-Based Photodynamic Method. <i>Nano Letters</i> , 2021 , 21, 9115-9123	11.5	1
3	Lattice distortion of CaF nanocrystals for shortening their F longitude relaxation time. <i>Chemical Communications</i> , 2021 , 57, 9148-9151	5.8	1
2	The dependence of radio-sensitization efficiency on mitochondrial targeting with NaGdF:Yb,Er nanoparticles. <i>Acta Biomaterialia</i> , 2021 , 131, 508-518	10.8	1
1	Upconversion nanocrystals for near-infrared-controlled drug delivery 2020 , 345-371		