

List of Publications by Year in descending order

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24
papers

2,795
citations

304602

22
h-index

610775

24
g-index

25
all docs

25
docs citations

25
times ranked

4598
citing authors

#	ARTICLE	IF	CITATIONS
1	Simple one-step synthesis of highly luminescent carbon dots from orange juice: application as excellent bio-imaging agents. <i>Chemical Communications</i> , 2012, 48, 8835.	2.2	1,477
2	Synthesis of a carbon-dot-based photoluminescent probe for selective and ultrasensitive detection of Hg ²⁺ in water and living cells. <i>Analyst</i> , The, 2015, 140, 1221-1228.	1.7	151
3	Copper ferrite nanoparticle-mediated N-arylation of heterocycles: a ligand-free reaction. <i>Tetrahedron Letters</i> , 2011, 52, 1924-1927.	0.7	124
4	Monodisperse mesoporous cobalt ferrite nanoparticles: synthesis and application in targeted delivery of antitumor drugs. <i>Journal of Materials Chemistry</i> , 2011, 21, 9185.	6.7	105
5	Synthesis and stability of functionalized iron oxide nanoparticles using organophosphorus coupling agents. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 339, 35-42.	2.3	88
6	Rapid "turn-on" detection of atrazine using highly luminescent N-doped carbon quantum dot. <i>Sensors and Actuators B: Chemical</i> , 2018, 263, 459-468.	4.0	82
7	Design of Fe ₃ O ₄ @SiO ₂ @Carbon Quantum Dot Based Nanostructure for Fluorescence Sensing, Magnetic Separation, and Live Cell Imaging of Fluoride Ion. <i>Langmuir</i> , 2015, 31, 8111-8120.	1.6	80
8	Highly luminescent, heteroatom-doped carbon quantum dots for ultrasensitive sensing of glucosamine and targeted imaging of liver cancer cells. <i>Journal of Materials Chemistry B</i> , 2017, 5, 2190-2197.	2.9	77
9	Highly Hydrophilic Luminescent Magnetic Mesoporous Carbon Nanospheres for Controlled Release of Anticancer Drug and Multimodal Imaging. <i>Langmuir</i> , 2016, 32, 1611-1620.	1.6	66
10	Synthesis and Characterization of Ultrafine Poly(vinylalcohol phosphate) Coated Magnetite Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 823-829.	0.9	63
11	Luminescent magnetic hollow mesoporous silica nanotheranostics for camptothecin delivery and multimodal imaging. <i>Journal of Materials Chemistry B</i> , 2014, 2, 3799-3808.	2.9	63
12	Heterogeneous magnetic catalyst for S-arylation reactions. <i>Applied Catalysis A: General</i> , 2012, 433-434, 258-264.	2.2	49
13	Chemical synthesis and characterization of hydroxyapatite (HAp)-poly (ethylene co vinyl alcohol) (EVA) nanocomposite using a phosphonic acid coupling agent for orthopedic applications. <i>Materials Science and Engineering C</i> , 2009, 29, 228-236.	3.8	48
14	Magnetic Mesoporous Silica Gated with Doped Carbon Dot for Site-Specific Drug Delivery, Fluorescence, and MR Imaging. <i>Langmuir</i> , 2018, 34, 5253-5262.	1.6	39
15	Multifunctional mesoporous hollow silica nanocapsules for targeted co-delivery of cisplatin-pemetrexed and MR imaging. <i>Dalton Transactions</i> , 2014, 43, 15841-15850.	1.6	36
16	Multifunctional magnetic calcium phosphate nanoparticles for targeted platin delivery. <i>Dalton Transactions</i> , 2012, 41, 10777.	1.6	35
17	Dopamine integrated B, N, S doped CQD nanoprobe for rapid and selective detection of fluoride ion. <i>Analytica Chimica Acta</i> , 2019, 1058, 146-154.	2.6	34
18	Processing and Properties of Nano-Hydroxyapatite(n-HAp)/Poly(Ethylene-Co-Acrylic Acid)(EAA) Composite Using a Phosphonic Acid Coupling Agent for Orthopedic Applications. <i>Journal of the American Ceramic Society</i> , 2007, 90, 369-375.	1.9	33

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19	Multifunctional magnetic fluorescent hybrid nanoparticles as carriers for the hydrophobic anticancer drug 5-fluorouracil. Dalton Transactions, 2013, 42, 2224-2231.	1.6	33
20	Ligand-free Fe ²⁺ /Cu Cocatalyzed Cross-coupling of Terminal Alkynes with Aryl Halides. Chemistry Letters, 2011, 40, 956-958.	0.7	31
21	A novel carbon quantum dot-based fluorescent nanosensor for selective detection of flumioxazin in real samples. New Journal of Chemistry, 2018, 42, 2074-2080.	1.4	31
22	Synthesis of hydroxyapatite/poly(vinyl alcohol phosphate) nanocomposite and its characterization. Polymer Composites, 2008, 29, 429-436.	2.3	28
23	CQD@ ³⁺ -Fe ₂ O ₃ multifunctional nanoprobe for selective fluorescence sensing, detoxification and removal of Hg(II). Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 589, 124445.	2.3	11
24	PEG ⁺ /PEI-modified gated N-doped mesoporous carbon nanospheres for pH/NIR light-triggered drug release and cancer phototherapy. Journal of Materials Chemistry B, 2021, 9, 3666-3676.	2.9	11