

Sasmita Mohapatra Mohapatra

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5180217/publications.pdf>

Version: 2024-02-01

37
papers

3,477
citations

186209

28
h-index

330025

37
g-index

39
all docs

39
docs citations

39
times ranked

5547
citing authors

#	ARTICLE	IF	CITATIONS
1	Papaya-Derived Carbon-Dot-Loaded Fluorescent Hydrogel for NIR-Stimulated Photochemotherapy and Antibacterial Activity. <i>ACS Applied Polymer Materials</i> , 2022, 4, 369-380.	2.0	19
2	Selective and sensitive fluorescence turn-on detection of bilirubin using resorcinol-sucrose derived carbon dot. <i>Analytical Biochemistry</i> , 2022, 654, 114813.	1.1	6
3	PEI-modified gated N-doped mesoporous carbon nanospheres for pH/NIR light-triggered drug release and cancer phototherapy. <i>Journal of Materials Chemistry B</i> , 2021, 9, 3666-3676.	2.9	11
4	Improved photodegradation and antimicrobial activity of hydrothermally synthesized 0.2Ce-TiO ₂ /RGO under visible light. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 620, 126553.	2.3	20
5	A fluorescence turn-down-up detection of Cu ²⁺ and pesticide quinalphos using carbon quantum dot integrated UiO-66-NH ₂ . <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 624, 126792.	2.3	33
6	DSPE-PEG-Coated Uniform Nitrogen-Doped Carbon Capsules for NIR-Mediated Synergistic Chemophototherapy of Skin Cancer. <i>ACS Applied Bio Materials</i> , 2021, 4, 7059-7069.	2.3	3
7	CQD@ ³ Fe ₂ O ₃ multifunctional nanoprobe for selective fluorescence sensing, detoxification and removal of Hg(II). <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 589, 124445.	2.3	11
8	Ultrasensitive detection of glyphosate through effective photoelectron transfer between CdTe and chitosan derived carbon dot. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 596, 124710.	2.3	36
9	N-Doped Carbon Quantum Dot (NCQD)-Deposited Carbon Capsules for Synergistic Fluorescence Imaging and Photothermal Therapy of Oral Cancer. <i>Langmuir</i> , 2019, 35, 15320-15329.	1.6	43
10	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
11	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
12	A novel carbon quantum dot-based fluorescent nanosensor for selective detection of flumioxazin in real samples. <i>New Journal of Chemistry</i> , 2018, 42, 2074-2080.	1.4	31
13	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
14	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
15	Enhanced Photodegradation of Organic Pollutants by Carbon Quantum Dot (CQD) Deposited Fe ₃ O ₄ @TiO ₂ Nano-Pom-Pom Balls. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 5902-5910.	1.8	44
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Multifunctional magnetic fluorescent hybrid nanoparticles as carriers for the hydrophobic anticancer drug 5-fluorouracil. <i>Dalton Transactions</i> , 2013, 42, 2224-2231.	1.6	33
22	Heterogeneous magnetic catalyst for S-arylation reactions. <i>Applied Catalysis A: General</i> , 2012, 433-434, 258-264.	2.2	49
23	Multifunctional magnetic calcium phosphate nanoparticles for targeted platin delivery. <i>Dalton Transactions</i> , 2012, 41, 10777.	1.6	35
24	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
25	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
26	Ligand-free Fe ²⁺ /Cu Cocatalyzed Cross-coupling of Terminal Alkynes with Aryl Halides. <i>Chemistry Letters</i> , 2011, 40, 956-958.	0.7	31
27	One-pot synthesis of uniform and spherically assembled functionalized MFe ₂ O ₄ (M = Co, Mn, Ni) nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 384, 453-460.	2.3	56
28	Decolourization of Methyl Orange using Fenton-like mesoporous Fe ₂ O ₃ @SiO ₂ composite. <i>Journal of Hazardous Materials</i> , 2011, 185, 359-365.	6.5	238
29	Copper ferrite nanoparticle-mediated N-arylation of heterocycles: a ligand-free reaction. <i>Tetrahedron Letters</i> , 2011, 52, 1924-1927.	0.7	124
30	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
31	Boronic acid functionalized superparamagnetic iron oxide nanoparticle as a novel tool for adsorption of sugar. <i>Materials Science and Engineering C</i> , 2009, 29, 2254-2260.	3.8	44
32	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
33	Synthesis of hydroxyapatite/poly(vinyl alcohol phosphate) nanocomposite and its characterization. <i>Polymer Composites</i> , 2008, 29, 429-436.	2.3	28
34	Design of Superparamagnetic Iron Oxide Nanoparticle for Purification of Recombinant Proteins. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 3193-3199.	0.9	37
35	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
36	A simple synthesis of amine-derivatised superparamagnetic iron oxide nanoparticles for bioapplications. <i>Journal of Materials Science</i> , 2007, 42, 7566-7574.	1.7	103

#	ARTICLE	IF	CITATIONS
37	Synthesis and Characterization of Ultrafine Poly(vinylalcohol phosphate) Coated Magnetite Nanoparticles. Journal of Nanoscience and Nanotechnology, 2006, 6, 823-829.	0.9	63