

Large-scale one-pot synthesis of water-soluble and biocompatible nanoparticles for dual-modal imaging

Colloids and Surfaces B: Biointerfaces

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Artificial Intelligence in Repairing Meniscus Injury in Football Sports with Perovskite Nanobiomaterials. <i>Journal of Healthcare Engineering</i> , 2021, 2021, 1-11.	1.1	5
2	Biocompatible Superparamagnetic Europium-Doped Iron Oxide Nanoparticle Clusters as Multifunctional Nanoprobes for Multimodal <i>In Vivo</i> Imaging. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 33850-33861.	4.0	51
3	Biosynthesis of spinel nickel ferrite nanowhiskers and their biomedical applications. <i>Scientific Reports</i> , 2021, 11, 17431.	1.6	53
4	Evolutionary warning system for COVID-19 severity: Colony predation algorithm enhanced extreme learning machine. <i>Computers in Biology and Medicine</i> , 2021, 136, 104698.	3.9	52
5	Preparation of pH-Responsive Vesicular Deferasirox: Evidence from <i>In Silico</i> , <i>In Vitro</i> , and <i>In Vivo</i> Evaluations. <i>ACS Omega</i> , 2021, 6, 24218-24232.	1.6	15
7	The interaction between ethionamide and pristine, Si-, Ga-, and Al-doped boron nitride nanoflakes: A computational study. <i>Journal of Sulfur Chemistry</i> , 2022, 43, 78-94.	1.0	3
8	Simultaneous voltammetric determination of tramadol and paracetamol exploiting glassy carbon electrode modified with FeNi ₃ nanoalloy in biological and pharmaceutical media. <i>ChemistrySelect</i> , 2021, 6, 8797-8808.	0.7	10
9	Genetic algorithm optimization of magnetic properties of Fe-Co-Ni nanostructure alloys prepared by the mechanical alloying by using multi-objective artificial neural networks for the core of transformer. <i>Materials Today Communications</i> , 2021, 28, 102653.	0.9	5
10	A review of gas sensors based on carbon nanomaterial. <i>Carbon Letters</i> , 2022, 32, 339-364.	3.3	45
11	Highly Sensitive Surface Plasmon Resonance Biosensors Utilizing Prism-Waveguide Configuration for Detection of Alzheimer Disease Biomarker. <i>Plasmonics</i> , 2022, 17, 331-338.	1.8	3
12	DFT exploration of sensor performances of pristine and metal-doped graphdiyne monolayer to acetaminophen drug in terms of charge transfer and bandgap changes. <i>Computational and Theoretical Chemistry</i> , 2021, 1204, 113390.	1.1	2
13	NC3 carbon-like nanotube as promising nanocarriers for anticancer drugs delivery; density functional theory studies. <i>Journal of Molecular Liquids</i> , 2021, 340, 117221.	2.3	5
14	Hydroxyurea anticancer drug adsorption on the pristine and doped C70 fullerene as potential carriers for drug delivery. <i>Journal of Molecular Liquids</i> , 2021, 340, 117226.	2.3	12
15	Interaction studies of tuberculosis biomarker vapours on novel beta arsenene sheets – A DFT insight. <i>Computational and Theoretical Chemistry</i> , 2021, 1205, 113426.	1.1	15
16	Ultrasonic assisted reverse micelle synthesis of a novel Zn-metal organic framework as an efficient candidate for antimicrobial activities. <i>Journal of Molecular Structure</i> , 2022, 1247, 131315.	1.8	16
17	Alkoxysulfonylation of alkenes: development and recent advances. <i>RSC Advances</i> , 2021, 11, 32513-32525.	1.7	7
18	Numerical simulation of blood flow effects on rupture of aneurysm in middle cerebral artery. <i>International Journal of Modern Physics C</i> , 2022, 33, .	0.8	26
19	Nanoparticles as Cell Tracking Agents in Human Ocular Cell Transplantation Therapy. <i>Current Ophthalmology Reports</i> , 2021, 9, 133-145.	0.5	0

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20	Presentation of an experimental model of CO ₂ gas absorption by spraying method by NiO nanofluids and carbon nanotube in the presence magnetic field. <i>European Physical Journal Plus</i> , 2021, 136, .	1.2	0
21	Biomedical Applications of Lanthanide Nanomaterials, for Imaging, Sensing and Therapy. <i>Nanotheranostics</i> , 2022, 6, 184-194.	2.7	27
22	Hydrophobic Cargo Encapsulation into Virus Protein Cages by Self-Assembly in an Aprotic Organic Solvent. <i>Bioconjugate Chemistry</i> , 2021, 32, 2366-2376.	1.8	1
23	Substitution effects via aromaticity, polarizability, APT, AIM, IR analysis, and hydrogen adsorption in C ₂₀ -nTin nanostructures: a DFT survey. <i>Journal of Molecular Modeling</i> , 2021, 27, 348.	0.8	6
24	High-Performance Graphene-Based Biosensor Using a Metasurface of Asymmetric Silicon Disks. <i>IEEE Sensors Journal</i> , 2022, 22, 2037-2044.	2.4	13
25	Sensing behavior of pure and Ni-doped BC ₃ to chlorine trifluoride: A computational survey. <i>Journal of Physics and Chemistry of Solids</i> , 2022, 163, 110530.	1.9	1
26	Adsorption of toxic H ₂ S, CO and NO molecules on pristine and transition metal doped $\hat{\pm}$ -AsP monolayer by first-principles calculations. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2022, 138, 115109.	1.3	8
27	Recent development in upconversion nanoparticles and their application in optogenetics: A review. <i>Journal of Rare Earths</i> , 2022, 40, 847-861.	2.5	20
28	Molecular simulation of the paracetamol drug interaction with Pt-decorated BC ₃ graphene-like nanosheet. <i>Molecular Simulation</i> , 2022, 48, 517-525.	0.9	2
29	The Surface Charge of Polymer-Coated Upconversion Nanoparticles Determines Protein Corona Properties and Cell Recognition in Serum Solutions. <i>Cells</i> , 2022, 11, 3644.	1.8	2
30	Recent advances in tumor biomarker detection by lanthanide upconversion nanoparticles. <i>Journal of Materials Chemistry B</i> , 2023, 11, 755-771.	2.9	2
31	Visible-NIR luminescent nanomaterials for cancer diagnostic applications. , 2023, , 89-150.		0
34	Advancements and applications of upconversion nanoparticles in wound dressings. <i>Materials Horizons</i> , 0, , .	6.4	1