

Mohammad Yaseen Ahmad

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23
papers

129
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27
ext. papers

201
ext. citations

3.5
avg, IF

2.32
L-index

#	Paper	IF	Citations
23	Carbon-coated ultrasmall gadolinium oxide (Gd ₂ O ₃ @C) nanoparticles: Application to magnetic resonance imaging and fluorescence properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 586, 124261	5.1	16
22	Magnetic resonance imaging, gadolinium neutron capture therapy, and tumor cell detection using ultrasmall GdO nanoparticles coated with polyacrylic acid-rhodamine B as a multifunctional tumor theragnostic agent.. <i>RSC Advances</i> , 2018 , 8, 12653-12665	3.7	15
21	In Vivo Positive Magnetic Resonance Imaging Applications of Poly(methyl vinyl ether-alt-maleic acid)-coated Ultra-small Paramagnetic Gadolinium Oxide Nanoparticles. <i>Molecules</i> , 2020 , 25,	4.8	14
20	neutron capture therapy of cancer using ultrasmall gadolinium oxide nanoparticles with cancer-targeting ability.. <i>RSC Advances</i> , 2020 , 10, 865-874	3.7	14
19	Synthesis, characterization, and X-ray attenuation properties of polyacrylic acid-coated ultrasmall heavy metal oxide (Bi ₂ O ₃ , Yb ₂ O ₃ , NaTaO ₃ , Dy ₂ O ₃ , and Gd ₂ O ₃) nanoparticles as potential CT contrast agents. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 576, 73-81	5.1	11
18	d-Glucuronic Acid-Coated Ultrasmall Paramagnetic Ln ₂ O ₃ (Ln = Tb, Dy, and Ho) Nanoparticles: Magnetic Properties, Water Proton Relaxivities, and Fluorescence Properties. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 3832-3839	2.3	11
17	Cyclic RGD-Coated Ultrasmall Gd ₂ O ₃ Nanoparticles as Tumor-Targeting Positive Magnetic Resonance Imaging Contrast Agents. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 3070-3079	2.3	9
16	Hydrophilic Biocompatible Poly(Acrylic Acid-co-Maleic Acid) Polymer as a Surface-Coating Ligand of Ultrasmall GdO Nanoparticles to Obtain a High r Value and T MR Images. <i>Diagnostics</i> , 2020 , 11,	3.8	7
15	Synthesis, Characterization, and Enhanced Cancer-Imaging Application of Trans-activator of Transcription Peptide-conjugated Ultrasmall Gadolinium Oxide Nanoparticles. <i>Bulletin of the Korean Chemical Society</i> , 2018 , 39, 435-441	1.2	4
14	A Novel Paramagnetic Nanoparticle T ₂ Magnetic Resonance Imaging Contrast Agent With High Colloidal Stability: Polyacrylic Acid-Coated Ultrafine Dysprosium Oxide Nanoparticles. <i>Bulletin of the Korean Chemical Society</i> , 2020 , 41, 829-836	1.2	4
13	Synthesis, Characterizations, and 9.4 Tesla T MR Images of Polyacrylic Acid-Coated Terbium(III) and Holmium(III) Oxide Nanoparticles. <i>Nanomaterials</i> , 2021 , 11,	5.4	4
12	X-ray Attenuation Properties of Ultrasmall Yb ₂ O ₃ Nanoparticles as a High-Performance CT Contrast Agent. <i>Journal of the Korean Physical Society</i> , 2019 , 74, 286-291	0.6	3
11	Facile synthesis of stable colloidal suspension of amorphous carbon nanoparticles in aqueous medium and their characterization. <i>Journal of Physics and Chemistry of Solids</i> , 2018 , 120, 96-103	3.9	3
10	New Class of Efficient T Magnetic Resonance Imaging Contrast Agent: Carbon-Coated Paramagnetic Dysprosium Oxide Nanoparticles. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	3
9	Gadolinium Neutron Capture Therapy (GdNCT) Agents from Molecular to Nano: Current Status and Perspectives.. <i>ACS Omega</i> , 2022 , 7, 2533-2553	3.9	2
8	Functionalized Lanthanide Oxide Nanoparticles for Tumor Targeting, Medical Imaging, and Therapy. <i>Pharmaceutics</i> , 2021 , 13,	6.4	2
7	Polyaspartic Acid-Coated Paramagnetic Gadolinium Oxide Nanoparticles as a Dual-Modal T ₁ and T ₂ Magnetic Resonance Imaging Contrast Agent. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 8222	2.6	2

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| 6 | D-Glucuronic Acid-Coated Ultrasmall BiOI Nanoparticles for CT Imaging. <i>Journal of Nanoscience and Nanotechnology</i> , 2020 , 20, 4638-4642 | 1.3 | 1 |
| 5 | In Vivo Positive Magnetic Resonance Imaging of Brain Cancer (U87MG) Using Folic Acid-Conjugated Polyacrylic Acid-Coated Ultrasmall Manganese Oxide Nanoparticles. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 2596 | 2.6 | 1 |
| 4 | Chitosan Oligosaccharide Lactate-Coated Ultrasmall Gadolinium Oxide Nanoparticles: Synthesis, Cytotoxicity, and Relaxometric Properties. <i>Journal of Nanoscience and Nanotechnology</i> , 2021 , 21, 4145-4150 | 1.3 | 1 |
| 3 | Size-controlled one-pot polyol synthesis and characterization of D-glucuronic acid-coated ultrasmall BiOI nanoparticles as potential x-ray contrast agent. <i>Materials Research Express</i> , 2019 , 6, 015039 | 1.7 | 0 |
| 2 | Synthesis, MR Relaxivities, and In Vitro Cytotoxicity of 3,5-Diiodo-L-tyrosine-Coated Gd ₂ O ₃ Nanoparticles. <i>BioNanoScience</i> , 2019 , 9, 179-185 | 3-4 | |
| 1 | Synthesis, Biocompatibility, and Relaxometric Properties of Heavily Loaded Apoferritin with D-Glucuronic Acid-Coated Ultrasmall Gd ₂ O ₃ Nanoparticles. <i>BioNanoScience</i> , 2021 , 11, 380-389 | 3-4 | |