

Shuwen Liu

List of Publications by Year in descending order

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papers

229
citations

933447

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20
docs citations

20
times ranked

197
citing authors

#	ARTICLE	IF	CITATIONS
1	Gadolinium Neutron Capture Therapy (GdNCT) Agents from Molecular to Nano: Current Status and Perspectives. ACS Omega, 2022, 7, 2533-2553.	3.5	24
2	Enhanced Tumor Imaging Using Glucosamine-Conjugated Polyacrylic Acid-Coated Ultrasmall Gadolinium Oxide Nanoparticles in Magnetic Resonance Imaging. International Journal of Molecular Sciences, 2022, 23, 1792.	4.1	4
3	Polyethylenimine-Coated Ultrasmall Holmium Oxide Nanoparticles: Synthesis, Characterization, Cytotoxicities, and Water Proton Spin Relaxivities. Nanomaterials, 2022, 12, 1588.	4.1	3
4	Paramagnetic ultrasmall Ho ₂ O ₃ and Tm ₂ O ₃ nanoparticles: characterization of r_1 values and <i>in vivo</i> T ₂ MR images at a 3.0 T MR field. Materials Advances, 2022, 3, 5857-5870.	5.4	1
5	Mono and Multiple Tumor-Targeting Ligand-Coated Ultrasmall Gadolinium Oxide Nanoparticles: Enhanced Tumor Imaging and Blood Circulation. Pharmaceutics, 2022, 14, 1458.	4.5	4
6	Synthesis, Biocompatibility, and Relaxometric Properties of Heavily Loaded Apoferritin with D-Glucuronic Acid-Coated Ultrasmall Gd ₂ O ₃ Nanoparticles. BioNanoScience, 2021, 11, 380-389.	3.5	0
7	In Vivo Positive Magnetic Resonance Imaging of Brain Cancer (U87MG) Using Folic Acid-Conjugated Polyacrylic Acid-Coated Ultrasmall Manganese Oxide Nanoparticles. Applied Sciences (Switzerland), 2021, 11, 2596.	2.5	7
8	Synthesis, Characterizations, and 9.4 Tesla T ₂ MR Images of Polyacrylic Acid-Coated Terbium(III) and Holmium(III) Oxide Nanoparticles. Nanomaterials, 2021, 11, 1355.	4.1	15
9	Chitosan Oligosaccharide Lactate-Coated Ultrasmall Gadolinium Oxide Nanoparticles: Synthesis, <i>In Vitro</i> Cytotoxicity, and Relaxometric Properties. Journal of Nanoscience and Nanotechnology, 2021, 21, 4145-4150.	0.9	2
10	Polyaspartic Acid-Coated Paramagnetic Gadolinium Oxide Nanoparticles as a Dual-Modal T ₁ and T ₂ Magnetic Resonance Imaging Contrast Agent. Applied Sciences (Switzerland), 2021, 11, 8222.	2.5	11
11	Hydrophilic Biocompatible Poly(Acrylic Acid-co-Maleic Acid) Polymer as a Surface-Coating Ligand of Ultrasmall Gd ₂ O ₃ Nanoparticles to Obtain a High r_1 Value and T ₁ MR Images. Diagnostics, 2021, 11, 2.	2.6	28
12	Functionalized Lanthanide Oxide Nanoparticles for Tumor Targeting, Medical Imaging, and Therapy. Pharmaceutics, 2021, 13, 1890.	4.5	13
13	<i>In vivo</i> neutron capture therapy of cancer using ultrasmall gadolinium oxide nanoparticles with cancer-targeting ability. RSC Advances, 2020, 10, 865-874.	3.6	20
14	Carbon-coated ultrasmall gadolinium oxide (Gd ₂ O ₃ @C) nanoparticles: Application to magnetic resonance imaging and fluorescence properties. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 586, 124261.	4.7	19
15	New Class of Efficient T ₂ Magnetic Resonance Imaging Contrast Agent: Carbon-Coated Paramagnetic Dysprosium Oxide Nanoparticles. Pharmaceutics, 2020, 13, 312.	3.8	8
16	A Novel Paramagnetic Nanoparticle T_2 Magnetic Resonance Imaging Contrast Agent With High Colloidal Stability: Polyacrylic Acid-Coated Ultrafine Dysprosium Oxide Nanoparticles. Bulletin of the Korean Chemical Society, 2020, 41, 829-836.	1.9	9
17	D-Glucuronic Acid-Coated Ultrasmall Bi ₂ O ₃ Nanoparticles for CT Imaging. Journal of Nanoscience and Nanotechnology, 2020, 20, 4638-4642.	0.9	4
18	In Vivo Positive Magnetic Resonance Imaging Applications of Poly(methyl vinyl ether-alt-maleic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	3.8	22

#	ARTICLE	IF	CITATIONS
19	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.	2.0	16
20	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.	4.7	19