Shuwen Liu

List of Publications by Year
in descending order

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20	229	933447 10	996975 15
papers	citations	h-index	g-index

20	20	20	197
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hydrophilic Biocompatible Poly(Acrylic Acid-co-Maleic Acid) Polymer as a Surface-Coating Ligand of Ultrasmall Gd2O3 Nanoparticles to Obtain a High r1 Value and T1 MR Images. Diagnostics, 2021, 11, 2.	2.6	28
2	Gadolinium Neutron Capture Therapy (GdNCT) Agents from Molecular to Nano: Current Status and Perspectives. ACS Omega, 2022, 7, 2533-2553.	3.5	24
3	In Vivo Positive Magnetic Resonance Imaging Applications of Poly(methyl vinyl ether-alt-maleic) Tj ETQq1 1 0.784314 rgBT /Overlock	3.8	22
4	In vivo neutron capture therapy of cancer using ultrasmall gadolinium oxide nanoparticles with cancer-targeting ability. RSC Advances, 2020, 10, 865-874.	3.6	20
5	Synthesis, characterization, and X-ray attenuation properties of polyacrylic acid-coated ultrasmall heavy metal oxide (Bi2O3, Yb2O3, NaTaO3, Dy2O3, and Gd2O3) nanoparticles as potential CT contrast agents. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 576, 73-81.	4.7	19
6	Carbon-coated ultrasmall gadolinium oxide (Gd2O3@C) nanoparticles: Application to magnetic resonance imaging and fluorescence properties. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 586, 124261.	4.7	19
7	d -Glucuronic Acid-Coated Ultrasmall Paramagnetic Ln2 O3 (Ln = Tb, Dy, and Ho) Nanoparticles: Magnetic Properties, Water Proton Relaxivities, and Fluorescence Properties. European Journal of Inorganic Chemistry, 2019, 2019, 3832-3839.	2.0	16
8	Synthesis, Characterizations, and 9.4 Tesla T2 MR Images of Polyacrylic Acid-Coated Terbium(III) and Holmium(III) Oxide Nanoparticles. Nanomaterials, 2021, 11, 1355.	4.1	15
9	Functionalized Lanthanide Oxide Nanoparticles for Tumor Targeting, Medical Imaging, and Therapy. Pharmaceutics, 2021, 13, 1890.	4.5	13
10	Polyaspartic Acid-Coated Paramagnetic Gadolinium Oxide Nanoparticles as a Dual-Modal T1 and T2 Magnetic Resonance Imaging Contrast Agent. Applied Sciences (Switzerland), 2021, 11, 8222.	2.5	11
11	A Novel Paramagnetic Nanoparticle <scp>T₂</scp> Magnetic Resonance Imaging Contrast Agent With High Colloidal Stability: Polyacrylic <scp>Acidâ€Coated</scp> Ultrafine Dysprosium Oxide Nanoparticles. Bulletin of the Korean Chemical Society, 2020, 41, 829-836.	1.9	9
12	New Class of Efficient T2 Magnetic Resonance Imaging Contrast Agent: Carbon-Coated Paramagnetic Dysprosium Oxide Nanoparticles. Pharmaceuticals, 2020, 13, 312.	3.8	8
13	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
14	D-Glucuronic Acid-Coated Ultrasmall Bi₂O₃ Nanoparticles for CT Imaging. Journal of Nanoscience and Nanotechnology, 2020, 20, 4638-4642.	0.9	4
15	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
16	Mono and Multiple Tumor-Targeting Ligand-Coated Ultrasmall Gadolinium Oxide Nanoparticles: Enhanced Tumor Imaging and Blood Circulation. Pharmaceutics, 2022, 14, 1458.	4.5	4
17	Polyethylenimine-Coated Ultrasmall Holmium Oxide Nanoparticles: Synthesis, Characterization, Cytotoxicities, and Water Proton Spin Relaxivities. Nanomaterials, 2022, 12, 1588.	4.1	3
18	Chitosan Oligosaccharide Lactate-Coated Ultrasmall Gadolinium Oxide Nanoparticles: Synthesis, In Vitro Cytotoxicity, and Relaxometric Properties. Journal of Nanoscience and Nanotechnology, 2021, 21, 4145-4150.	0.9	2

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19	Paramagnetic ultrasmall Ho₂O₃ and Tm₂O₃ nanoparticles: characterization of r₂ values and in vivo T₂ MR images at a 3.0 T MR field. Materials Advances, 2022, 3, 5857-5870.	5.4	1
20	Synthesis, Biocompatibility, and Relaxometric Properties of Heavily Loaded Apoferritin with D-Glucuronic Acid-Coated Ultrasmall Gd2O3 Nanoparticles. BioNanoScience, 2021, 11, 380-389.	3.5	0