

# Huan Yue

## List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Hydrophilic Biocompatible Poly(Acrylic Acid-co-Maleic Acid) Polymer as a Surface-Coating Ligand of Ultrasmall Gd <sub>2</sub> O <sub>3</sub> Nanoparticles to Obtain a High r <sub>1</sub> Value and T <sub>1</sub> MR Images. <i>Diagnostics</i> , 2021, 11, 2.	1.3	28
2	Stable and non-toxic ultrasmall gadolinium oxide nanoparticle colloids (coating material =) T <sub>1</sub> ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td agents. <i>RSC Advances</i> , 2018, 8, 3189-3197.	1.7	27
3	Gadolinium Neutron Capture Therapy (GdNCT) Agents from Molecular to Nano: Current Status and Perspectives. <i>ACS Omega</i> , 2022, 7, 2533-2553.	1.6	24
4	In Vivo Positive Magnetic Resonance Imaging Applications of Poly(methyl vinyl ether-alt-maleic) T <sub>1</sub> ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.7	22
5	<i>In vivo</i> neutron capture therapy of cancer using ultrasmall gadolinium oxide nanoparticles with cancer-targeting ability. <i>RSC Advances</i> , 2020, 10, 865-874.	1.7	20
6	Synthesis, characterization, and X-ray attenuation properties of polyacrylic acid-coated ultrasmall heavy metal oxide (Bi <sub>2</sub> O <sub>3</sub> , Yb <sub>2</sub> O <sub>3</sub> , NaTaO <sub>3</sub> , Dy <sub>2</sub> O <sub>3</sub> , and Gd <sub>2</sub> O <sub>3</sub> ) nanoparticles as potential CT contrast agents. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 576, 73-81.	2.3	19
7	Carbon-coated ultrasmall gadolinium oxide (Gd <sub>2</sub> O <sub>3</sub> @C) nanoparticles: Application to magnetic resonance imaging and fluorescence properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 586, 124261.	2.3	19
8	d-Glucuronic Acid-Coated Ultrasmall Paramagnetic Ln <sub>2</sub> O <sub>3</sub> (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.	1.0	16
9	Cyclic RGD-Coated Ultrasmall Gd <sub>2</sub> O <sub>3</sub> Nanoparticles as Tumor-Targeting Positive Magnetic Resonance Imaging Contrast Agents. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 3070-3079.	1.0	15
10	Synthesis, Characterizations, and 9.4 Tesla T <sub>2</sub> MR Images of Polyacrylic Acid-Coated Terbium(III) and Holmium(III) Oxide Nanoparticles. <i>Nanomaterials</i> , 2021, 11, 1355.	1.9	15
11	Functionalized Lanthanide Oxide Nanoparticles for Tumor Targeting, Medical Imaging, and Therapy. <i>Pharmaceutics</i> , 2021, 13, 1890.	2.0	13
12	Polyaspartic Acid-Coated Paramagnetic Gadolinium Oxide Nanoparticles as a Dual-Modal T <sub>1</sub> and T <sub>2</sub> Magnetic Resonance Imaging Contrast Agent. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8222.	1.3	11
13	A Novel Paramagnetic Nanoparticle $\langle \text{sc} \rangle \text{T}_{2} \langle \text{sc} \rangle$ Magnetic Resonance Imaging Contrast Agent With High Colloidal Stability: Polyacrylic $\langle \text{sc} \rangle$ Acid-Coated $\langle \text{sc} \rangle$ Ultrafine Dysprosium Oxide Nanoparticles. <i>Bulletin of the Korean Chemical Society</i> , 2020, 41, 829-836.	1.0	9
14	Ultrasmall Europium, Gadolinium, and Dysprosium Oxide Nanoparticles: Polyol Synthesis, Properties, and Biomedical Imaging Applications. <i>Mini-Reviews in Medicinal Chemistry</i> , 2020, 20, 1767-1780.	1.1	9
15	New Class of Efficient T <sub>2</sub> Magnetic Resonance Imaging Contrast Agent: Carbon-Coated Paramagnetic Dysprosium Oxide Nanoparticles. <i>Pharmaceutics</i> , 2020, 13, 312.	1.7	8
16	Synthesis, Characterization, and Enhanced Cancer-Targeting Application of Trans-Activator of Transcription Peptide-Conjugated Ultrasmall Gadolinium Oxide Nanoparticles. <i>Bulletin of the Korean Chemical Society</i> , 2018, 39, 435-441.	1.0	7
17	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.	1.3	7
18	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.	1.9	5

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19	X-ray Attenuation Properties of Ultrasmall Yb <sub>2</sub> O <sub>3</sub> Nanoparticles as a High-Performance CT Contrast Agent. <i>Journal of the Korean Physical Society</i> , 2019, 74, 286-291.	0.3	5
20	Magnetic separation of nucleic acids from various biological samples using silica-coated iron oxide nanobeads. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	0.8	4
21	D-Glucuronic Acid-Coated Ultrasmall Bi <sub>2</sub> O <sub>3</sub> Nanoparticles for CT Imaging. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 4638-4642.	0.9	4
22	Enhanced Tumor Imaging Using Glucosamine-Conjugated Polyacrylic Acid-Coated Ultrasmall Gadolinium Oxide Nanoparticles in Magnetic Resonance Imaging. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1792.	1.8	4
23	Polyethylenimine-Coated Ultrasmall Holmium Oxide Nanoparticles: Synthesis, Characterization, Cytotoxicities, and Water Proton Spin Relaxivities. <i>Nanomaterials</i> , 2022, 12, 1588.	1.9	3
24	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.	0.8	2
25	Chitosan Oligosaccharide Lactate-Coated Ultrasmall Gadolinium Oxide Nanoparticles: Synthesis, <i>In Vitro</i> Cytotoxicity, and Relaxometric Properties. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 4145-4150.	0.9	2
26	Paramagnetic ultrasmall Ho <sub>2</sub> O <sub>3</sub> and Tm <sub>2</sub> O <sub>3</sub> nanoparticles: characterization of <i>r<sub>2</sub></i> values and <i>in vivo</i> T <sub>2</sub> MR images at a 3.0 T MR field. <i>Materials Advances</i> , 2022, 3, 5857-5870.	2.6	1
27	Synthesis, Biocompatibility, and Relaxometric Properties of Heavily Loaded Apoferritin with D-Glucuronic Acid-Coated Ultrasmall Gd <sub>2</sub> O <sub>3</sub> Nanoparticles. <i>BioNanoScience</i> , 2021, 11, 380-389.	1.5	0
28	Electrospinning Behavior of Polystyrene/Poly(ethylene glycol) Blends in the Presence and Absence of Compatibilizer. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 4283-4287.	0.9	0