

# Huan Yue

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/74416/huan-yue-publications-by-year.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25  
papers

137  
citations

7  
h-index

10  
g-index

28  
ext. papers

220  
ext. citations

3.2  
avg, IF

2.47  
L-index

#	Paper	IF	Citations
25	Gadolinium Neutron Capture Therapy (GdNCT) Agents from Molecular to Nano: Current Status and Perspectives.. <i>ACS Omega</i> , <b>2022</b> , 7, 2533-2553	3.9	2
24	Functionalized Lanthanide Oxide Nanoparticles for Tumor Targeting, Medical Imaging, and Therapy. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	2
23	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> , <b>2021</b> , 11, 2596	2.6	1
22	Synthesis, Characterizations, and 9.4 Tesla T MR Images of Polyacrylic Acid-Coated Terbium(III) and Holmium(III) Oxide Nanoparticles. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	4
21	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> , <b>2021</b> , 11, 380-389	3.4	
20	Chitosan Oligosaccharide Lactate-Coated Ultrasmall Gadolinium Oxide Nanoparticles: Synthesis, Cytotoxicity, and Relaxometric Properties. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2021</b> , 21, 4145-4150	1.3	1
19	Polyaspartic Acid-Coated Paramagnetic Gadolinium Oxide Nanoparticles as a Dual-Modal T1 and T2 Magnetic Resonance Imaging Contrast Agent. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 8222	2.6	2
18	Magnetic separation of nucleic acids from various biological samples using silica-coated iron oxide nanobeads. <i>Journal of Nanoparticle Research</i> , <b>2020</b> , 22, 1	2.3	0
17	D-Glucuronic Acid-Coated Ultrasmall BiO Nanoparticles for CT Imaging. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2020</b> , 20, 4638-4642	1.3	1
16	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> , <b>2020</b> , 25,	4.8	14
15	Ultrasmall Europium, Gadolinium, and Dysprosium Oxide Nanoparticles: Polyol Synthesis, Properties, and Biomedical Imaging Applications. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2020</b> , 20, 1767-1780	2.2	4
14	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> , <b>2020</b> , 11,	3.8	7
13	neutron capture therapy of cancer using ultrasmall gadolinium oxide nanoparticles with cancer-targeting ability.. <i>RSC Advances</i> , <b>2020</b> , 10, 865-874	3.7	14
12	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> , <b>2020</b> , 586, 124261	5.1	16
11	New Class of Efficient T Magnetic Resonance Imaging Contrast Agent: Carbon-Coated Paramagnetic Dysprosium Oxide Nanoparticles. <i>Pharmaceutics</i> , <b>2020</b> , 13,	5.2	3
10	A Novel Paramagnetic Nanoparticle T2 Magnetic Resonance Imaging Contrast Agent With High Colloidal Stability: Polyacrylic Acid-Coated Ultrafine Dysprosium Oxide Nanoparticles. <i>Bulletin of the Korean Chemical Society</i> , <b>2020</b> , 41, 829-836	1.2	4
9	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> , <b>2019</b> , 576, 73-81	5.1	11

8	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> , <b>2019</b> , 74, 286-291	0.6	3
7	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> , <b>2019</b> , 2019, 3832-3839	2.3	11
6	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> , <b>2019</b> , 6, 015039	1.7	0
5	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> , <b>2018</b> , 39, 435-441	1.2	4
4	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> , <b>2018</b> , 120, 96-103	3.9	3
3	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> , <b>2018</b> , 2018, 3070-3079	2.3	9
2	Stable and non-toxic ultrasmall gadolinium oxide nanoparticle colloids (coating material = polyacrylic acid) as high-performance magnetic resonance imaging contrast agents.. <i>RSC Advances</i> , <b>2018</b> , 8, 3189-3197	3.7	19
1	Electrospinning Behavior of Polystyrene/Poly(ethylene glycol) Blends in the Presence and Absence of Compatibilizer. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2017</b> , 17, 4283-4287	1.3	