

Hongyu Lin

List of Publications by Year in Descending Order

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

38

papers

694

citations

18

h-index

24

g-index

44

ext. papers

966

ext. citations

8.6

avg, IF

4.32

L-index

#	Paper	IF	Citations
38	Zwitterion-Coated Ultrasmall MnO Nanoparticles Enable Highly Sensitive -Weighted Contrast-Enhanced Brain Imaging.. <i>ACS Applied Materials & Interfaces</i> , 2022 ,	9.5	2
37	Multinuclear Mn(II) united-DOTA complexes with enhanced inertness and high MRI contrast ability. <i>Cell Reports Physical Science</i> , 2022 , 100920	6.1	1
36	Arsenite-loaded albumin nanoparticles for targeted synergistic chemo-photothermal therapy of HCC. <i>Biomaterials Science</i> , 2021 ,	7.4	3
35	Hypoxia-Activated Prodrug Enabling Synchronous Chemotherapy and HIF-1 \downarrow Downregulation for Tumor Treatment. <i>Bioconjugate Chemistry</i> , 2021 , 32, 983-990	6.3	6
34	Activatable F MRI Nanoprobes for Visualization of Biological Targets in Living Subjects. <i>Advanced Materials</i> , 2021 , e2005657	24	13
33	Activatable Mitochondria-Targeting Organoarsenic Prodrugs for Bioenergetic Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 1403-1410	16.4	29
32	Activatable Mitochondria-Targeting Organoarsenic Prodrugs for Bioenergetic Cancer Therapy. <i>Angewandte Chemie</i> , 2021 , 133, 1423-1430	3.6	2
31	Imaging Beyond Seeing: Early Prognosis of Cancer Treatment.. <i>Small Methods</i> , 2021 , 5, e2001025	12.8	5
30	Deep-tissue real-time imaging of drug-induced liver injury with peroxynitrite-responsive F MRI nanoprobes. <i>Chemical Communications</i> , 2021 , 57, 9622-9625	5.8	3
29	A camptothecin prodrug induces mitochondria-mediated apoptosis in cancer cells with cascade activations. <i>Chemical Communications</i> , 2021 , 57, 11033-11036	5.8	2
28	Activatable Multiplexed F Magnetic Resonance Imaging Visualizes Reactive Oxygen and Nitrogen Species in Drug-Induced Acute Kidney Injury. <i>Analytical Chemistry</i> , 2021 ,	7.8	5
27	Reversible redox-responsive H/F MRI molecular probes. <i>Chemical Communications</i> , 2020 , 56, 4106-4109	5.8	19
26	A Fluorinated Ionic Liquid-Based Activatable F MRI Platform Detects Biological Targets. <i>Chem</i> , 2020 , 6, 1134-1148	16.2	21
25	Recent advances of nanomedicines for liver cancer therapy. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 3747-3771	7.3	19
24	Cascaded Multiresponsive Self-Assembled F MRI Nanoprobes with Redox-Triggered Activation and NIR-Induced Amplification. <i>Nano Letters</i> , 2020 , 20, 363-371	11.5	29
23	DOTA-Branched Organic Frameworks as Giant and Potent Metal Chelators. <i>Journal of the American Chemical Society</i> , 2020 , 142, 198-206	16.4	26
22	Fluorinated Gadolinium Chelate-Grafted Nanoconjugates for Contrast-Enhanced -Weighted H and pH-Activatable F Dual-Modal MRI. <i>Analytical Chemistry</i> , 2020 , 92, 16293-16300	7.8	6

21	Sensitive Contrast-Enhanced Magnetic Resonance Imaging of Orthotopic and Metastatic Hepatic Tumors by Ultralow Doses of Zinc Ferrite Octapods. <i>Chemistry of Materials</i> , 2019 , 31, 1381-1390	9.6	16
20	A gadolinium-complex-based theranostic prodrug for in vivo tumour-targeted magnetic resonance imaging and therapy. <i>Chemical Communications</i> , 2019 , 55, 4546-4549	5.8	30
19	An extracellular pH-driven targeted multifunctional manganese arsenite delivery system for tumor imaging and therapy. <i>Biomaterials Science</i> , 2019 , 7, 2480-2490	7.4	12
18	Surface Engineering to Boost the Performance of Nanoparticle-Based T1 Contrast Agents. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 3801-3809	2.3	10
17	Versatile Octapod-Shaped Hollow Porous Manganese(II) Oxide Nanoplatform for Real-Time Visualization of Cargo Delivery. <i>Nano Letters</i> , 2019 , 19, 5394-5402	11.5	36
16	A fluorinated bihydrazide conjugate for activatable sensing and imaging of hypochlorous acid by F NMR/MRI. <i>Chemical Communications</i> , 2019 , 55, 12455-12458	5.8	14
15	Targeted arsenite-loaded magnetic multifunctional nanoparticles for treatment of hepatocellular carcinoma. <i>Nanotechnology</i> , 2019 , 30, 175101	3.4	23
14	Facile synthesis of aquo-cisplatin arsenite multidrug nanocomposites for overcoming drug resistance and efficient combination therapy. <i>Biomaterials Science</i> , 2018 , 7, 262-271	7.4	15
13	The Roles of Morphology on the Relaxation Rates of Magnetic Nanoparticles. <i>ACS Nano</i> , 2018 , 12, 4605-4614	46.14	42
12	A Self-Assembled Biocompatible Nanoplatform for Multimodal MR/Fluorescence Imaging Assisted Photothermal Therapy and Prognosis Analysis. <i>Small</i> , 2018 , 14, e1801612	11	32
11	Surface manganese substitution in magnetite nanocrystals enhances T contrast ability by increasing electron spin relaxation. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 401-413	7.3	21
10	Gold nanoparticles impair autophagy flux through shape-dependent endocytosis and lysosomal dysfunction. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 8127-8136	7.3	22
9	Biodegradable and Renal-Clearable Hollow Porous Iron Oxide Nanoboxes for in Vivo Imaging. <i>Chemistry of Materials</i> , 2018 , 30, 7950-7961	9.6	26
8	Iron-oxide-based twin nanoplates with strong T relaxation shortening for contrast-enhanced magnetic resonance imaging. <i>Nanoscale</i> , 2018 , 10, 18398-18406	7.7	19
7	Albumin-based nanoparticles loaded with hydrophobic gadolinium chelates as T-T dual-mode contrast agents for accurate liver tumor imaging. <i>Nanoscale</i> , 2017 , 9, 4516-4523	7.7	42
6	Activatable T Relaxivity Recovery Nanoconjugates for Kinetic and Sensitive Analysis of Matrix Metalloprotease 2. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 21688-21696	9.5	13
5	Composition Tunable Manganese Ferrite Nanoparticles for Optimized T2 Contrast Ability. <i>Chemistry of Materials</i> , 2017 , 29, 3038-3047	9.6	68
4	Arsenite-loaded nanoparticles inhibit the invasion and metastasis of a hepatocellular carcinoma: in vitro and in vivo study. <i>Nanotechnology</i> , 2017 , 28, 445101	3.4	14

3	Geometrical confinement directed albumin-based nanoprobe as enhanced T contrast agents for tumor imaging. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 8004-8012	7.3	13
2	A fluorimetric readout reporting the kinetics of nucleotide-induced human ribonucleotide reductase oligomerization. <i>ChemBioChem</i> , 2014 , 15, 2598-2604	3.8	6
1	Cadmium(II) (8-Hydroxyquinoline) Chloride Nanowires: Synthesis, Characterization and Glucose-Sensing Application. <i>Advanced Functional Materials</i> , 2008 , 18, 3692-3698	15.6	20