Hongyu Lin

List of Publications by Year
in descending order

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44 papers	1,199 citations	331642 21 h-index	395678 33 g-index
44 all docs	44 docs citations	44 times ranked	1439 citing authors

#	Article	IF	Citations
1	Composition Tunable Manganese Ferrite Nanoparticles for Optimized T₂ Contrast Ability. Chemistry of Materials, 2017, 29, 3038-3047.	6.7	88
2	Activatable Mitochondriaâ€Targeting Organoarsenic Prodrugs for Bioenergetic Cancer Therapy. Angewandte Chemie - International Edition, 2021, 60, 1403-1410.	13.8	81
3	The Roles of Morphology on the Relaxation Rates of Magnetic Nanoparticles. ACS Nano, 2018, 12, 4605-4614.	14.6	62
4	Versatile Octapod-Shaped Hollow Porous Manganese(II) Oxide Nanoplatform for Real-Time Visualization of Cargo Delivery. Nano Letters, 2019, 19, 5394-5402.	9.1	61
5	Albumin-based nanoparticles loaded with hydrophobic gadolinium chelates as T₁â€“T₂dual-mode contrast agents for accurate liver tumor imaging. Nanoscale, 2017, 9, 4516-4523.	5.6	50
6	Cascaded Multiresponsive Self-Assembled ¹⁹F MRI Nanoprobes with Redox-Triggered Activation and NIR-Induced Amplification. Nano Letters, 2020, 20, 363-371.	9.1	50
7	A Fluorinated Ionic Liquid-Based Activatable 19F MRI Platform Detects Biological Targets. CheM, 2020, 6, 1134-1148.	11.7	49
8	A gadolinium-complex-based theranostic prodrug for in vivo tumour-targeted magnetic resonance imaging and therapy. Chemical Communications, 2019, 55, 4546-4549.	4.1	47
9	DOTA-Branched Organic Frameworks as Giant and Potent Metal Chelators. Journal of the American Chemical Society, 2020, 142, 198-206.	13.7	45
10	Activatable ¹⁹F MRI Nanoprobes for Visualization of Biological Targets in Living Subjects. Advanced Materials, 2021, 33, e2005657.	21.0	42
11	A Selfâ€Assembled Biocompatible Nanoplatform for Multimodal MR/Fluorescence Imaging Assisted Photothermal Therapy and Prognosis Analysis. Small, 2018, 14, e1801612.	10.0	40
12	Gold nanoparticles impair autophagy flux through shape-dependent endocytosis and lysosomal dysfunction. Journal of Materials Chemistry B, 2018, 6, 8127-8136.	5.8	39
13	Biodegradable and Renal-Clearable Hollow Porous Iron Oxide Nanoboxes for in Vivo Imaging. Chemistry of Materials, 2018, 30, 7950-7961.	6.7	39
14	Recent advances of nanomedicines for liver cancer therapy. Journal of Materials Chemistry B, 2020, 8, 3747-3771.	5.8	37
15	Surface manganese substitution in magnetite nanocrystals enhancesT₁contrast ability by increasing electron spin relaxation. Journal of Materials Chemistry B, 2018, 6, 401-413.	5.8	32
16	Targeted arsenite-loaded magnetic multifunctional nanoparticles for treatment of hepatocellular carcinoma. Nanotechnology, 2019, 30, 175101.	2.6	31
17	Reversible redox-responsive ¹H/¹⁹F MRI molecular probes. Chemical Communications, 2020, 56, 4106-4109.	4.1	30
18	Iron-oxide-based twin nanoplates with strong T₂ relaxation shortening for contrast-enhanced magnetic resonance imaging. Nanoscale, 2018, 10, 18398-18406.	5.6	27

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19	Sensitive Contrast-Enhanced Magnetic Resonance Imaging of Orthotopic and Metastatic Hepatic Tumors by Ultralow Doses of Zinc Ferrite Octapods. Chemistry of Materials, 2019, 31, 1381-1390.	6.7	23
20	Fluorinated Gadolinium Chelate-Grafted Nanoconjugates for Contrast-Enhanced T₁-Weighted ¹H and pH-Activatable ¹⁹F Dual-Modal MRI. Analytical Chemistry, 2020, 92, 16293-16300.	6.5	23
21	Cadmium(II) (8â€Hydroxyquinoline) Chloride Nanowires: Synthesis, Characterization and Glucoseâ€Sensing Application. Advanced Functional Materials, 2008, 18, 3692-3698.	14.9	22
22	Facile synthesis of aquo-cisplatin arsenite multidrug nanocomposites for overcoming drug resistance and efficient combination therapy. Biomaterials Science, 2019, 7, 262-271.	5.4	22
23	Activatable T₁ Relaxivity Recovery Nanoconjugates for Kinetic and Sensitive Analysis of Matrix Metalloprotease 2. ACS Applied Materials & Interfaces, 2017, 9, 21688-21696.	8.0	21
24	A fluorinated bihydrazide conjugate for activatable sensing and imaging of hypochlorous acid by ¹⁹F NMR/MRI. Chemical Communications, 2019, 55, 12455-12458.	4.1	21
25	Activatable Multiplexed ¹⁹F Magnetic Resonance Imaging Visualizes Reactive Oxygen and Nitrogen Species in Drug-Induced Acute Kidney Injury. Analytical Chemistry, 2021, 93, 16552-16561.	6.5	20
26	An extracellular pH-driven targeted multifunctional manganese arsenite delivery system for tumor imaging and therapy. Biomaterials Science, 2019, 7, 2480-2490.	5.4	19
27	Arsenite-loaded nanoparticles inhibit the invasion and metastasis of a hepatocellular carcinoma:in vitroandin vivostudy. Nanotechnology, 2017, 28, 445101.	2.6	18
28	Geometrical confinement directed albumin-based nanoprobes as enhanced T₁ contrast agents for tumor imaging. Journal of Materials Chemistry B, 2017, 5, 8004-8012.	5.8	16
29	Surface Engineering to Boost the Performance of Nanoparticle-Based T 1 Contrast Agents. European Journal of Inorganic Chemistry, 2019, 2019, 3801-3809.	2.0	16
30	A camptothecin prodrug induces mitochondria-mediated apoptosis in cancer cells with cascade activations. Chemical Communications, 2021, 57, 11033-11036.	4.1	16
31	Imaging Beyond Seeing: Early Prognosis of Cancer Treatment. Small Methods, 2021, 5, e2001025.	8.6	14
32	Redox-Activated Contrast-Enhanced T₁-Weighted Imaging Visualizes Glutathione-Mediated Biotransformation Dynamics in the Liver. ACS Nano, 2021, 15, 17831-17841.	14.6	14
33	Photoinduced Superhydrophilicity of Gd-Doped TiO₂ Ellipsoidal Nanoparticles Boosts T₁ Contrast Enhancement for Magnetic Resonance Imaging. Nano Letters, 2022, 22, 3219-3227.	9.1	14
34	Hypoxia-Activated Prodrug Enabling Synchronous Chemotherapy and HIF-1Î± Downregulation for Tumor Treatment. Bioconjugate Chemistry, 2021, 32, 983-990.	3.6	13
35	Arsenite-loaded albumin nanoparticles for targeted synergistic chemo-photothermal therapy of HCC. Biomaterials Science, 2021, 10, 243-257.	5.4	11
36	Deep-tissue real-time imaging of drug-induced liver injury with peroxynitrite-responsive ¹⁹F MRI nanoprobes. Chemical Communications, 2021, 57, 9622-9625.	4.1	10

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37	Zwitterion-Coated Ultrasmall MnO Nanoparticles Enable Highly Sensitive T₁-Weighted Contrast-Enhanced Brain Imaging. ACS Applied Materials & Interfaces, 2022, 14, 3784-3791.	8.0	10
38	A Fluorimetric Readout Reporting the Kinetics of Nucleotideâ€Induced Human Ribonucleotide Reductase Oligomerization. ChemBioChem, 2014, 15, 2598-2604.	2.6	9
39	Activatable Mitochondriaâ€Targeting Organoarsenic Prodrugs for Bioenergetic Cancer Therapy. Angewandte Chemie, 2021, 133, 1423-1430.	2.0	7
40	Multinuclear Mn(II) united-DOTA complexes with enhanced inertness and high MRI contrast ability. Cell Reports Physical Science, 2022, , 100920.	5.6	4
41	Tandem Chemoimmunotherapy by a Cascade-Responsive Molecular Prodrug. ACS Chemical Biology, 2022, 17, 762-767.	3.4	2
42	An Activatable ¹⁹ F MRI Molecular Probe for Sensing and Imaging of Norepinephrine. ChemistryOpen, 2022, 11, .	1.9	2
43	A dual-responsive doxorubicinâ€“indoximod conjugate for programmed chemoimmunotherapy. RSC Chemical Biology, 2022, 3, 853-858.	4.1	1
44	Sequence-controlled heterolayered lanthanide-complex dendritic architectures constructed from modular Ln-DOTA derivatives. Cell Reports Physical Science, 2022, 3, 100950.	5.6	1