Yong Hu

List of Publications by Citations

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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.

44 papers	1,724 citations	23 h-index	41 g-index
49 ext. papers	2,096 ext. citations	9.8 avg, IF	5.15 L-index

#	Paper	IF	Citations
44	Hyaluronic acid-modified Fe3O4@Au core/shell nanostars for multimodal imaging and photothermal therapy of tumors. *Biomaterials*, **2015**, 38, 10-21	15.6	314
43	Construction of iron oxide nanoparticle-based hybrid platforms for tumor imaging and therapy. *Chemical Society Reviews*, **2018**, 47, 1874-1900	58.5	214
42	Multifunctional Fe3O4 @ Au core/shell nanostars: a unique platform for multimode imaging and photothermal therapy of tumors. *Scientific Reports*, **2016**, 6, 28325	4.9	89
41	Synthesis and application of strawberry-like Fe3O4-Au nanoparticles as CT-MR dual-modality contrast agents in accurate detection of the progressive liver disease. *Biomaterials*, **2015**, 51, 194-207	15.6	80
40	From DNA Nanotechnology to Material Systems Engineering. *Advanced Materials*, **2019**, 31, e1806294	24	69
39	Top-down fabrication of shape-controlled, monodisperse nanoparticles for biomedical applications. *Advanced Drug Delivery Reviews*, **2018**, 132, 169-187	18.5	68
38	Dendrimer-Stabilized Gold Nanostars as a Multifunctional Theranostic Nanoplatform for CT Imaging, Photothermal Therapy, and Gene Silencing of Tumors. *Advanced Healthcare Materials*, **2016**, 5, 3203-3213	10.1	68
37	Dynamically tuning near-infrared-induced photothermal performances of TiO nanocrystals by Nb doping for imaging-guided photothermal therapy of tumors. *Nanoscale*, **2017**, 9, 9148-9159	7.7	61
36	Facile synthesis of RGD peptide-modified iron oxide nanoparticles with ultrahigh relaxivity for targeted MR imaging of tumors. *Biomaterials Science*, **2015**, 3, 721-32	7.4	55
35	An RGD-modified hollow silica@Au core/shell nanoplatform for tumor combination therapy. *Acta Biomaterialia*, **2017**, 62, 273-283	10.8	55
34	Polyaniline-loaded γ-polyglutamic acid nanogels as a platform for photoacoustic imaging-guided tumor photothermal therapy. *Nanoscale*, **2017**, 9, 12746-12754	7.7	53
33	Self-Assembling All-Enzyme Hydrogels for Flow Biocatalysis. *Angewandte Chemie - International Edition*, **2018**, 57, 17028-17032	16.4	47
32	Folic acid-targeted iron oxide nanoparticles as contrast agents for magnetic resonance imaging of human ovarian cancer. *Journal of Ovarian Research*, **2016**, 9, 19	5.5	43
31	Antifouling Manganese Oxide Nanoparticles: Synthesis, Characterization, and Applications for Enhanced MR Imaging of Tumors. *ACS Applied Materials & Interfaces*, **2017**, 9, 47-53	9.5	42
30	Facile synthesis of hyaluronic acid-modified FeO/Au composite nanoparticles for targeted dual mode MR/CT imaging of tumors. *Journal of Materials Chemistry B*, **2015**, 3, 9098-9108	7.3	41
29	Radiotherapy-Sensitized Tumor Photothermal Ablation Using γ-Polyglutamic Acid Nanogels Loaded with Polypyrrole. *Biomacromolecules*, **2018**, 19, 2034-2042	6.9	36
28	Facile synthesis of folic acid-functionalized iron oxide nanoparticles with ultrahigh relaxivity for targeted tumor MR imaging. *Journal of Materials Chemistry B*, **2015**, 3, 5720-5730	7.3	36

27	Light-Addressable Nanoclusters of Ultrasmall Iron Oxide Nanoparticles for Enhanced and Dynamic Magnetic Resonance Imaging of Arthritis. *Advanced Science*, **2019**, 6, 1901800	13.6	34
26	LAPONITE -stabilized iron oxide nanoparticles for in vivo MR imaging of tumors. *Biomaterials Science*, **2016**, 4, 474-82	7.4	33
25	LAPONITE-Polyethylenimine Based Theranostic Nanoplatform for Tumor-Targeting CT Imaging and Chemotherapy. *ACS Biomaterials Science and Engineering*, **2017**, 3, 431-442	5.5	32
24	Stacking of doxorubicin on folic acid-targeted multiwalled carbon nanotubes for in vivo chemotherapy of tumors. *Drug Delivery*, **2018**, 25, 1607-1616	7	28
23	Hyaluronic acid-modified magnetic iron oxide nanoparticles for MR imaging of surgically induced endometriosis model in rats. *PLoS ONE*, **2014**, 9, e94718	3.7	26
22	Designer DNA-silica/carbon nanotube nanocomposites for traceable and targeted drug delivery. *Journal of Materials Chemistry B*, **2020**, 8, 2250-2255	7.3	24
21	Facile Synthesis of Folic Acid-Modified Iron Oxide Nanoparticles for Targeted MR Imaging in Pulmonary Tumor Xenografts. *Molecular Imaging and Biology*, **2016**, 18, 569-78	3.8	20
20	Carbon-nanotube reinforcement of DNA-silica nanocomposites yields programmable and cell-instructive biocoatings. *Nature Communications*, **2019**, 10, 5522	17.4	18
19	Facile preparation of hyaluronic acid-modified Fe3O4@Mn3O4 nanocomposites for targeted T1/T2 dual-mode MR imaging of cancer cells. *RSC Advances*, **2016**, 6, 35295-35304	3.7	17
18	Targeted dual-mode imaging and phototherapy of tumors using ICG-loaded multifunctional MWCNTs as a versatile platform. *Journal of Materials Chemistry B*, **2018**, 6, 6122-6132	7.3	16
17	Formation of multifunctional Fe 3 O 4 /Au composite nanoparticles for dual-mode MR/CT imaging applications. *Chinese Physics B*, **2014**, 23, 078704	1.2	16
16	Cultivation of Exoelectrogenic Bacteria in Conductive DNA Nanocomposite Hydrogels Yields a Programmable Biohybrid Materials System. *ACS Applied Materials & Interfaces*, **2020**, 12, 14806-14813	9.5	13
15	Self-Assembling All-Enzyme Hydrogels for Flow Biocatalysis. *Angewandte Chemie*, **2018**, 130, 17274-17278	3.6	13
14	Facile Synthesis of Lactobionic Acid-Targeted Iron Oxide Nanoparticles with Ultrahigh Relaxivity for Targeted MR Imaging of an Orthotopic Model of Human Hepatocellular Carcinoma. *Particle and Particle Systems Characterization*, **2017**, 34, 1600113	3.1	11
13	Folic acid-modified Laponite -stabilized Fe3O4 nanoparticles for targeted T2-weighted MR imaging of tumor. *Applied Clay Science*, **2020**, 186, 105447	5.2	9
12	Bottom-Up Assembly of DNA-Silica Nanocomposites into Micrometer-Sized Hollow Spheres. *Angewandte Chemie - International Edition*, **2019**, 58, 17269-17272	16.4	9
11	Synthesis of diatrizoic acid-modified LAPONITE nanodisks for CT imaging applications. *RSC Advances*, **2016**, 6, 57490-57496	3.7	7
10	Self-Assembly of DNA Molecules: Towards DNA Nanorobots for Biomedical Applications. *Cyborg and Bionic Systems*, **2021**, 2021, 1-3	0	6

9	Complex Nucleic Acid Hybridization Reactions inside Capillary-Driven Microfluidic Chips. *Small*, **2020**, 16, e2005476	11	5
8	DNA Nanotechnology: From DNA Nanotechnology to Material Systems Engineering (Adv. Mater. 26/2019). *Advanced Materials*, **2019**, 31, 1970190	24	4
7	Using PEGylated iron oxide nanoparticles with ultrahigh relaxivity for MR imaging of an orthotopic model of human hepatocellular carcinoma. *Journal of Nanoparticle Research*, **2017**, 19, 1	2.3	3
6	Formulation of DNA Nanocomposites: Towards Functional Materials for Protein Expression. *Polymers*, **2021**, 13,	4.5	3
5	Segregation of Dispersed Silica Nanoparticles in Microfluidic Water-in-Oil Droplets: A Kinetic Study. *ChemPhysChem*, **2020**, 21, 1070-1078	3.2	2
4	Postsynthetic Functionalization of DNA-Nanocomposites with Proteins Yields Bioinstructive Matrices for Cell Culture Applications. *Angewandte Chemie - International Edition*, **2020**, 59, 19016-19020	16.4	2
3	Titelbild: Self-Assembling All-Enzyme Hydrogels for Flow Biocatalysis (Angew. Chem. 52/2018). *Angewandte Chemie*, **2018**, 130, 17153-17153	3.6	2
2	Bottom-Up Assembly of DNA-Silica Nanocomposites into Micrometer-Sized Hollow Spheres. *Angewandte Chemie*, **2019**, 131, 17429-17432	3.6	0
1	Postsynthetic Functionalization of DNA-Nanocomposites with Proteins Yields Bioinstructive Matrices for Cell Culture Applications. *Angewandte Chemie*, **2020**, 132, 19178-19182	3.6	0