

# Yu Luo

## 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.

57  
papers

2,478  
citations

26  
h-index

49  
g-index

60  
ext. papers

3,041  
ext. citations

8.2  
avg, IF

5.44  
L-index

#	Paper	IF	Citations
57	VHPKQHR Peptide Modified Ultrasmall Paramagnetic Iron Oxide Nanoparticles Targeting Rheumatoid Arthritis for T-Weighted Magnetic Resonance Imaging.. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2022</b> , 10, 821256	5.8	
56	Multi-Responsive Biodegradable Cationic Nanogels for Highly Efficient Treatment of Tumors. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2100227	15.6	20
55	Construction of nanomaterials as contrast agents or probes for glioma imaging. <i>Journal of Nanobiotechnology</i> , <b>2021</b> , 19, 125	9.4	6
54	Hyalase-Mediated Cascade Degradation of a Matrix Barrier and Immune Cell Penetration by a Photothermal Microneedle for Efficient Anticancer Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 26790-26799	9.5	8
53	Photothermo-Promoted Nanocatalysis Combined with H <sub>2</sub> S-Mediated Respiration Inhibition for Efficient Cancer Therapy. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2007991	15.6	26
52	Electromagnetic Nanomedicines for Combinational Cancer Immunotherapy. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 12792-12815	3.6	9
51	Electromagnetic Nanomedicines for Combinational Cancer Immunotherapy. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 12682-12705	16.4	56
50	Second Near-Infrared Photothermal Semiconducting Polymer Nanoadjuvant for Enhanced Cancer Immunotherapy. <i>Advanced Materials</i> , <b>2021</b> , 33, e2003458	24	93
49	Second near-infrared photothermal-amplified immunotherapy using photoactivatable composite nanostimulators.. <i>Journal of Nanobiotechnology</i> , <b>2021</b> , 19, 433	9.4	5
48	Photothermal Fenton Nanocatalysts for Synergetic Cancer Therapy in the Second Near-Infrared Window. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 30145-30154	9.5	40
47	Near-infrared photothermal liposomal nanoantagonists for amplified cancer photodynamic therapy. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 7149-7159	7.3	17
46	Intelligent Nanocomposites with Intrinsic Blood-Brain-Barrier Crossing Ability Designed for Highly Specific MR Imaging and Sonodynamic Therapy of Glioblastoma. <i>Small</i> , <b>2020</b> , 16, e1906985	11	37
45	Disulfide Bond Reversible Strategy Enables GSH Responsive-Transferrin Nanoparticles for Precise Chemotherapy. <i>Advanced Therapeutics</i> , <b>2020</b> , 3, 2000064	4.9	0
44	A cation exchange strategy to construct a targeting nanoprobe for enhanced -weighted MR imaging of tumors. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 8519-8526	7.3	1
43	Confined nanoparticles growth within hollow mesoporous nanoreactors for highly efficient MRI-guided photodynamic therapy. <i>Chemical Engineering Journal</i> , <b>2020</b> , 379, 122251	14.7	13
42	Engineering graphene oxide with ultrasmall SPIONs and smart drug release for cancer theranostics. <i>Chemical Communications</i> , <b>2019</b> , 55, 1963-1966	5.8	26
41	Clearable Theranostic Platform with a pH-Independent Chemodynamic Therapy Enhancement Strategy for Synergetic Photothermal Tumor Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 18133-18144	9.5	72

40	Biodegradable Fe(III)@WS2-PVP Nanocapsules for Redox Reaction and TME-Enhanced Nanocatalytic, Photothermal, and Chemotherapy. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1901722	15.6	82
39	On-Demand Detaching Nanosystem for the Spatiotemporal Control of Cancer Theranostics. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 16285-16295	9.5	9
38	Hyaluronic acid-mediated multifunctional iron oxide-based MRI nanoprobes for dynamic monitoring of pancreatic cancer.. <i>RSC Advances</i> , <b>2019</b> , 9, 10486-10493	3.7	6
37	Transferrin Receptor-Mediated Sequential Intercellular Nanoparticles Relay for Tumor Deep Penetration and Sonodynamic Therapy. <i>Advanced Therapeutics</i> , <b>2019</b> , 2, 1800152	4.9	15
36	Organic Semiconducting Pro-nanostimulants for Near-Infrared Photoactivatable Cancer Immunotherapy. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 12680-12687	16.4	197
35	Organic Semiconducting Pro-nanostimulants for Near-Infrared Photoactivatable Cancer Immunotherapy. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 12810-12817	3.6	35
34	Targeted Therapeutic-Immunomodulatory Nanoplatform Based on Noncrystalline Selenium. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 45404-45415	9.5	7
33	Dual-Therapeutics-Loaded Mesoporous Silica Nanoparticles Applied for Breast Tumor Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 46497-46503	9.5	13
32	Mesoporous Silica Nanoparticles-Reinforced Hydrogel Scaffold together with Pinacidil Loading to Improve Stem Cell Adhesion. <i>ChemNanoMat</i> , <b>2018</b> , 4, 631-641	3.5	23
31	Heat shock protein-guided dual-mode CT/MR imaging of orthotopic hepatocellular carcinoma tumor. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 1342-1350	7.3	6
30	Ultrasmall graphene oxide based T MRI contrast agent for in vitro and in vivo labeling of human mesenchymal stem cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2018</b> , 14, 2475-2483	6	21
29	Zwitterion-coated ultrasmall iron oxide nanoparticles for enhanced T-weighted magnetic resonance imaging applications. <i>Journal of Materials Chemistry B</i> , <b>2017</b> , 5, 7267-7273	7.3	47
28	The Ordered and Disordered Nano-Intermetallic AuCu/C Catalysts for the Oxygen Reduction Reaction: The Differences of the Electrochemical Performance. <i>Journal of the Electrochemical Society</i> , <b>2017</b> , 164, F1654-F1661	3.9	9
27	(99m)Tc-Labeled Multifunctional Low-Generation Dendrimer-Entrapped Gold Nanoparticles for Targeted SPECT/CT Dual-Mode Imaging of Tumors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 19883-19891	9.5	75
26	Multifunctional Fe <sub>3</sub> O <sub>4</sub> @ Au core/shell nanostars: a unique platform for multimode imaging and photothermal therapy of tumors. <i>Scientific Reports</i> , <b>2016</b> , 6, 28325	4.9	89
25	Hyaluronic acid-modified manganese-chelated dendrimer-entrapped gold nanoparticles for the targeted CT/MR dual-mode imaging of hepatocellular carcinoma. <i>Scientific Reports</i> , <b>2016</b> , 6, 33844	4.9	28
24	LAPONITE <sup>®</sup> -stabilized iron oxide nanoparticles for in vivo MR imaging of tumors. <i>Biomaterials Science</i> , <b>2016</b> , 4, 474-82	7.4	33
23	Facile preparation of hyaluronic acid-modified Fe <sub>3</sub> O <sub>4</sub> @Mn <sub>3</sub> O <sub>4</sub> nanocomposites for targeted T1/T2 dual-mode MR imaging of cancer cells. <i>RSC Advances</i> , <b>2016</b> , 6, 35295-35304	3.7	17

22	Folic acid modified electrospun poly(vinyl alcohol)/polyethyleneimine nanofibers for cancer cell capture applications. <i>Chinese Journal of Polymer Science (English Edition)</i> , <b>2016</b> , 34, 755-765	3.5	26
21	The design of a multifunctional dendrimer-based nanoplatfom for targeted dual mode SPECT/MR imaging of tumors. <i>Journal of Materials Chemistry B</i> , <b>2016</b> , 4, 7220-7225	7.3	20
20	Controlled release of doxorubicin from electrospun MWCNTs/PLGA hybrid nanofibers. <i>Chinese Journal of Polymer Science (English Edition)</i> , <b>2016</b> , 34, 1047-1059	3.5	25
19	Enhanced proliferation and osteogenic differentiation of mesenchymal stem cells on graphene oxide-incorporated electrospun poly(lactic-co-glycolic acid) nanofibrous mats. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 6331-9	9.5	246
18	Targeted CT imaging of human hepatocellular carcinoma using low-generation dendrimer-entrapped gold nanoparticles modified with lactobionic acid. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 286-295	7.3	52
17	Directed osteogenic differentiation of mesenchymal stem cell in three-dimensional biodegradable methylcellulose-based scaffolds. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2015</b> , 135, 332-338	6	13
16	Facile synthesis of RGD peptide-modified iron oxide nanoparticles with ultrahigh relaxivity for targeted MR imaging of tumors. <i>Biomaterials Science</i> , <b>2015</b> , 3, 721-32	7.4	55
15	Conjugation of iron oxide nanoparticles with RGD-modified dendrimers for targeted tumor MR imaging. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 5420-8	9.5	71
14	Formation of iron oxide nanoparticle-loaded polyglutamic acid nanogels for MR imaging of tumors. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 8684-8693	7.3	25
13	Facile synthesis and functionalization of manganese oxide nanoparticles for targeted T1-weighted tumor MR imaging. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2015</b> , 136, 506-13	6	26
12	RGD-functionalized ultrasmall iron oxide nanoparticles for targeted T1-weighted MR imaging of gliomas. <i>Nanoscale</i> , <b>2015</b> , 7, 14538-46	7.7	95
11	Poly(glutamic acid)-stabilized iron oxide nanoparticles: synthesis, characterization and applications for MR imaging of tumors. <i>RSC Advances</i> , <b>2015</b> , 5, 76700-76707	3.7	16
10	Targeted delivery of doxorubicin by lactobionic acid-modified laponite to hepatocarcinoma cells. <i>Journal of Controlled Release</i> , <b>2015</b> , 213, e34	11.7	4
9	Dendrimer-Functionalized Laponite Nanodisks as a Platform for Anticancer Drug Delivery. <i>Nanomaterials</i> , <b>2015</b> , 5, 1716-1731	5.4	18
8	Attapulгите-doped electrospun poly(lactic-co-glycolic acid) nanofibers enable enhanced osteogenic differentiation of human mesenchymal stem cells. <i>RSC Advances</i> , <b>2015</b> , 5, 2383-2391	3.7	26
7	Electrospun attapulгите-doped poly(lactic-co-glycolic acid) nanofibers for osteogenic differentiation of human mesenchymal stem cells. <i>Journal of Controlled Release</i> , <b>2015</b> , 213, e146	11.7	5
6	Dendrimer-functionalized electrospun cellulose acetate nanofibers for targeted cancer cell capture applications. <i>Journal of Materials Chemistry B</i> , <b>2014</b> , 2, 7384-7393	7.3	39
5	Hyaluronic acid-modified hydrothermally synthesized iron oxide nanoparticles for targeted tumor MR imaging. <i>Biomaterials</i> , <b>2014</b> , 35, 3666-77	15.6	206

4	Carbon nanotube-incorporated multilayered cellulose acetate nanofibers for tissue engineering applications. <i>Carbohydrate Polymers</i> , <b>2013</b> , 91, 419-27	10.3	84
3	Facile assembly of Fe <sub>3</sub> O <sub>4</sub> @Au nanocomposite particles for dual mode magnetic resonance and computed tomography imaging applications. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 15110		120
2	Electrospun laponite-doped poly(lactic-co-glycolic acid) nanofibers for osteogenic differentiation of human mesenchymal stem cells. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 23357		82
1	Size-controlled synthesis of dendrimer-stabilized silver nanoparticles for X-ray computed tomography imaging applications. <i>Polymer Chemistry</i> , <b>2010</b> , 1, 1677	4.9	81