

# Yiqiao Hu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4146653/publications.pdf>

Version: 2024-02-01

71  
papers

4,903  
citations

109321

35  
h-index

95266

68  
g-index

73  
all docs

73  
docs citations

73  
times ranked

6454  
citing authors

#	ARTICLE	IF	CITATIONS
1	Perfluorocarbon nanoparticles enhance reactive oxygen levels and tumour growth inhibition in photodynamic therapy. <i>Nature Communications</i> , 2015, 6, 8785.	12.8	784
2	Covalently Combining Carbon Nanotubes with Anticancer Agent: Preparation and Antitumor Activity. <i>ACS Nano</i> , 2009, 3, 2740-2750.	14.6	243
3	Application of Near-Infrared Dyes for Tumor Imaging, Photothermal, and Photodynamic Therapies. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 6-28.	3.3	234
4	Hydrophobic IR780 encapsulated in biodegradable human serum albumin nanoparticles for photothermal and photodynamic therapy. <i>Acta Biomaterialia</i> , 2015, 14, 61-69.	8.3	216
5	Dissolved oxygen from microalgae-gel patch promotes chronic wound healing in diabetes. <i>Science Advances</i> , 2020, 6, eaba4311.	10.3	215
6	Tumor Oxygenation and Hypoxia Inducible Factor-1 Functional Inhibition via a Reactive Oxygen Species Responsive Nanoplatfrom for Enhancing Radiation Therapy and Abscopal Effects. <i>ACS Nano</i> , 2018, 12, 8308-8322.	14.6	213
7	Self-assembled PEG-IR-780-C13 micelle as a targeting, safe and highly-effective photothermal agent for in vivo imaging and cancer therapy. <i>Biomaterials</i> , 2015, 51, 184-193.	11.4	159
8	Functionalized Graphene Oxide Mediated Adriamycin Delivery and miR-21 Gene Silencing to Overcome Tumor Multidrug Resistance In Vitro. <i>PLoS ONE</i> , 2013, 8, e60034.	2.5	140
9	Effective detection and quantification of dietetically absorbed plant microRNAs in human plasma. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 505-512.	4.2	137
10	Hydrogel-Based Controlled Drug Delivery for Cancer Treatment: A Review. <i>Molecular Pharmaceutics</i> , 2020, 17, 373-391.	4.6	134
11	Nanoscale coordination polymers induce immunogenic cell death by amplifying radiation therapy mediated oxidative stress. <i>Nature Communications</i> , 2021, 12, 145.	12.8	131
12	Oxygen self-enriched nanoparticles functionalized with erythrocyte membranes for long circulation and enhanced phototherapy. <i>Acta Biomaterialia</i> , 2017, 59, 269-282.	8.3	121
13	Nucleolin Targeting AS1411 Modified Protein Nanoparticle for Antitumor Drugs Delivery. <i>Molecular Pharmaceutics</i> , 2013, 10, 3555-3563.	4.6	110
14	Covalent Organic Framework-Supported Molecularly Dispersed Near-Infrared Dyes Boost Immunogenic Phototherapy against Tumors. <i>Advanced Functional Materials</i> , 2019, 29, 1902757.	14.9	106
15	Two-stage oxygen delivery for enhanced radiotherapy by perfluorocarbon nanoparticles. <i>Theranostics</i> , 2018, 8, 4898-4911.	10.0	104
16	Relighting Photosensitizers by Synergistic Integration of Albumin and Perfluorocarbon for Enhanced Photodynamic Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 3463-3473.	8.0	96
17	Bioreducible Cross-Linked Hyaluronic Acid/Calcium Phosphate Hybrid Nanoparticles for Specific Delivery of siRNA in Melanoma Tumor Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 14576-14589.	8.0	85
18	Perfluorocarbon regulates the intratumoural environment to enhance hypoxia-based agent efficacy. <i>Nature Communications</i> , 2019, 10, 1580.	12.8	85

#	ARTICLE	IF	CITATIONS
19	Switchable PDT for reducing skin photosensitization by a NIR dye inducing self-assembled and photo-disassembled nanoparticles. <i>Biomaterials</i> , 2016, 107, 23-32.	11.4	82
20	Changes in the Expression of miR-381 and miR-495 Are Inversely Associated with the Expression of the MDR1 Gene and Development of Multi-Drug Resistance. <i>PLoS ONE</i> , 2013, 8, e82062.	2.5	79
21	Systemic immune responses to irradiated tumours via the transport of antigens to the tumour periphery by injected flagellate bacteria. <i>Nature Biomedical Engineering</i> , 2022, 6, 44-53.	22.5	71
22	Light-controlled oxygen production and collection for sustainable photodynamic therapy in tumor hypoxia. <i>Biomaterials</i> , 2021, 269, 120621.	11.4	68
23	Perfluorocarbon Nanoparticles Mediated Platelet Blocking Disrupt Vascular Barriers to Improve the Efficacy of Oxygen-sensitive Antitumor Drugs. <i>Small</i> , 2018, 14, e1801694.	10.0	67
24	Maintaining manganese in tumor to activate cGAS-STING pathway evokes a robust abscopal anti-tumor effect. <i>Journal of Controlled Release</i> , 2021, 331, 480-490.	9.9	66
25	Zoledronic Acid-Gadolinium Coordination Polymer Nanorods for Improved Tumor Radioimmunotherapy by Synergetically Inducing Immunogenic Cell Death and Reprogramming the Immunosuppressive Microenvironment. <i>ACS Nano</i> , 2021, 15, 8450-8465.	14.6	59
26	The miR-17-92 MicroRNA Cluster Is Regulated by Multiple Mechanisms in B-Cell Malignancies. <i>American Journal of Pathology</i> , 2011, 179, 1645-1656.	3.8	58
27	Perfluorocarbon nanoparticle-mediated platelet inhibition promotes intratumoral infiltration of T cells and boosts immunotherapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11972-11977.	7.1	57
28	Facile Deposition of Manganese Dioxide to Albumin-Bound Paclitaxel Nanoparticles for Modulation of Hypoxic Tumor Microenvironment To Improve Chemoradiation Therapy. <i>Molecular Pharmaceutics</i> , 2018, 15, 447-457.	4.6	53
29	Floating matrix dosage form for phenoprolamine hydrochloride based on gas forming agent: In vitro and in vivo evaluation in healthy volunteers. <i>International Journal of Pharmaceutics</i> , 2006, 310, 139-145.	5.2	52
30	Copper-Based Nanoscale Coordination Polymers Augmented Tumor Radioimmunotherapy for Immunogenic Cell Death Induction and T-Cell Infiltration. <i>Small</i> , 2021, 17, e2006231.	10.0	50
31	Enhanced tolerance and antitumor efficacy by docetaxel-loaded albumin nanoparticles. <i>Drug Delivery</i> , 2016, 23, 2686-2696.	5.7	48
32	Symbiotic Algae-Bacteria Dressing for Producing Hydrogen to Accelerate Diabetic Wound Healing. <i>Nano Letters</i> , 2022, 22, 229-237.	9.1	48
33	Nano-oxygenated hydrogels for locally and permeably hypoxia relieving to heal chronic wounds. <i>Biomaterials</i> , 2022, 282, 121401.	11.4	45
34	Dendritic nanoconjugates of photosensitizer for targeted photodynamic therapy. <i>Acta Biomaterialia</i> , 2015, 21, 63-73.	8.3	42
35	NIR Light-Activated Drug Release for Synergetic Chemo-Photothermal Therapy. <i>Molecular Pharmaceutics</i> , 2017, 14, 242-251.	4.6	42
36	<i>E. coli</i> Membrane Vesicles as a Catalase Carrier for Long-Term Tumor Hypoxia Relief to Enhance Radiotherapy. <i>ACS Nano</i> , 2021, 15, 15381-15394.	14.6	37

#	ARTICLE	IF	CITATIONS
37	Highly Sensitized Radiotherapy Synergizes with the Intervention of the Pentose Phosphate Pathway for In Situ Tumor Vaccination. <i>Advanced Materials</i> , 2022, 34, e2109726.	21.0	34
38	Overcome the limitation of hypoxia against photodynamic therapy to treat cancer cells by using perfluorocarbon nanodroplet for photosensitizer delivery. <i>Biochemical and Biophysical Research Communications</i> , 2017, 487, 483-487.	2.1	33
39	Enhanced hepatic targeting, biodistribution and antifibrotic efficacy of tanshinone IIA loaded globin nanoparticles. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 73, 35-43.	4.0	31
40	Enhancement of endothelial differentiation of adipose derived mesenchymal stem cells by a three-dimensional culture system of microwell. <i>Biomaterials</i> , 2015, 53, 600-608.	11.4	28
41	Bifunctional liposomes reduce the chemotherapy resistance of doxorubicin induced by reactive oxygen species. <i>Biomaterials Science</i> , 2019, 7, 4782-4789.	5.4	28
42	A nano-photosensitizer based on covalent organic framework nanosheets with high loading and therapeutic efficacy. <i>Nanoscale</i> , 2020, 12, 7376-7382.	5.6	26
43	Liposome encapsulated perfluorohexane enhances radiotherapy in mice without additional oxygen supply. <i>Journal of Translational Medicine</i> , 2016, 14, 268.	4.4	24
44	The role of adhesions between homologous cancer cells in tumor progression and targeted therapy. <i>Expert Review of Anticancer Therapy</i> , 2017, 17, 517-526.	2.4	23
45	Photosynthetic microorganisms coupled photodynamic therapy for enhanced antitumor immune effect. <i>Bioactive Materials</i> , 2022, 12, 97-106.	15.6	23
46	Oxygen-rich chemotherapy via modified Abraxane to inhibit the growth and metastasis of triple-negative breast cancer. <i>Biomaterials Science</i> , 2019, 7, 168-177.	5.4	22
47	Self-assembled hemoglobin nanoparticles for improved oral photosensitizer delivery and oral photothermal therapy <i>in vivo</i> . <i>Nanomedicine</i> , 2017, 12, 1043-1055.	3.3	20
48	Novel copper-based and pH-sensitive nanomedicine for enhanced chemodynamic therapy. <i>Chemical Communications</i> , 2020, 56, 7753-7756.	4.1	20
49	A DNA-based nanocarrier for efficient cancer therapy. <i>Journal of Pharmaceutical Analysis</i> , 2021, 11, 330-339.	5.3	20
50	Floating Hydrogel with Self-Generating Micro-Bubbles for Intravesical Instillation. <i>Materials</i> , 2016, 9, 1005.	2.9	19
51	Artificial Red Blood Cells Constructed by Replacing Heme with Perfluorodecalin for Hypoxia-Induced Radioresistance. <i>Advanced Therapeutics</i> , 2019, 2, 1900031.	3.2	19
52	Recent Advances of Tumor Therapy Based on the CD47-SIRP $\alpha$ Axis. <i>Molecular Pharmaceutics</i> , 2022, 19, 1273-1293.	4.6	18
53	Recent advances in bitterness evaluation methods. <i>Analytical Methods</i> , 2012, 4, 599.	2.7	15
54	One-Step Self-Assembling Method to Prepare Dual-Functional Transferrin Nanoparticles for Antitumor Drug Delivery. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 1269-1276.	3.3	15

#	ARTICLE	IF	CITATIONS
55	Erythrocyte membrane nanoparticles improve the intestinal absorption of paclitaxel. <i>Biochemical and Biophysical Research Communications</i> , 2017, 488, 322-328.	2.1	15
56	Photosynthetic Microorganisms-Based Biophotothermal Therapy with Enhanced Immune Response. <i>Small</i> , 2021, 17, e2007734.	10.0	15
57	Acid Denaturation Inducing Self-Assembly of Curcumin-Loaded Hemoglobin Nanoparticles. <i>Materials</i> , 2015, 8, 8701-8713.	2.9	14
58	Synergy of hypoxia relief and chromatin remodeling to overcome tumor radiation resistance. <i>Biomaterials Science</i> , 2020, 8, 4739-4749.	5.4	14
59	Basic Fibroblast Growth Factor Ameliorates Endothelial Dysfunction in Radiation-Induced Bladder Injury. <i>BioMed Research International</i> , 2015, 2015, 1-10.	1.9	13
60	Clinical Evaluation of Serum Tumor Markers in Patients With Advanced-Stage Non-Small Cell Lung Cancer Treated With Palliative Chemotherapy in China. <i>Frontiers in Oncology</i> , 2020, 10, 800.	2.8	13
61	Rational design of drug-eluting stents via electrospray and in vivo evaluation of preventing oesophageal stricture. <i>RSC Advances</i> , 2014, 4, 16885-16892.	3.6	11
62	Versatile iron-vitamin K3 derivative-based nanoscale coordination polymer augments tumor ferroptotic therapy. <i>Nano Research</i> , 2021, 14, 2398.	10.4	11
63	Dendrimer conjugates for light-activated delivery of antisense oligonucleotides. <i>RSC Advances</i> , 2015, 5, 35195-35200.	3.6	10
64	Using HPLC to analyze (S)-oxiracetam and four related substances in the bulk drug of (S)-oxiracetam. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 180, 113072.	2.8	6
65	Application of isothermal titration calorimeter for screening bitterness-suppressing molecules of quinine. <i>Food Chemistry</i> , 2016, 190, 1007-1012.	8.2	5
66	Clinical evaluation of plasma coagulation parameters in patients with advanced-stage non-small cell lung cancer treated with palliative chemotherapy in China. <i>International Journal of Clinical Practice</i> , 2020, 74, e13619.	1.7	5
67	Sublingual injection of microparticles containing glycolipid ligands for NKT cells and subunit vaccines induces antibody responses in oral cavity. <i>Carbohydrate Research</i> , 2015, 405, 87-92.	2.3	4
68	A novel HPLC method for analysis of atosiban and its five related substances in atosiban acetate injection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 177, 112808.	2.8	4
69	Scintillator-based radiocatalytic superoxide radical production for long-term tumor DNA damage. <i>Biomaterials Science</i> , 2022, 10, 3433-3440.	5.4	2
70	L-1416, a novel MDR reversing agent with possible reduced calcium antagonism. <i>Pharmacological Reports</i> , 2014, 66, 1140-1147.	3.3	1
71	Enhanced photodynamic therapy by encapsulation of perfluorocarbon into PEGylated near-infrared dyes. <i>Cellular and Molecular Biology</i> , 2018, 64, 66-72.	0.9	1