Yiqiao Hu

List of Publications by Year in descending order

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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	Photosynthetic microorganisms coupled photodynamic therapy for enhanced antitumor immune effect. Bioactive Materials, 2022, 12, 97-106.	15.6	23
2	Highâ€Zâ€Sensitized Radiotherapy Synergizes with the Intervention of the Pentose Phosphate Pathway for In Situ Tumor Vaccination. Advanced Materials, 2022, 34, e2109726.	21.0	34
3	Systemic immune responses to irradiated tumours via the transport of antigens to the tumour periphery by injected flagellate bacteria. Nature Biomedical Engineering, 2022, 6, 44-53.	22.5	71
4	Nano-oxygenated hydrogels for locally and permeably hypoxia relieving to heal chronic wounds. Biomaterials, 2022, 282, 121401.	11.4	45
5	Symbiotic Algaeâ€“Bacteria Dressing for Producing Hydrogen to Accelerate Diabetic Wound Healing. Nano Letters, 2022, 22, 229-237.	9.1	48
6	Recent Advances of Tumor Therapy Based on the CD47-SIRPÎ± Axis. Molecular Pharmaceutics, 2022, 19, 1273-1293.	4.6	18
7	Scintillator-based radiocatalytic superoxide radical production for long-term tumor DNA damage. Biomaterials Science, 2022, 10, 3433-3440.	5.4	2
8	A DNA-based nanocarrier for efficient cancer therapy. Journal of Pharmaceutical Analysis, 2021, 11, 330-339.	5.3	20
9	Light-controlled oxygen production and collection for sustainable photodynamic therapy in tumor hypoxia. Biomaterials, 2021, 269, 120621.	11.4	68
10	Nanoscale coordination polymers induce immunogenic cell death by amplifying radiation therapy mediated oxidative stress. Nature Communications, 2021, 12, 145.	12.8	131
11	Copperâ€Based Nanoscale Coordination Polymers Augmented Tumor Radioimmunotherapy for Immunogenic Cell Death Induction and Tâ€Cell Infiltration. Small, 2021, 17, e2006231.	10.0	50
12	Photosynthetic Microorganismsâ€Based Biophotothermal Therapy with Enhanced Immune Response. Small, 2021, 17, e2007734.	10.0	15
13	Maintaining manganese in tumor to activate cGAS-STING pathway evokes a robust abscopal anti-tumor effect. Journal of Controlled Release, 2021, 331, 480-490.	9.9	66
14	Zoledronic Acidâ€“Gadolinium Coordination Polymer Nanorods for Improved Tumor Radioimmunotherapy by Synergetically Inducing Immunogenic Cell Death and Reprogramming the Immunosuppressive Microenvironment. ACS Nano, 2021, 15, 8450-8465.	14.6	59
15	E. coli Membrane Vesicles as a Catalase Carrier for Long-Term Tumor Hypoxia Relief to Enhance Radiotherapy. ACS Nano, 2021, 15, 15381-15394.	14.6	37
16	Versatile iron-vitamin K3 derivative-based nanoscale coordination polymer augments tumor ferroptotic therapy. Nano Research, 2021, 14, 2398.	10.4	11
17	A novel HPLC method for analysis of atosiban and its five related substances in atosiban acetate injection. Journal of Pharmaceutical and Biomedical Analysis, 2020, 177, 112808.	2.8	4
18	Using HPLC to analyze (S)-oxiracetam and four related substances in the bulk drug of (S)-oxiracetam. Journal of Pharmaceutical and Biomedical Analysis, 2020, 180, 113072.	2.8	6

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19	Hydrogel-Based Controlled Drug Delivery for Cancer Treatment: A Review. Molecular Pharmaceutics, 2020, 17, 373-391.	4.6	134
20	Clinical evaluation of plasma coagulation parameters in patients with advancedâ€stage nonâ€small cell lung cancer treated with palliative chemotherapy in China. International Journal of Clinical Practice, 2020, 74, e13619.	1.7	5
21	Synergy of hypoxia relief and chromatin remodeling to overcome tumor radiation resistance. Biomaterials Science, 2020, 8, 4739-4749.	5.4	14
22	Dissolved oxygen from microalgae-gel patch promotes chronic wound healing in diabetes. Science Advances, 2020, 6, eaba4311.	10.3	215
23	Clinical Evaluation of Serum Tumor Markers in Patients With Advanced-Stage Non-Small Cell Lung Cancer Treated With Palliative Chemotherapy in China. Frontiers in Oncology, 2020, 10, 800.	2.8	13
24	A nano-photosensitizer based on covalent organic framework nanosheets with high loading and therapeutic efficacy. Nanoscale, 2020, 12, 7376-7382.	5.6	26
25	Novel copper-based and pH-sensitive nanomedicine for enhanced chemodynamic therapy. Chemical Communications, 2020, 56, 7753-7756.	4.1	20
26	Covalent Organic Frameworkâ€Supported Molecularly Dispersed Nearâ€Infrared Dyes Boost Immunogenic Phototherapy against Tumors. Advanced Functional Materials, 2019, 29, 1902757.	14.9	106
27	Bifunctional liposomes reduce the chemotherapy resistance of doxorubicin induced by reactive oxygen species. Biomaterials Science, 2019, 7, 4782-4789.	5.4	28
28	Oxygen-rich chemotherapyviamodified Abraxane to inhibit the growth and metastasis of triple-negative breast cancer. Biomaterials Science, 2019, 7, 168-177.	5.4	22
29	Perfluorocarbon nanoparticle-mediated platelet inhibition promotes intratumoral infiltration of T cells and boosts immunotherapy. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11972-11977.	7.1	57
30	Artificial Red Blood Cells Constructed by Replacing Heme with Perfluorodecalin for Hypoxiaâ€Induced Radioresistance. Advanced Therapeutics, 2019, 2, 1900031.	3.2	19
31	Perfluorocarbon regulates the intratumoural environment to enhance hypoxia-based agent efficacy. Nature Communications, 2019, 10, 1580.	12.8	85
32	Facile Deposition of Manganese Dioxide to Albumin-Bound Paclitaxel Nanoparticles for Modulation of Hypoxic Tumor Microenvironment To Improve Chemoradiation Therapy. Molecular Pharmaceutics, 2018, 15, 447-457.	4.6	53
33	Two-stage oxygen delivery for enhanced radiotherapy by perfluorocarbon nanoparticles. Theranostics, 2018, 8, 4898-4911.	10.0	104
34	Perfluorocarbon Nanoparticles Mediated Platelet Blocking Disrupt Vascular Barriers to Improve the Efficacy of Oxygenâ€Sensitive Antitumor Drugs. Small, 2018, 14, e1801694.	10.0	67
35	Tumor Oxygenation and Hypoxia Inducible Factor-1 Functional Inhibition via a Reactive Oxygen Species Responsive Nanoplatform for Enhancing Radiation Therapy and Abscopal Effects. ACS Nano, 2018, 12, 8308-8322.	14.6	213
36	Enhanced photodynamic therapy by encapsulation of perfluorocarbon into PEGylated near-infared dyes. Cellular and Molecular Biology, 2018, 64, 66-72.	0.9	1

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37	Relighting Photosensitizers by Synergistic Integration of Albumin and Perfluorocarbon for Enhanced Photodynamic Therapy. ACS Applied Materials & Interfaces, 2017, 9, 3463-3473.	8.0	96
38	Bioreducible Cross-Linked Hyaluronic Acid/Calcium Phosphate Hybrid Nanoparticles for Specific Delivery of siRNA in Melanoma Tumor Therapy. ACS Applied Materials & Interfaces, 2017, 9, 14576-14589.	8.0	85
39	Overcome the limitation of hypoxia against photodynamic therapy to treat cancer cells by using perfluorocarbon nanodroplet for photosensitizer delivery. Biochemical and Biophysical Research Communications, 2017, 487, 483-487.	2.1	33
40	Erythrocyte membrane nanoparticles improve the intestinal absorption of paclitaxel. Biochemical and Biophysical Research Communications, 2017, 488, 322-328.	2.1	15
41	The role of adhesions between homologous cancer cells in tumor progression and targeted therapy. Expert Review of Anticancer Therapy, 2017, 17, 517-526.	2.4	23
42	Self-assembled hemoglobin nanoparticles for improved oral photosensitizer delivery and oral photothermal therapy in vivo. Nanomedicine, 2017, 12, 1043-1055.	3.3	20
43	NIR Light-Activated Drug Release for Synergetic Chemoâ€“Photothermal Therapy. Molecular Pharmaceutics, 2017, 14, 242-251.	4.6	42
44	Oxygen self-enriched nanoparticles functionalized with erythrocyte membranes for long circulation and enhanced phototherapy. Acta Biomaterialia, 2017, 59, 269-282.	8.3	121
45	Floating Hydrogel with Self-Generating Micro-Bubbles for Intravesical Instillation. Materials, 2016, 9, 1005.	2.9	19
46	Switchable PDT for reducing skin photosensitization by a NIR dye inducing self-assembled and photo-disassembled nanoparticles. Biomaterials, 2016, 107, 23-32.	11.4	82
47	Liposome encapsulated perfluorohexane enhances radiotherapy in mice without additional oxygen supply. Journal of Translational Medicine, 2016, 14, 268.	4.4	24
48	Enhanced tolerance and antitumor efficacy by docetaxel-loaded albumin nanoparticles. Drug Delivery, 2016, 23, 2686-2696.	5.7	48
49	One-Step Self-Assembling Method to Prepare Dual-Functional Transferrin Nanoparticles for Antitumor Drug Delivery. Journal of Pharmaceutical Sciences, 2016, 105, 1269-1276.	3.3	15
50	Application of isothermal titration calorimeter for screening bitterness-suppressing molecules of quinine. Food Chemistry, 2016, 190, 1007-1012.	8.2	5
51	Acid Denaturation Inducing Self-Assembly of Curcumin-Loaded Hemoglobin Nanoparticles. Materials, 2015, 8, 8701-8713.	2.9	14
52	Basic Fibroblast Growth Factor Ameliorates Endothelial Dysfunction in Radiation-Induced Bladder Injury. BioMed Research International, 2015, 2015, 1-10.	1.9	13
53	Sublingual injection of microparticles containing glycolipid ligands for NKT cells and subunit vaccines induces antibody responses in oral cavity. Carbohydrate Research, 2015, 405, 87-92.	2.3	4
54	Hydrophobic IR780 encapsulated in biodegradable human serum albumin nanoparticles for photothermal and photodynamic therapy. Acta Biomaterialia, 2015, 14, 61-69.	8.3	216

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55	Effective detection and quantification of dietetically absorbed plant microRNAs in human plasma. Journal of Nutritional Biochemistry, 2015, 26, 505-512.	4.2	137
56	Dendrimer conjugates for light-activated delivery of antisense oligonucleotides. RSC Advances, 2015, 5, 35195-35200.	3.6	10
57	Dendritic nanoconjugates of photosensitizer for targeted photodynamic therapy. Acta Biomaterialia, 2015, 21, 63-73.	8.3	42
58	Enhancement of endothelial differentiation of adipose derived mesenchymal stem cells by a three-dimensional culture system of microwell. Biomaterials, 2015, 53, 600-608.	11.4	28
59	Enhanced hepatic targeting, biodistribution and antifibrotic efficacy of tanshinone IIA loaded globin nanoparticles. European Journal of Pharmaceutical Sciences, 2015, 73, 35-43.	4.0	31
60	Self-assembled PEG-IR-780-C13 micelle as a targeting, safe and highly-effective photothermal agent for inÂvivo imaging and cancer therapy. Biomaterials, 2015, 51, 184-193.	11.4	159
61	Perfluorocarbon nanoparticles enhance reactive oxygen levels and tumour growth inhibition in photodynamic therapy. Nature Communications, 2015, 6, 8785.	12.8	784
62	L-1416, a novel MDR reversing agent with possible reduced calcium antagonism. Pharmacological Reports, 2014, 66, 1140-1147.	3.3	1
63	Rational design of drug-eluting stents via electrospray and in vivo evaluation of preventing oesophageal stricture. RSC Advances, 2014, 4, 16885-16892.	3.6	11
64	Application of Near-Infrared Dyes for Tumor Imaging, Photothermal, and Photodynamic Therapies. Journal of Pharmaceutical Sciences, 2013, 102, 6-28.	3.3	234
65	Nucleolin Targeting AS1411 Modified Protein Nanoparticle for Antitumor Drugs Delivery. Molecular Pharmaceutics, 2013, 10, 3555-3563.	4.6	110
66	Functionalized Graphene Oxide Mediated Adriamycin Delivery and miR-21 Gene Silencing to Overcome Tumor Multidrug Resistance In Vitro. PLoS ONE, 2013, 8, e60034.	2.5	140
67	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. PLoS ONE, 2013, 8, e82062.	2.5	79
68	Recent advances in bitterness evaluation methods. Analytical Methods, 2012, 4, 599.	2.7	15
69	The miR-17-92 MicroRNA Cluster Is Regulated by Multiple Mechanisms in B-Cell Malignancies. American Journal of Pathology, 2011, 179, 1645-1656.	3.8	58
70	Covalently Combining Carbon Nanotubes with Anticancer Agent: Preparation and Antitumor Activity. ACS Nano, 2009, 3, 2740-2750.	14.6	243
71	Floating matrix dosage form for phenoporlamine hydrochloride based on gas forming agent: In vitro and in vivo evaluation in healthy volunteers. International Journal of Pharmaceutics, 2006, 310, 139-145.	5.2	52