

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.

99 papers	3,878 citations	32 h-index	59 g-index
106 ext. papers	4,740 ext. citations	7.5 avg, IF	5.56 L-index

#	Paper	IF	Citations
99	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 ,	19	8
98	Photosynthetic microorganisms coupled photodynamic therapy for enhanced antitumor immune effect.. <i>Bioactive Materials</i> , 2022 , 12, 97-106	16.7	2
97	Versatile iron-vitamin K3 derivative-based nanoscale coordination polymer augments tumor ferroptotic therapy. <i>Nano Research</i> , 2021 , 14, 2398	10	3
96	Photosynthetic Microorganisms-Based Biophotothermal Therapy with Enhanced Immune Response. <i>Small</i> , 2021 , 17, e2007734	11	7
95	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	11.7	20
94	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	16.7	15
93	Light-controlled oxygen production and collection for sustainable photodynamic therapy in tumor hypoxia. <i>Biomaterials</i> , 2021 , 269, 120621	15.6	25
92	Nanoscale coordination polymers induce immunogenic cell death by amplifying radiation therapy mediated oxidative stress. <i>Nature Communications</i> , 2021 , 12, 145	17.4	36
91	Copper-Based Nanoscale Coordination Polymers Augmented Tumor Radioimmunotherapy for Immunogenic Cell Death Induction and T-Cell Infiltration. <i>Small</i> , 2021 , 17, e2006231	11	12
90	Development of a Novel and Stability Indicating RP-HPLC-UV Method for Simultaneous Analysis of Carbetocin and Ten Impurities in Carbetocin Injection Products. <i>Chromatographia</i> , 2021 , 84, 967-978	2.1	0
89	Membrane Vesicles as a Catalase Carrier for Long-Term Tumor Hypoxia Relief to Enhance Radiotherapy. <i>ACS Nano</i> , 2021 , 15, 15381-15394	16.7	3
88	Cancer-on-a-Chip for Modeling Immune Checkpoint Inhibitor and Tumor Interactions. <i>Small</i> , 2021 , 17, e2004282	11	12
87	Dissolved oxygen from microalgae-gel patch promotes chronic wound healing in diabetes. <i>Science Advances</i> , 2020 , 6, eaba4311	14.3	76
86	A nano-photosensitizer based on covalent organic framework nanosheets with high loading and therapeutic efficacy. <i>Nanoscale</i> , 2020 , 12, 7376-7382	7.7	16
85	Synergy of Tumor Microenvironment Remodeling and Autophagy Inhibition to Sensitize Radiation for Bladder Cancer Treatment. <i>Theranostics</i> , 2020 , 10, 7683-7696	12.1	13
84	Novel copper-based and pH-sensitive nanomedicine for enhanced chemodynamic therapy. <i>Chemical Communications</i> , 2020 , 56, 7753-7756	5.8	12
83	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	3.5	3

82	Hydrogel-Based Controlled Drug Delivery for Cancer Treatment: A Review. <i>Molecular Pharmaceutics</i> , 2020 , 17, 373-391	5.6	49
81	Anti-LDLR modified TPZ@Ce6-PEG complexes for tumor hypoxia-targeting chemo-/radio-/photodynamic/photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 648-654	7.3	18
80	Synergy of hypoxia relief and chromatin remodeling to overcome tumor radiation resistance. <i>Biomaterials Science</i> , 2020 , 8, 4739-4749	7.4	7
79	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	3.5	2
78	Bifunctional liposomes reduce the chemotherapy resistance of doxorubicin induced by reactive oxygen species. <i>Biomaterials Science</i> , 2019 , 7, 4782-4789	7.4	12
77	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	11.5	29
76	Artificial Red Blood Cells Constructed by Replacing Heme with Perfluorodecalin for Hypoxia-Induced Radioresistance. <i>Advanced Therapeutics</i> , 2019 , 2, 1900031	4.9	12
75	Perfluorocarbon regulates the intratumoural environment to enhance hypoxia-based agent efficacy. <i>Nature Communications</i> , 2019 , 10, 1580	17.4	57
74	Covalent Organic Framework-Supported Molecularly Dispersed Near-Infrared Dyes Boost Immunogenic Phototherapy against Tumors. <i>Advanced Functional Materials</i> , 2019 , 29, 1902757	15.6	69
73	Oxygen-rich chemotherapy via modified Abraxane to inhibit the growth and metastasis of triple-negative breast cancer. <i>Biomaterials Science</i> , 2018 , 7, 168-177	7.4	17
72	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	5.6	39
71	Tumor Oxygenation and Hypoxia Inducible Factor-1 Functional Inhibition via a Reactive Oxygen Species Responsive Nanoplatfor for Enhancing Radiation Therapy and Abscopal Effects. <i>ACS Nano</i> , 2018 , 12, 8308-8322	16.7	128
70	Enhanced photodynamic therapy by encapsulation of perfluorocarbon into PEGylated near-infrared dyes. <i>Cellular and Molecular Biology</i> , 2018 , 64, 66	1.1	6
69	Sodium tanshinone IIA sulfonate attenuates cardiac dysfunction and improves survival of rats with cecal ligation and puncture-induced sepsis. <i>Chinese Journal of Natural Medicines</i> , 2018 , 16, 846-855	2.8	10
68	Two-stage oxygen delivery for enhanced radiotherapy by perfluorocarbon nanoparticles. <i>Theranostics</i> , 2018 , 8, 4898-4911	12.1	69
67	Perfluorocarbon Nanoparticles Mediated Platelet Blocking Disrupt Vascular Barriers to Improve the Efficacy of Oxygen-Sensitive Antitumor Drugs. <i>Small</i> , 2018 , 14, e1801694	11	36
66	In vitro and in vivo antitumor properties of 7-epidocetaxel, a major impurity of docetaxel. <i>Tropical Journal of Pharmaceutical Research</i> , 2018 , 17, 1789	0.8	
65	Light-responsive CO bubble-generating polymeric micelles for tumor cell ablation. <i>MedChemComm</i> , 2017 , 8, 405-407	5	4

64	Relighting Photosensitizers by Synergistic Integration of Albumin and Perfluorocarbon for Enhanced Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 3463-3473	9.5	89
63	Self-assembled tumor-targeting hyaluronic acid nanoparticles for photothermal ablation in orthotopic bladder cancer. <i>Acta Biomaterialia</i> , 2017 , 53, 427-438	10.8	57
62	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	3.4	25
61	Erythrocyte membrane nanoparticles improve the intestinal absorption of paclitaxel. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 488, 322-328	3.4	12
60	NIR Light-Activated Drug Release for Synergetic Chemo-Photothermal Therapy. <i>Molecular Pharmaceutics</i> , 2017 , 14, 242-251	5.6	33
59	Enhancement of radiotherapy efficacy by pleiotropic liposomes encapsulated paclitaxel and perfluorotributylamine. <i>Drug Delivery</i> , 2017 , 24, 1419-1428	7	14
58	Oxygen self-enriched nanoparticles functionalized with erythrocyte membranes for long circulation and enhanced phototherapy. <i>Acta Biomaterialia</i> , 2017 , 59, 269-282	10.8	86
57	Drug delivery system based on dendritic nanoparticles for enhancement of intravesical instillation. <i>International Journal of Nanomedicine</i> , 2017 , 12, 7365-7374	7.3	11
56	Self-assembled albumin nanoparticles for combination therapy in prostate cancer. <i>International Journal of Nanomedicine</i> , 2017 , 12, 7777-7787	7.3	32
55	Application of isothermal titration calorimeter for screening bitterness-suppressing molecules of quinine. <i>Food Chemistry</i> , 2016 , 190, 1007-1012	8.5	5
54	Switchable PDT for reducing skin photosensitization by a NIR dye inducing self-assembled and photo-disassembled nanoparticles. <i>Biomaterials</i> , 2016 , 107, 23-32	15.6	65
53	Liposome encapsulated perfluorohexane enhances radiotherapy in mice without additional oxygen supply. <i>Journal of Translational Medicine</i> , 2016 , 14, 268	8.5	17
52	Self-assembled IR780-loaded transferrin nanoparticles as an imaging, targeting and PDT/PTT agent for cancer therapy. <i>Scientific Reports</i> , 2016 , 6, 27421	4.9	174
51	Enhanced tolerance and antitumor efficacy by docetaxel-loaded albumin nanoparticles. <i>Drug Delivery</i> , 2016 , 23, 2686-2696	7	36
50	One-Step Self-Assembling Method to Prepare Dual-Functional Transferrin Nanoparticles for Antitumor Drug Delivery. <i>Journal of Pharmaceutical Sciences</i> , 2016 , 105, 1269-76	3.9	13
49	Photothermal Ablation of in Situ Renal Tumor by PEG-IR780-C13 Micelles and Near-Infrared Irradiation. <i>Molecular Pharmaceutics</i> , 2016 , 13, 829-38	5.6	23
48	Visualized intravesical floating hydrogel encapsulating vaporized perfluoropentane for controlled drug release. <i>Drug Delivery</i> , 2016 , 23, 2820-2826	7	22
47	Floating Hydrogel with Self-Generating Micro-Bubbles for Intravesical Instillation. <i>Materials</i> , 2016 , 9,	3.5	9

46	Hydrophobic IR780 encapsulated in biodegradable human serum albumin nanoparticles for photothermal and photodynamic therapy. <i>Acta Biomaterialia</i> , 2015 , 14, 61-9	10.8	177
45	Effective detection and quantification of dietetically absorbed plant microRNAs in human plasma. <i>Journal of Nutritional Biochemistry</i> , 2015 , 26, 505-12	6.3	101
44	Dendrimer Conjugates for Light-activated Delivery of Antisense Oligonucleotides. <i>RSC Advances</i> , 2015 , 5, 35195-35200	3.7	8
43	Dendritic nanoconjugates of photosensitizer for targeted photodynamic therapy. <i>Acta Biomaterialia</i> , 2015 , 21, 63-73	10.8	36
42	Enhancement of endothelial differentiation of adipose derived mesenchymal stem cells by a three-dimensional culture system of microwell. <i>Biomaterials</i> , 2015 , 53, 600-8	15.6	22
41	Enhanced hepatic targeting, biodistribution and antifibrotic efficacy of tanshinone IIA loaded globin nanoparticles. <i>European Journal of Pharmaceutical Sciences</i> , 2015 , 73, 35-43	5.1	28
40	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	15.6	134
39	Perfluorocarbon nanoparticles enhance reactive oxygen levels and tumour growth inhibition in photodynamic therapy. <i>Nature Communications</i> , 2015 , 6, 8785	17.4	599
38	Acid Denaturation Inducing Self-Assembly of Curcumin-Loaded Hemoglobin Nanoparticles. <i>Materials</i> , 2015 , 8, 8701-8713	3.5	11
37	Basic Fibroblast Growth Factor Ameliorates Endothelial Dysfunction in Radiation-Induced Bladder Injury. <i>BioMed Research International</i> , 2015 , 2015, 967680	3	12
36	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	2.9	3
35	Replacing heme with paclitaxel to prepare drug-loaded globin nanoassemblies for CD163 targeting. <i>Journal of Pharmaceutical Sciences</i> , 2015 , 104, 1045-55	3.9	12
34	Activatable photodynamic destruction of cancer cells by NIR dye/photosensitizer loaded liposomes. <i>Chemical Communications</i> , 2015 , 51, 3340-2	5.8	56
33	HZ08 reverse P-glycoprotein mediated multidrug resistance in vitro and in vivo. <i>PLoS ONE</i> , 2015 , 10, e0116886	3.7	6
32	In situ floating hydrogel for intravesical delivery of adriamycin without blocking urinary tract. <i>Journal of Pharmaceutical Sciences</i> , 2014 , 103, 927-36	3.9	31
31	Novel self-assembly endows human serum albumin nanoparticles with an enhanced antitumor efficacy. <i>AAPS PharmSciTech</i> , 2014 , 15, 213-22	3.9	46
30	Rational design of drug-eluting stents via electrospray and in vivo evaluation of preventing oesophageal stricture. <i>RSC Advances</i> , 2014 , 4, 16885-16892	3.7	10
29	A floating hydrogel system capable of generating CO ₂ bubbles to diminish urinary obstruction after intravesical instillation. <i>Pharmaceutical Research</i> , 2014 , 31, 2655-63	4.5	16

28	L-1416, a novel MDR reversing agent with possible reduced calcium antagonism. <i>Pharmacological Reports</i> , 2014 , 66, 1140-7	3.9	1
27	Engineering three-dimensional cardiac microtissues for potential drug screening applications. <i>Current Medicinal Chemistry</i> , 2014 , 21, 2497-509	4.3	13
26	Application of near-infrared dyes for tumor imaging, photothermal, and photodynamic therapies. <i>Journal of Pharmaceutical Sciences</i> , 2013 , 102, 6-28	3.9	204
25	Multifaceted applications of nanomaterials in cell engineering and therapy. <i>Biotechnology Advances</i> , 2013 , 31, 638-53	17.8	19
24	A novel self-assembly albumin nanocarrier for reducing doxorubicin-mediated cardiotoxicity. <i>Journal of Pharmaceutical Sciences</i> , 2013 , 102, 1626-35	3.9	39
23	Nucleolin targeting AS1411 modified protein nanoparticle for antitumor drugs delivery. <i>Molecular Pharmaceutics</i> , 2013 , 10, 3555-63	5.6	96
22	Directed self-assembly of microscale hydrogels by electrostatic interaction. <i>Biofabrication</i> , 2013 , 5, 035004	10.5	61
21	Potential application of titanium dioxide nanoparticles in the prevention of osteosarcoma and chondrosarcoma recurrence. <i>Journal of Nanoscience and Nanotechnology</i> , 2013 , 13, 1208-11	1.3	21
20	Hypoxia inducible factor stabilization as a novel strategy to treat anemia. <i>Current Medicinal Chemistry</i> , 2013 , 20, 2697-711	4.3	15
19	Enhanced antitumor efficacy of cisplatin by tirapazamine-transferrin conjugate. <i>International Journal of Pharmaceutics</i> , 2012 , 431, 190-6	6.5	10
18	Engineering three-dimensional cell mechanical microenvironment with hydrogels. <i>Biofabrication</i> , 2012 , 4, 042001	10.5	123
17	Recent advances in bitterness evaluation methods. <i>Analytical Methods</i> , 2012 , 4, 599	3.2	10
16	Molecular switch for the assembly of lipophilic drug incorporated plasma protein nanoparticles and in vivo image. <i>Biomacromolecules</i> , 2012 , 13, 23-8	6.9	49
15	Overcoming multidrug-resistance in vitro and in vivo using the novel P-glycoprotein inhibitor 1416. <i>Bioscience Reports</i> , 2012 , 32, 559-66	4.1	26
14	Current advances in vehicles for brain gene delivery. <i>Current Gene Therapy</i> , 2012 , 12, 423-36	4.3	9
13	Adult cardiac progenitor cell aggregates exhibit survival benefit both in vitro and in vivo. <i>PLoS ONE</i> , 2012 , 7, e50491	3.7	27
12	Microengineering methods for cell-based microarrays and high-throughput drug-screening applications. <i>Biofabrication</i> , 2011 , 3, 034101	10.5	80
11	Fabrication of a nanocarrier system through self-assembly of plasma protein and its tumor targeting. <i>Nanotechnology</i> , 2011 , 22, 295603	3.4	36

10	Advances in cell-based biosensors using three-dimensional cell-encapsulating hydrogels. <i>Biotechnology Journal</i> , 2011 , 6, 1466-76	5.6	8
9	Microfluidic synthesis of composite cross-gradient materials for investigating cell-biomaterial interactions. <i>Biotechnology and Bioengineering</i> , 2011 , 108, 175-85	4.9	27
8	A sandwiched microarray platform for benchtop cell-based high throughput screening. <i>Biomaterials</i> , 2011 , 32, 841-8	15.6	54
7	Local gene delivery for cancer therapy. <i>Current Gene Therapy</i> , 2011 , 11, 423-32	4.3	19
6	Sustained delivery of endostatin improves the efficacy of therapy in Lewis lung cancer model. <i>Journal of Controlled Release</i> , 2009 , 134, 91-7	11.7	12
5	Microspheres made by w/o/o emulsion method with reduced initial burst for long-term delivery of endostar, a novel recombinant human endostatin. <i>Journal of Pharmaceutical Sciences</i> , 2009 , 98, 2051-8	3.9	16
4	Characterization of angiotensin II antagonism displayed by Ib, a novel nonpeptide angiotensin AT(1) receptor antagonist. <i>European Journal of Pharmacology</i> , 2008 , 589, 220-4	5.3	12
3	A simple method for obtaining transferrins from human plasma and porcine serum: preparations and properties. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008 , 867, 62-8	3.2	8
2	[Ca ²⁺] _i and PKC- α are involved in the inhibitory effects of Ib, a novel nonpeptide AngiotensinII subtype AT1 receptor antagonist, on AngiotensinII-induced vascular contraction in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 364, 118-23	3.4	9
1	Polyoxyethylene 40 stearate modulates multidrug resistance and enhances antitumor activity of vinblastine sulfate. <i>AAPS Journal</i> , 2007 , 9, E329-35	3.7	10