

Chao Wang

List of Publications by Citations

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158
papers

24,706
citations

76
h-index

157
g-index

171
ext. papers

28,361
ext. citations

13.7
avg, IF

7.31
L-index

#	Paper	IF	Citations
158	Functional nanomaterials for phototherapies of cancer. <i>Chemical Reviews</i> , 2014 , 114, 10869-939	68.1	1771
157	Photothermal therapy with immune-adjuvant nanoparticles together with checkpoint blockade for effective cancer immunotherapy. <i>Nature Communications</i> , 2016 , 7, 13193	17.4	963
156	Drug delivery with PEGylated MoS ₂ nano-sheets for combined photothermal and chemotherapy of cancer. <i>Advanced Materials</i> , 2014 , 26, 3433-40	24	919
155	PEGylated WS(2) nanosheets as a multifunctional theranostic agent for in vivo dual-modal CT/photoacoustic imaging guided photothermal therapy. <i>Advanced Materials</i> , 2014 , 26, 1886-93	24	899
154	Photothermally enhanced photodynamic therapy delivered by nano-graphene oxide. <i>ACS Nano</i> , 2011 , 5, 7000-9	16.7	874
153	Near-infrared light induced in vivo photodynamic therapy of cancer based on upconversion nanoparticles. <i>Biomaterials</i> , 2011 , 32, 6145-54	15.6	675
152	Drug delivery with upconversion nanoparticles for multi-functional targeted cancer cell imaging and therapy. <i>Biomaterials</i> , 2011 , 32, 1110-20	15.6	548
151	Facile preparation of multifunctional upconversion nanoprobe for multimodal imaging and dual-targeted photothermal therapy. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 7385-90	16.4	526
150	Enhanced Cancer Immunotherapy by Microneedle Patch-Assisted Delivery of Anti-PD1 Antibody. <i>Nano Letters</i> , 2016 , 16, 2334-40	11.5	446
149	In situ sprayed bioresponsive immunotherapeutic gel for post-surgical cancer treatment. <i>Nature Nanotechnology</i> , 2019 , 14, 89-97	28.7	424
148	Immunological responses triggered by photothermal therapy with carbon nanotubes in combination with anti-CTLA-4 therapy to inhibit cancer metastasis. <i>Advanced Materials</i> , 2014 , 26, 8154-62 ⁴	24	413
147	Iron oxide decorated MoS ₂ nanosheets with double PEGylation for chelator-free radiolabeling and multimodal imaging guided photothermal therapy. <i>ACS Nano</i> , 2015 , 9, 950-60	16.7	406
146	Iron oxide @ polypyrrole nanoparticles as a multifunctional drug carrier for remotely controlled cancer therapy with synergistic antitumor effect. <i>ACS Nano</i> , 2013 , 7, 6782-95	16.7	404
145	In vitro and in vivo uncaging and bioluminescence imaging by using photocaged upconversion nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 3125-9	16.4	398
144	Self-assembled DNA nanoclews for the efficient delivery of CRISPR-Cas9 for genome editing. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 12029-33	16.4	393
143	Noble metal coated single-walled carbon nanotubes for applications in surface enhanced Raman scattering imaging and photothermal therapy. <i>Journal of the American Chemical Society</i> , 2012 , 134, 7414-22 ⁴	16.4	391
142	Single-band upconversion emission in lanthanide-doped KMnF ₃ nanocrystals. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 10369-72	16.4	389

141	Recent advances of cocktail chemotherapy by combination drug delivery systems. <i>Advanced Drug Delivery Reviews</i> , 2016 , 98, 19-34	18.5	384
140	Tumor metastasis inhibition by imaging-guided photothermal therapy with single-walled carbon nanotubes. <i>Advanced Materials</i> , 2014 , 26, 5646-52	24	383
139	Anticancer Platelet-Mimicking Nanovehicles. <i>Advanced Materials</i> , 2015 , 27, 7043-50	24	368
138	Light-Activated Hypoxia-Responsive Nanocarriers for Enhanced Anticancer Therapy. <i>Advanced Materials</i> , 2016 , 28, 3313-20	24	355
137	An imagable and photothermal "Abraxane-like" nanodrug for combination cancer therapy to treat subcutaneous and metastatic breast tumors. <i>Advanced Materials</i> , 2015 , 27, 903-10	24	340
136	Transformable liquid-metal nanomedicine. <i>Nature Communications</i> , 2015 , 6, 10066	17.4	320
135	In situ formed reactive oxygen species-responsive scaffold with gemcitabine and checkpoint inhibitor for combination therapy. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	318
134	Erythrocyte-Membrane-Enveloped Perfluorocarbon as Nanoscale Artificial Red Blood Cells to Relieve Tumor Hypoxia and Enhance Cancer Radiotherapy. <i>Advanced Materials</i> , 2017 , 29, 1701429	24	315
133	Upconversion nanoparticles for photodynamic therapy and other cancer therapeutics. <i>Theranostics</i> , 2013 , 3, 317-30	12.1	307
132	Upconversion nanoparticles and their composite nanostructures for biomedical imaging and cancer therapy. <i>Nanoscale</i> , 2013 , 5, 23-37	7.7	303
131	Imaging-Guided pH-Sensitive Photodynamic Therapy Using Charge Reversible Upconversion Nanoparticles under Near-Infrared Light. <i>Advanced Functional Materials</i> , 2013 , 23, 3077-3086	15.6	294
130	Graphene-based magnetic plasmonic nanocomposite for dual bioimaging and photothermal therapy. <i>Biomaterials</i> , 2013 , 34, 4786-93	15.6	282
129	In situ activation of platelets with checkpoint inhibitors for post-surgical cancer immunotherapy. <i>Nature Biomedical Engineering</i> , 2017 , 1,	19	278
128	Combined photothermal and photodynamic therapy delivered by PEGylated MoS ₂ nanosheets. <i>Nanoscale</i> , 2014 , 6, 11219-25	7.7	277
127	Drug-Induced Self-Assembly of Modified Albumins as Nano-theranostics for Tumor-Targeted Combination Therapy. <i>ACS Nano</i> , 2015 , 9, 5223-33	16.7	269
126	Protein modified upconversion nanoparticles for imaging-guided combined photothermal and photodynamic therapy. <i>Biomaterials</i> , 2014 , 35, 2915-23	15.6	265
125	Precise nanomedicine for intelligent therapy of cancer. <i>Science China Chemistry</i> , 2018 , 61, 1503-1552	7.9	256
124	Polymer encapsulated upconversion nanoparticle/iron oxide nanocomposites for multimodal imaging and magnetic targeted drug delivery. <i>Biomaterials</i> , 2011 , 32, 9364-73	15.6	251

123	Amplifying the red-emission of upconverting nanoparticles for biocompatible clinically used prodrug-induced photodynamic therapy. <i>ACS Nano</i> , 2014 , 8, 10621-30	16.7	230
122	Ultra-Small Iron Oxide Doped Polypyrrole Nanoparticles for In Vivo Multimodal Imaging Guided Photothermal Therapy. <i>Advanced Functional Materials</i> , 2014 , 24, 1194-1201	15.6	226
121	Synergistic Transcutaneous Immunotherapy Enhances Antitumor Immune Responses through Delivery of Checkpoint Inhibitors. <i>ACS Nano</i> , 2016 , 10, 8956-63	16.7	215
120	Inflammation-Triggered Cancer Immunotherapy by Programmed Delivery of CpG and Anti-PD1 Antibody. <i>Advanced Materials</i> , 2016 , 28, 8912-8920	24	213
119	PEGylated Micelle Nanoparticles Encapsulating a Non-Fluorescent Near-Infrared Organic Dye as a Safe and Highly-Effective Photothermal Agent for In Vivo Cancer Therapy. <i>Advanced Functional Materials</i> , 2013 , 23, 5893-5902	15.6	212
118	A melanin-mediated cancer immunotherapy patch. <i>Science Immunology</i> , 2017 , 2,	28	209
117	Photosensitizer-Conjugated Albumin-Polypyrrole Nanoparticles for Imaging-Guided In Vivo Photodynamic/Photothermal Therapy. <i>Small</i> , 2015 , 11, 3932-41	11	209
116	Photothermal cancer immunotherapy by erythrocyte membrane-coated black phosphorus formulation. <i>Journal of Controlled Release</i> , 2019 , 296, 150-161	11.7	205
115	Mesoporous Silica Coated Single-Walled Carbon Nanotubes as a Multifunctional Light-Responsive Platform for Cancer Combination Therapy. <i>Advanced Functional Materials</i> , 2015 , 25, 384-392	15.6	202
114	Conjugated polymers for photothermal therapy of cancer. <i>Polymer Chemistry</i> , 2014 , 5, 1573-1580	4.9	191
113	Multifunctional theranostic red blood cells for magnetic-field-enhanced in vivo combination therapy of cancer. <i>Advanced Materials</i> , 2014 , 26, 4794-802	24	183
112	Injectable Bioresponsive Gel Depot for Enhanced Immune Checkpoint Blockade. <i>Advanced Materials</i> , 2018 , 30, e1801527	24	179
111	Tailoring Biomaterials for Cancer Immunotherapy: Emerging Trends and Future Outlook. <i>Advanced Materials</i> , 2017 , 29, 1606036	24	178
110	Photothermal Therapy Promotes Tumor Infiltration and Antitumor Activity of CAR T Cells. <i>Advanced Materials</i> , 2019 , 31, e1900192	24	178
109	Near-infrared dye bound albumin with separated imaging and therapy wavelength channels for imaging-guided photothermal therapy. <i>Biomaterials</i> , 2014 , 35, 8206-14	15.6	176
108	Facile Preparation of Multifunctional Upconversion Nanoprobes for Multimodal Imaging and Dual-Targeted Photothermal Therapy. <i>Angewandte Chemie</i> , 2011 , 123, 7523-7528	3.6	172
107	PEG-functionalized iron oxide nanoclusters loaded with chlorin e6 for targeted, NIR light induced, photodynamic therapy. <i>Biomaterials</i> , 2013 , 34, 9160-70	15.6	163
106	Antigen-Loaded Upconversion Nanoparticles for Dendritic Cell Stimulation, Tracking, and Vaccination in Dendritic Cell-Based Immunotherapy. <i>ACS Nano</i> , 2015 , 9, 6401-11	16.7	160

105	Self-Supplied Tumor Oxygenation through Separated Liposomal Delivery of HO and Catalase for Enhanced Radio-Immunotherapy of Cancer. <i>Nano Letters</i> , 2018 , 18, 6360-6368	11.5	158
104	Light-Triggered In Situ Gelation to Enable Robust Photodynamic-Immunotherapy by Repeated Stimulations. <i>Advanced Materials</i> , 2019 , 31, e1900927	24	157
103	Conjugation of haematopoietic stem cells and platelets decorated with anti-PD-1 antibodies augments anti-leukaemia efficacy. <i>Nature Biomedical Engineering</i> , 2018 , 2, 831-840	19	143
102	PD-1 Blockade Cellular Vesicles for Cancer Immunotherapy. <i>Advanced Materials</i> , 2018 , 30, e1707112	24	138
101	Microneedles Integrated with Pancreatic Cells and Synthetic Glucose-Signal Amplifiers for Smart Insulin Delivery. <i>Advanced Materials</i> , 2016 , 28, 3115-3121	24	138
100	Remotely Controlled Red Blood Cell Carriers for Cancer Targeting and Near-Infrared Light-Triggered Drug Release in Combined Photothermal Chemotherapy. <i>Advanced Functional Materials</i> , 2015 , 25, 2386-2394	15.6	133
99	Core-Shell Microneedle Gel for Self-Regulated Insulin Delivery. <i>ACS Nano</i> , 2018 , 12, 2466-2473	16.7	132
98	Red blood cell-derived nanoerythroosome for antigen delivery with enhanced cancer immunotherapy. <i>Science Advances</i> , 2019 , 5, eaaw6870	14.3	131
97	Multifunctional Upconversion Nanoparticles for Dual-Modal Imaging-Guided Stem Cell Therapy under Remote Magnetic Control. <i>Advanced Functional Materials</i> , 2013 , 23, 272-280	15.6	125
96	A general strategy towards personalized nanovaccines based on fluoropolymers for post-surgical cancer immunotherapy. <i>Nature Nanotechnology</i> , 2020 , 15, 1043-1052	28.7	124
95	Towards whole-body imaging at the single cell level using ultra-sensitive stem cell labeling with oligo-arginine modified upconversion nanoparticles. <i>Biomaterials</i> , 2012 , 33, 4872-81	15.6	121
94	Iron Nanoparticles for Low-Power Local Magnetic Hyperthermia in Combination with Immune Checkpoint Blockade for Systemic Antitumor Therapy. <i>Nano Letters</i> , 2019 , 19, 4287-4296	11.5	113
93	Engineering PD-1-Presenting Platelets for Cancer Immunotherapy. <i>Nano Letters</i> , 2018 , 18, 5716-5725	11.5	113
92	Photoacoustic Imaging Guided Near-Infrared Photothermal Therapy Using Highly Water-Dispersible Single-Walled Carbon Nanohorns as Theranostic Agents. <i>Advanced Functional Materials</i> , 2014 , 24, 6621-6628	15.6	111
91	ROS-scavenging hydrogel to promote healing of bacteria infected diabetic wounds. <i>Biomaterials</i> , 2020 , 258, 120286	15.6	108
90	Protamine Functionalized Single-Walled Carbon Nanotubes for Stem Cell Labeling and In Vivo Raman/Magnetic Resonance/Photoacoustic Triple-Modal Imaging. <i>Advanced Functional Materials</i> , 2012 , 22, 2363-2375	15.6	106
89	Gold nanorod-cored biodegradable micelles as a robust and remotely controllable doxorubicin release system for potent inhibition of drug-sensitive and -resistant cancer cells. <i>Biomacromolecules</i> , 2013 , 14, 2411-9	6.9	106
88	Red Blood Cells for Glucose-Responsive Insulin Delivery. <i>Advanced Materials</i> , 2017 , 29, 1606617	24	100

87	Red Blood Cells as Smart Delivery Systems. <i>Bioconjugate Chemistry</i> , 2018 , 29, 852-860	6.3	96
86	Fluorescent N-Doped Carbon Dots as in Vitro and in Vivo Nanothermometer. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 27324-30	9.5	95
85	Simultaneous isolation and detection of circulating tumor cells with a microfluidic silicon-nanowire-array integrated with magnetic upconversion nanoprobe. <i>Biomaterials</i> , 2015 , 54, 55-62 ^{15.6}	15.6	89
84	Built-In Active Microneedle Patch with Enhanced Autonomous Drug Delivery. <i>Advanced Materials</i> , 2020 , 32, e1905740	24	80
83	Folate-conjugated crosslinked biodegradable micelles for receptor-mediated delivery of paclitaxel. <i>Journal of Materials Chemistry</i> , 2011 , 21, 5786		77
82	J-aggregates of organic dye molecules complexed with iron oxide nanoparticles for imaging-guided photothermal therapy under 915-nm light. <i>Small</i> , 2014 , 10, 4362-70	11	74
81	Localized cocktail chemoimmunotherapy after in situ gelation to trigger robust systemic antitumor immune responses. <i>Science Advances</i> , 2020 , 6, eaaz4204	14.3	70
80	In Vitro and In Vivo Uncaging and Bioluminescence Imaging by Using Photocaged Upconversion Nanoparticles. <i>Angewandte Chemie</i> , 2012 , 124, 3179-3183	3.6	70
79	Toward Biomaterials for Enhancing Immune Checkpoint Blockade Therapy. <i>Advanced Functional Materials</i> , 2018 , 28, 1802540	15.6	69
78	Polydopamine Coated Selenide Molybdenum: A New Photothermal Nanocarrier for Highly Effective Chemo-Photothermal Synergistic Therapy. <i>ACS Biomaterials Science and Engineering</i> , 2016 , 2, 2011-2017 ^{5.5}	5.5	68
77	cRGD-directed, NIR-responsive and robust AuNR/PEG-PCL hybrid nanoparticles for targeted chemotherapy of glioblastoma in vivo. <i>Journal of Controlled Release</i> , 2014 , 195, 63-71	11.7	67
76	Nanoparticle-mediated drug delivery to tumor neovasculature to combat P-gp expressing multidrug resistant cancer. <i>Biomaterials</i> , 2013 , 34, 6163-74	15.6	66
75	Thrombin-Responsive Transcutaneous Patch for Auto-Anticoagulant Regulation. <i>Advanced Materials</i> , 2017 , 29, 1604043	24	65
74	Aptamer-conjugated upconversion nanoprobe assisted by magnetic separation for effective isolation and sensitive detection of circulating tumor cells. <i>Nano Research</i> , 2014 , 7, 1327-1336	10	59
73	Delivery Strategies for Immune Checkpoint Blockade. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1800424 ^{10.1}	10.1	57
72	Selective eradication of tumor vascular pericytes by peptide-conjugated nanoparticles for antiangiogenic therapy of melanoma lung metastasis. <i>Biomaterials</i> , 2014 , 35, 3060-70	15.6	56
71	Specific "Unlocking" of a Nanozyme-Based Butterfly Effect To Break the Evolutionary Fitness of Chaotic Tumors. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 9491-9497	16.4	55
70	Carrier-free, functionalized drug nanoparticles for targeted drug delivery. <i>Chemical Communications</i> , 2012 , 48, 8120-2	5.8	54

69	Calming Cytokine Storm in Pneumonia by Targeted Delivery of TPCA-1 Using Platelet-Derived Extracellular Vesicles. <i>Matter</i> , 2020 , 3, 287-301	12.7	53
68	Hydrogel-Based Controlled Drug Delivery for Cancer Treatment: A Review. <i>Molecular Pharmaceutics</i> , 2020 , 17, 373-391	5.6	49
67	Red Blood Cells for Drug Delivery. <i>Small Methods</i> , 2017 , 1, 1700270	12.8	45
66	Artificial Mini Dendritic Cells Boost T Cell-Based Immunotherapy for Ovarian Cancer. <i>Advanced Science</i> , 2020 , 7, 1903301	13.6	44
65	Single-Band Upconversion Emission in Lanthanide-Doped KMnF ₃ Nanocrystals. <i>Angewandte Chemie</i> , 2011 , 123, 10553-10556	3.6	44
64	Photosensitizer Decorated Red Blood Cells as an Ultrasensitive Light-Responsive Drug Delivery System. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 5855-5863	9.5	41
63	Bioengineering of Artificial Antigen Presenting Cells and Lymphoid Organs. <i>Theranostics</i> , 2017 , 7, 3504-3516	15.6	41
62	Transformable DNA nanocarriers for plasma membrane targeted delivery of cytokine. <i>Biomaterials</i> , 2016 , 96, 1-10	15.6	39
61	In situ thermal ablation of tumors in combination with nano-adjuvant and immune checkpoint blockade to inhibit cancer metastasis and recurrence. <i>Biomaterials</i> , 2019 , 224, 119490	15.6	36
60	In vitro and in vivo photothermally enhanced chemotherapy by single-walled carbon nanohorns as a drug delivery system. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 4726-4732	7.3	35
59	Platelets as platforms for inhibition of tumor recurrence post-physical therapy by delivery of anti-PD-L1 checkpoint antibody. <i>Journal of Controlled Release</i> , 2019 , 304, 233-241	11.7	34
58	In Situ Formed Fibrin Scaffold with Cyclophosphamide to Synergize with Immune Checkpoint Blockade for Inhibition of Cancer Recurrence after Surgery. <i>Advanced Functional Materials</i> , 2020 , 30, 1906922	15.6	33
57	An implantable blood clot-based immune niche for enhanced cancer vaccination. <i>Science Advances</i> , 2020 , 6,	14.3	33
56	Cell membrane-coated nanoparticles: research advances. <i>Nanomedicine</i> , 2020 , 15, 625-641	5.6	32
55	Mn-Fe layered double hydroxide nanosheets: a new photothermal nanocarrier for O-evolving phototherapy. <i>Chemical Communications</i> , 2018 , 54, 11729-11732	5.8	30
54	Plant Virus-Like Particle In Situ Vaccine for Intracranial Glioma Immunotherapy. <i>Cancers</i> , 2019 , 11,	6.6	29
53	The enhanced permeability and retention effect based nanomedicine at the site of injury. <i>Nano Research</i> , 2020 , 13, 564-569	10	28
52	Investigation and intervention of autophagy to guide cancer treatment with nanogels. <i>Nanoscale</i> , 2017 , 9, 150-163	7.7	27

51	Stem Cell Labeling and Tracking with Nanoparticles. <i>Particle and Particle Systems Characterization</i> , 2013 , 30, 1006-1017	3.1	26
50	Internalized compartments encapsulated nanogels for targeted drug delivery. <i>Nanoscale</i> , 2016 , 8, 9178-9184	3.4	26
49	Light-controlled oxygen production and collection for sustainable photodynamic therapy in tumor hypoxia. <i>Biomaterials</i> , 2021 , 269, 120621	15.6	25
48	Suppression of colorectal cancer subcutaneous xenograft and experimental lung metastasis using nanoparticle-mediated drug delivery to tumor neovasculature. <i>Biomaterials</i> , 2014 , 35, 1215-26	15.6	24
47	Delta-like ligand 4-targeted nanomedicine for antiangiogenic cancer therapy. <i>Biomaterials</i> , 2015 , 42, 161-71	15.6	23
46	Protein-Engineered Biomaterials for Cancer Theranostics. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1800913	11.3	21
45	Development of Lactobacillus kimchicus DCY51-mediated gold nanoparticles for delivery of ginsenoside compound K: in vitro photothermal effects and apoptosis detection in cancer cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019 , 47, 30-44	6.1	20
44	Gram-scale fabrication of Bi@C nanoparticles through one-step hydrothermal method for dual-modal imaging-guided NIR-II photothermal therapy. <i>Nanoscale</i> , 2019 , 11, 9906-9911	7.7	19
43	Take Immune Cells Back on Track: Glycopolymer-Engineered Tumor Cells for Triggering Immune Response. <i>ACS Macro Letters</i> , 2019 , 8, 337-344	6.6	19
42	Engineered biomaterials for cancer immunotherapy. <i>MedComm</i> , 2020 , 1, 35-46	2.2	19
41	Near-Infrared Light-Responsive Nitric Oxide Delivery Platform for Enhanced Radioimmunotherapy. <i>Nano-Micro Letters</i> , 2020 , 12, 100	19.5	18
40	Magnetic PEGylated Pt3Co nanoparticles as a novel MR contrast agent: in vivo MR imaging and long-term toxicity study. <i>Nanoscale</i> , 2013 , 5, 12464-73	7.7	18
39	Biodegradable iron-coordinated hollow polydopamine nanospheres for dihydroartemisinin delivery and selectively enhanced therapy in tumor cells. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 6172-6180	7.3	16
38	The use of nanoparticulate delivery systems in metronomic chemotherapy. <i>Biomaterials</i> , 2013 , 34, 3925-3937	11.7	16
37	Bioadhesive injectable hydrogel with phenolic carbon quantum dot supported Pd single atom nanozymes as a localized immunomodulation niche for cancer catalytic immunotherapy. <i>Biomaterials</i> , 2021 , 280, 121272	15.6	16
36	Ultrasound-Mediated Remotely Controlled Nanovaccine Delivery for Tumor Vaccination and Individualized Cancer Immunotherapy. <i>Nano Letters</i> , 2021 , 21, 1228-1237	11.5	16
35	Imaging: PEGylated WS2 Nanosheets as a Multifunctional Theranostic Agent for in vivo Dual-Modal CT/Photoacoustic Imaging Guided Photothermal Therapy (Adv. Mater. 12/2014). <i>Advanced Materials</i> , 2014 , 26, 1794-1794	24	15
34	Local delivery of checkpoints antibodies. <i>Human Vaccines and Immunotherapeutics</i> , 2017 , 13, 245-248	4.4	15

33	Active Microneedle Administration of Plant Virus Nanoparticles for Cancer Vaccination Improves Immunotherapeutic Efficacy. <i>ACS Applied Nano Materials</i> , 2020 , 3, 8037-8051	5.6	15
32	Platelet-derived extracellular vesicles to target plaque inflammation for effective anti-atherosclerotic therapy. <i>Journal of Controlled Release</i> , 2021 , 329, 445-453	11.7	14
31	Upconversion nanoparticles for potential cancer theranostics. <i>Therapeutic Delivery</i> , 2011 , 2, 1235-9	3.8	13
30	Specific Unlocking of a Nanozyme-Based Butterfly Effect To Break the Evolutionary Fitness of Chaotic Tumors. <i>Angewandte Chemie</i> , 2020 , 132, 9578-9584	3.6	12
29	Injectable Reactive Oxygen Species-Responsive SN38 Prodrug Scaffold with Checkpoint Inhibitors for Combined Chemoimmunotherapy. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 50248-50259	9.5	12
28	Cellular Bioparticulates with Therapeutics for Cancer Immunotherapy. <i>Bioconjugate Chemistry</i> , 2018 , 29, 702-708	6.3	12
27	A versatile 'click chemistry' route to size-restricted, robust, and functionalizable hydrophilic nanocrystals. <i>Small</i> , 2015 , 11, 1644-8	11	11
26	Reactive Oxygen Species-Scavenging Scaffold with Rapamycin for Treatment of Intervertebral Disk Degeneration. <i>Advanced Healthcare Materials</i> , 2020 , 9, e1901186	10.1	11
25	Immunosuppressive Nanoparticles for Management of Immune-Related Adverse Events in Liver. <i>ACS Nano</i> , 2021 , 15, 9111-9125	16.7	10
24	Mesenchymal Stem Cell-Derived Extracellular Vesicles with High PD-L1 Expression for Autoimmune Diseases Treatment. <i>Advanced Materials</i> , 2021 , e2106265	24	9
23	Physiologically triggered injectable red blood cell-based gel for tumor photoablation and enhanced cancer immunotherapy. <i>Biomaterials</i> , 2021 , 271, 120724	15.6	9
22	Combined effects of 50 Hz magnetic field and magnetic nanoparticles on the proliferation and apoptosis of PC12 cells. <i>Biomedical and Environmental Sciences</i> , 2014 , 27, 97-105	1.1	8
21	Yeast-derived nanoparticles remodel the immunosuppressive microenvironment in tumor and tumor-draining lymph nodes to suppress tumor growth.. <i>Nature Communications</i> , 2022 , 13, 110	17.4	7
20	Efficient Delivery of Chlorin e6 by Polyglycerol-Coated Iron Oxide Nanoparticles with Conjugated Doxorubicin for Enhanced Photodynamic Therapy of Melanoma. <i>Molecular Pharmaceutics</i> , 2021 , 18, 3604-3615	5.6	7
19	3D Printing Scaffold Vaccine for Antitumor Immunity. <i>Advanced Materials</i> , 2021 , 33, e2106768	24	6
18	Implantable blood clot loaded with BMP-2 for regulation of osteoimmunology and enhancement of bone repair. <i>Bioactive Materials</i> , 2021 , 6, 4014-4026	16.7	6
17	ATM may be a protective factor in endometrial carcinogenesis with the progesterone pathway. <i>Tumor Biology</i> , 2015 , 36, 1529-37	2.9	5
16	Anticancer Therapy: Light-Activated Hypoxia-Responsive Nanocarriers for Enhanced Anticancer Therapy (Adv. Mater. 17/2016). <i>Advanced Materials</i> , 2016 , 28, 3226-3226	24	5

15	Nanomedicine: Anticancer Platelet-Mimicking Nanovehicles (Adv. Mater. 44/2015). <i>Advanced Materials</i> , 2015 , 27, 7014-7014	24	5
14	Near-infrared dye bound human serum albumin with separated imaging and therapy wavelength channels for imaging-guided photothermal therapy preventing tumor metastasis. <i>Journal of Controlled Release</i> , 2015 , 213, e89	11.7	5
13	Conjugated Polymer Brush Based on Poly(l-lysine) with Efficient Ovalbumin Delivery for Dendritic Cell Vaccine.. <i>ACS Applied Bio Materials</i> , 2018 , 1, 1972-1982	4.1	5
12	cRGD-Functionalized AuNR-cored PEG-PCL nanoparticles for efficacious glioma chemotherapy. <i>Journal of Controlled Release</i> , 2015 , 213, e135	11.7	4
11	Localized delivery of immunotherapeutics: A rising trend in the field. <i>Journal of Controlled Release</i> , 2021 , 340, 149-167	11.7	4
10	Injectable ROS-scavenging hydrogel with MSCs promoted the regeneration of damaged skeletal muscle. <i>Journal of Tissue Engineering</i> , 2021 , 12, 20417314211031378	7.5	4
9	NIR-II probe modified by poly(L-lysine) with efficient ovalbumin delivery for dendritic cell tracking. <i>Science China Chemistry</i> , 2020 , 63, 1272-1280	7.9	3
8	Drug Delivery: Microneedles Integrated with Pancreatic Cells and Synthetic Glucose-Signal Amplifiers for Smart Insulin Delivery (Adv. Mater. 16/2016). <i>Advanced Materials</i> , 2016 , 28, 3223	24	3
7	Reshaping the Inflammatory Environment in Rheumatoid Arthritis Joints by Targeting Delivery of Berberine with Platelet-Derived Extracellular Vesicles. <i>Advanced NanoBiomed Research</i> , 2021 , 1, 2100071		3
6	Recent applications of immunomodulatory biomaterials for disease immunotherapy. <i>Exploration</i> , 20210157		3
5	Biomedical Applications: Imaging-Guided pH-Sensitive Photodynamic Therapy Using Charge Reversible Upconversion Nanoparticles under Near-Infrared Light (Adv. Funct. Mater. 24/2013). <i>Advanced Functional Materials</i> , 2013 , 23, 3018-3018	15.6	2
4	Systemically administered silica nanoparticles result in diminished T cell response in lung. <i>Nano Today</i> , 2022 , 42, 101332	17.9	2
3	Gold nanorods modified by endogenous protein with light-irradiation enhance bone repair via multiple osteogenic signal pathways.. <i>Biomaterials</i> , 2022 , 284, 121482	15.6	2
2	Targeted delivery of dexamethasone in acute pneumonia. <i>Biomaterials Science</i> , 2021 , 9, 5569-5576	7.4	1
1	Upconversion Fluorescent Nanoprobe for Highly Sensitive In Vivo Cell Tracking. <i>Methods in Molecular Biology</i> , 2020 , 2126, 85-93	1.4	0