

Jianliang Shen

List of Publications by Year in descending order

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Version: 2024-02-01

175
papers

14,594
citations

28274

55
h-index

20358

116
g-index

181
all docs

181
docs citations

181
times ranked

21137
citing authors

#	ARTICLE	IF	CITATIONS
1	A dual-functional chitosan derivative platform for fungal keratitis. <i>Carbohydrate Polymers</i> , 2022, 275, 118762.	10.2	26
2	Chitosan oligosaccharide regulates AMPK and STAT1 pathways synergistically to mediate PD-L1 expression for cancer chemoimmunotherapy. <i>Carbohydrate Polymers</i> , 2022, 277, 118869.	10.2	28
3	Antitumor Immunity from Abdominal Flap-Embedded Therapeutic Cancer Vaccine. <i>International Journal of Nanomedicine</i> , 2022, Volume 17, 203-212.	6.7	0
4	BODIPY-based rapid response fluorescence probe for sensing and bioimaging endogenous superoxide anion in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 269, 120766.	3.9	7
5	Facile formation of injectable quaternized chitosan/tannic acid hydrogels with antibacterial and ROS scavenging capabilities for diabetic wound healing. <i>International Journal of Biological Macromolecules</i> , 2022, 195, 190-197.	7.5	135
6	Electrochemiluminescence sensing platform for microorganism detection. <i>Biosafety and Health</i> , 2022, 4, 61-63.	2.7	2
7	Engineering Robust Ag@Decorated Polydopamine Nano@Photothermal Platforms to Combat Bacterial Infection and Prompt Wound Healing. <i>Advanced Science</i> , 2022, 9, e2106015.	11.2	198
8	Metallic phase enabling MoS ₂ nanosheets as an efficient sonosensitizer for photothermal-enhanced sonodynamic antibacterial therapy. <i>Journal of Nanobiotechnology</i> , 2022, 20, 136.	9.1	38
9	A Vehicle-Free Antimicrobial Polymer Hybrid Gold Nanoparticle as Synergistically Therapeutic Platforms for <i>Staphylococcus aureus</i> Infected Wound Healing. <i>Advanced Science</i> , 2022, 9, e2105223.	11.2	87
10	Hollow covalent organic framework-sheltering CRISPR/Cas12a as an in-vivo nanosensor for ATP imaging. <i>Biosensors and Bioelectronics</i> , 2022, 209, 114239.	10.1	28
11	An Enhanced Photothermal Therapeutic Iridium Hybrid Platform Reversing the Tumor Hypoxic Microenvironment. <i>Molecules</i> , 2022, 27, 2629.	3.8	2
12	Architecting polyelectrolyte hydrogels with Cu-assisted polydopamine nanoparticles for photothermal antibacterial therapy. <i>Materials Today Bio</i> , 2022, 15, 100264.	5.5	25
13	Immunoregulation in Diabetic Wound Repair with a Photoenhanced Glycyrrhizic Acid Hydrogel Scaffold. <i>Advanced Materials</i> , 2022, 34, e2200521.	21.0	212
14	Growth of Cu ₂ O Nanoparticles on Two-Dimensional Zr@Ferrocene@Metal@Organic Framework Nanosheets for Photothermally Enhanced Chemodynamic Antibacterial Therapy. <i>Inorganic Chemistry</i> , 2022, 61, 9328-9338.	4.0	55
15	Binding model-tuned room-temperature phosphorescence of the bromo-naphthol derivatives based on cyclodextrins. <i>RSC Advances</i> , 2022, 12, 19313-19316.	3.6	1
16	Mild Hyperthermia-Assisted ROS Scavenging Hydrogels Achieve Diabetic Wound Healing. <i>ACS Macro Letters</i> , 2022, 11, 861-867.	4.8	80
17	In Situ Forming Hydrogel as a Tracer and Degradable Lacrimal Plug for Dry Eye Treatment. <i>Advanced Healthcare Materials</i> , 2022, 11, .	7.6	12
18	Targeted Delivery of Shear Stress-Inducible microRNAs by Nanoparticles to Prevent Vulnerable Atherosclerotic Lesions. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021, 12, 152.	1.0	8

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19	Polydopamine/montmorillonite-embedded pullulan hydrogels as efficient adsorbents for removing crystal violet. <i>Journal of Hazardous Materials</i> , 2021, 402, 123359.	12.4	107
20	Education and Outreach in Physical Sciences in Oncology. <i>Trends in Cancer</i> , 2021, 7, 3-9.	7.4	4
21	Nanoplatforms for mRNA Therapeutics. <i>Advanced Therapeutics</i> , 2021, 4, .	3.2	62
22	Polydopamine-incorporated dextran hydrogel drug carrier with tailorable structure for wound healing. <i>Carbohydrate Polymers</i> , 2021, 253, 117213.	10.2	68
23	Mussel-inspired agarose hydrogel scaffolds for skin tissue engineering. <i>Bioactive Materials</i> , 2021, 6, 579-588.	15.6	142
24	Development of targeted therapy therapeutics to sensitize triple-negative breast cancer chemosensitivity utilizing bacteriophage phi29 derived packaging RNA. <i>Journal of Nanobiotechnology</i> , 2021, 19, 13.	9.1	20
25	Surface Engineering and Multimodal Imaging of Multistage Delivery Vectors in Metastatic Breast Cancer. <i>Bio-protocol</i> , 2021, 11, e4030.	0.4	0
26	Metformin Liposome-Mediated PD-L1 Downregulation for Amplifying the Photodynamic Immunotherapy Efficacy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 8026-8041.	8.0	87
27	Constructing Cylindrical Nanostructures Via Directional Morphology Evolution Induced by Seeded Polymerization. <i>Macromolecular Rapid Communications</i> , 2021, 42, 2100001.	3.9	2
28	Reversible Chemosensor for Bioimaging and Biosensing of Zn(II) and hpH in Cells, Larval Zebrafish, and Plants with Dual-Channel Fluorescence Signals. <i>Inorganic Chemistry</i> , 2021, 60, 5563-5572.	4.0	29
29	MicroRNA-34a: Potent Tumor Suppressor, Cancer Stem Cell Inhibitor, and Potential Anticancer Therapeutic. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 640587.	3.7	67
30	Synergistic Activation of Antitumor Immunity by a Particulate Therapeutic Vaccine. <i>Advanced Science</i> , 2021, 8, 2100166.	11.2	18
31	ESIPT-based fluorescent probe for bioimaging and identification of group IIIA ions in live cells and zebrafish. <i>Bioorganic Chemistry</i> , 2021, 109, 104746.	4.1	36
32	Reaction-based chemosensor as dual-channel indicator for visualizing and bioimaging of exogenous hypochlorite concentrations in living cells, <i>Pseudomonas aeruginosa</i> , and zebrafish. <i>Analytica Chimica Acta</i> , 2021, 1157, 338391.	5.4	8
33	A novel ratiometric and colorimetric chemosensor for highly sensitive, selective and ultrafast tracing of HClO in live cells, bacteria and zebrafish. <i>Analytica Chimica Acta</i> , 2021, 1161, 338472.	5.4	12
34	3D CoPt nanostructures hybridized with iridium complexes for multimodal imaging and combined photothermal-chemotherapy. <i>Journal of Inorganic Biochemistry</i> , 2021, 219, 111429.	3.5	7
35	A newly nitrobenzoxadiazole (NBD)-fused reversible fluorescence probe for pH monitoring and application in bioimaging. <i>Talanta</i> , 2021, 228, 122218.	5.5	8
36	Polyllysine-stabilized agarose/polydopamine hydrogel dressings with robust photothermal property for wound healing. <i>Carbohydrate Polymers</i> , 2021, 264, 118046.	10.2	78

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37	Nano encapsulated novel compound SA-10 with therapeutic activity in both acute and chronic murine hindlimb ischemia models. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 35, 102400.	3.3	3
38	Highly sensitive fluorescent sensor based on coumarin organic dye for pyrophosphate ion turn-on biosensing in synovial fluid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 257, 119792.	3.9	15
39	Polydopamine nanoparticle-dotted food gum hydrogel with excellent antibacterial activity and rapid shape adaptability for accelerated bacteria-infected wound healing. <i>Bioactive Materials</i> , 2021, 6, 2647-2657.	15.6	142
40	Virus-mimic mRNA Vaccine for Cancer Treatment. <i>Advanced Therapeutics</i> , 2021, 4, 2100144.	3.2	11
41	Constructing helical nanowires via polymerization-induced self-assembly. <i>RSC Advances</i> , 2021, 11, 8986-8992.	3.6	4
42	Directional effect on the fusion of ellipsoidal morphologies into nanorods and nanotubes. <i>RSC Advances</i> , 2021, 11, 1729-1735.	3.6	6
43	Effective tumor vessel barrier disruption mediated by perfluoro-N-(4-methylcyclohexyl) piperidine nanoparticles to enhance the efficacy of photodynamic therapy. <i>Nanoscale</i> , 2021, 13, 13473-13486.	5.6	5
44	A heparan-sulfate-bearing syndecan-1 glycoform is a distinct surface marker for intra-tumoral myeloid-derived suppressor cells. <i>IScience</i> , 2021, 24, 103349.	4.1	0
45	Integrating the second near-infrared fluorescence imaging with clinical techniques for multimodal cancer imaging by neodymium-doped gadolinium tungstate nanoparticles. <i>Nano Research</i> , 2021, 14, 2160.	10.4	8
46	Selectively down-regulated PD-L1 by albumin-phenformin nanoparticles mediated mitochondrial dysfunction to stimulate tumor-specific immunological response for enhanced mild-temperature photothermal efficacy. <i>Journal of Nanobiotechnology</i> , 2021, 19, 375.	9.1	30
47	Identification of an Aptamer With Binding Specificity to Tumor-Homing Myeloid-Derived Suppressor Cells. <i>Frontiers in Pharmacology</i> , 2021, 12, 752934.	3.5	1
48	Rad51 Silencing with siRNA Delivered by Porous Silicon-Based Microparticle Enhances the Anti-Cancer Effect of Doxorubicin in Triple-Negative Breast Cancer. <i>Journal of Biomedical Nanotechnology</i> , 2021, 17, 2351-2363.	1.1	2
49	Insight into triphenylamine and coumarin serving as copper (II) sensors with OFF-strategy and for bio-imaging in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 224, 117384.	3.9	33
50	Comparison of three water-soluble polyphosphate tripolyphosphate, phytic acid, and sodium hexametaphosphate as crosslinking agents in chitosan nanoparticle formulation. <i>Carbohydrate Polymers</i> , 2020, 230, 115577.	10.2	54
51	Ratiometric and colorimetric fluorescent probe for hypochlorite monitor and application for bioimaging in living cells, bacteria and zebrafish. <i>Journal of Hazardous Materials</i> , 2020, 388, 122029.	12.4	91
52	The ICT-based fluorescence and colorimetric dual sensing of endogenous hypochlorite in living cells, bacteria, and zebrafish. <i>Analyst</i> , 2020, 145, 29-33.	3.5	28
53	Immunotherapeutic Transport Oncophysics: Space, Time, and Immune Activation in Cancer. <i>Trends in Cancer</i> , 2020, 6, 40-48.	7.4	12
54	Efficient decontamination of heavy metals from aqueous solution using pullulan/polydopamine hydrogels. <i>International Journal of Biological Macromolecules</i> , 2020, 145, 1049-1058.	7.5	63

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55	A facile assay for rapid detection of COVID-19 antibodies. <i>RSC Advances</i> , 2020, 10, 28041-28048.	3.6	26
56	Reaction-Based Ratiometric and Colorimetric Chemosensor for Bioimaging of Biosulfite in Live Cells, Zebrafish, and Food Samples. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 11774-11781.	5.2	29
57	Mitochondria-Targeted Chemosensor to Discriminately and Continuously Visualize HClO and H ₂ S with Multiresponse Fluorescence Signals for <i>In Vitro</i> and <i>In Vivo</i> Bioimaging. <i>ACS Applied Bio Materials</i> , 2020, 3, 7886-7897.	4.6	27
58	Editorial: Supramolecular Nanomaterials for Engineering, Drug Delivery, and Medical Applications. <i>Frontiers in Chemistry</i> , 2020, 8, 626468.	3.6	6
59	FRET-based sensor for visualizing pH variation with colorimetric/ratiometric strategy and application for bioimaging in living cells, bacteria and zebrafish. <i>Analyst</i> , 2020, 145, 4283-4294.	3.5	13
60	Multifunctional magnetic iron oxide nanoparticles: an advanced platform for cancer theranostics. <i>Theranostics</i> , 2020, 10, 6278-6309.	10.0	213
61	Construction of functional curdlan hydrogels with bio-inspired polydopamine for synergistic periodontal antibacterial therapeutics. <i>Carbohydrate Polymers</i> , 2020, 245, 116585.	10.2	51
62	A novel dual-response chemosensor for bioimaging of Exogenous/Endogenous hypochlorite and hydrazine in living cells, <i>Pseudomonas aeruginosa</i> and zebrafish. <i>Sensors and Actuators B: Chemical</i> , 2020, 321, 128450.	7.8	55
63	Facile preparation of one-dimensional nanostructures through polymerization-induced self-assembly mediated by host-guest interaction. <i>Polymer Chemistry</i> , 2020, 11, 4208-4212.	3.9	13
64	Sustainable, flexible and biocompatible hydrogels derived from microbial polysaccharides with tailorable structures for tissue engineering. <i>Carbohydrate Polymers</i> , 2020, 237, 116160.	10.2	45
65	Combination Therapy of Doxorubicin and Quercetin on Multidrug-Resistant Breast Cancer and Their Sequential Delivery by Reduction-Sensitive Hyaluronic Acid-Based Conjugate- α -Tocopheryl Poly(ethylene glycol) 1000 Succinate Mixed Micelles. <i>Molecular Pharmaceutics</i> , 2020, 17, 1415-1427.	4.6	46
66	Systemic Delivery of Aptamer-Conjugated XBP1 siRNA Nanoparticles for Efficient Suppression of HER2+ Breast Cancer. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 32360-32371.	8.0	30
67	Sequential deconstruction of composite drug transport in metastatic breast cancer. <i>Science Advances</i> , 2020, 6, eaba4498.	10.3	17
68	FRET-based colorimetric and ratiometric sensor for visualizing pH change and application for bioimaging in living cells, bacteria and zebrafish. <i>Analytica Chimica Acta</i> , 2020, 1127, 29-38.	5.4	24
69	Execution of aggregation-induced emission as nano-sensors for hypochlorite detection and application for bioimaging in living cells and zebrafish. <i>Talanta</i> , 2020, 214, 120842.	5.5	22
70	Macroporous Hydrogel Scaffolds with Tunable Physicochemical Properties for Tissue Engineering Constructed Using Renewable Polysaccharides. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 13256-13264.	8.0	75
71	Biocompatible Hydrogels Based on Food Gums with Tunable Physicochemical Properties as Scaffolds for Cell Culture. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 3770-3778.	5.2	39
72	Directed arrangement of siRNA <i>via</i> polymerization-induced electrostatic self-assembly. <i>Chemical Communications</i> , 2020, 56, 2411-2414.	4.1	13

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73	Synthesis and pharmacological evaluation of naftopidil-based arylpiperazine derivatives containing the bromophenol moiety. <i>Pharmacological Reports</i> , 2020, 72, 1058-1068.	3.3	3
74	A novel strategy for rhodamine B-based fluorescent probes with a selective glutathione response for bioimaging in living cells. <i>Analyst, The</i> , 2020, 145, 4239-4244.	3.5	17
75	Molecular targeting of FATP4 transporter for oral delivery of therapeutic peptide. <i>Science Advances</i> , 2020, 6, eaba0145.	10.3	16
76	Systematic comparison of methods for determining the in vivo biodistribution of porous nanostructured injectable inorganic particles. <i>Acta Biomaterialia</i> , 2019, 97, 501-512.	8.3	7
77	Charge Regulation of Self-Assembled Tubules by Protonation for Efficiently Selective and Controlled Drug Delivery. <i>IScience</i> , 2019, 19, 224-231.	4.1	10
78	Advances in nanomaterials for use in photothermal and photodynamic therapeutics (Review). <i>Molecular Medicine Reports</i> , 2019, 20, 5-15.	2.4	99
79	Zinc oxide end-capped Fe ₃ O ₄ @mSiO ₂ core-shell nanocarriers as targeted and responsive drug delivery system for chemo-/ions synergistic therapeutics. <i>Drug Delivery</i> , 2019, 26, 732-743.	5.7	18
80	Symmetrical bis-salophen probe serves as a selectively and sensitively fluorescent switch of gallium ions in living cells and zebrafish. <i>Talanta</i> , 2019, 205, 120118.	5.5	45
81	A Barcoded Polymer-Based Cross-Reactive Spectroscopic Sensor Array for Organic Volatiles. <i>Sensors</i> , 2019, 19, 3683.	3.8	4
82	Vulnerable Atherosclerotic Plaque Imaging by Small-Molecule High-Affinity Positron Emission Tomography Radiopharmaceutical. <i>Advanced Therapeutics</i> , 2019, 2, 1900005.	3.2	2
83	Facile formation of salectan/agarose hydrogels with tunable structural properties for cell culture. <i>Carbohydrate Polymers</i> , 2019, 224, 115208.	10.2	70
84	Synthesis, biological evaluation and molecular docking of 4-Amino-2H-benzo[h]chromen-2-one (ABO) analogs containing the piperazine moiety. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 115081.	3.0	6
85	PTGER3 induces ovary tumorigenesis and confers resistance to cisplatin therapy through up-regulation Ras-MAPK/Erk-ETS1-ELK1/CFTR1 axis. <i>EBioMedicine</i> , 2019, 40, 290-304.	6.1	36
86	Efficient Decontamination of Lead Ions from Wastewater by Salectan Polysaccharide-Based Hydrogels. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 11014-11023.	6.7	82
87	Highly sensitive and selective light-up fluorescent probe for monitoring gallium and chromium ions <i>in vitro</i> and <i>in vivo</i> . <i>Analyst, The</i> , 2019, 144, 3807-3816.	3.5	35
88	Highly efficient dye decontamination via microbial salectan polysaccharide-based gels. <i>Carbohydrate Polymers</i> , 2019, 219, 1-11.	10.2	53
89	Tracking Biodistribution of Myeloid-Derived Cells in Murine Models of Breast Cancer. <i>Genes</i> , 2019, 10, 297.	2.4	1
90	Construction of macroporous salectan polysaccharide-based adsorbents for wastewater remediation. <i>International Journal of Biological Macromolecules</i> , 2019, 132, 429-438.	7.5	51

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91	Salecan polysaccharide-based hydrogels and their applications: a review. <i>Journal of Materials Chemistry B</i> , 2019, 7, 2577-2587.	5.8	83
92	Investigation of parameters that determine Nano-DC vaccine transport. <i>Biomedical Microdevices</i> , 2019, 21, 39.	2.8	8
93	Simultaneous delivery of gene and chemotherapeutics via copolymeric micellar nanoparticles to overcome multiple drug resistance to promote synergistic tumor suppression. <i>Journal of Biomaterials Applications</i> , 2019, 34, 130-140.	2.4	5
94	Removal of copper ions from water using polysaccharide-constructed hydrogels. <i>Carbohydrate Polymers</i> , 2019, 209, 101-110.	10.2	93
95	Cyclic cRGDfk peptide and Chlorin e6 functionalized silk fibroin nanoparticles for targeted drug delivery and photodynamic therapy. <i>Biomaterials</i> , 2018, 161, 306-320.	11.4	102
96	Engineering functional inorganic-organic hybrid systems: advances in siRNA therapeutics. <i>Chemical Society Reviews</i> , 2018, 47, 1969-1995.	38.1	105
97	Co-delivery of tumor antigen and dual toll-like receptor ligands into dendritic cell by silicon microparticle enables efficient immunotherapy against melanoma. <i>Journal of Controlled Release</i> , 2018, 272, 72-82.	9.9	53
98	<i>SMAD4</i> Gene Mutation Renders Pancreatic Cancer Resistance to Radiotherapy through Promotion of Autophagy. <i>Clinical Cancer Research</i> , 2018, 24, 3176-3185.	7.0	109
99	DNA Thioaptamer with Homing Specificity to Lymphoma Bone Marrow Involvement. <i>Molecular Pharmaceutics</i> , 2018, 15, 1814-1825.	4.6	13
100	Targeted drug delivery for tumor therapy inside the bone marrow. <i>Biomaterials</i> , 2018, 155, 191-202.	11.4	57
101	Pharmacological targeting of MYC-regulated IRE1/XBP1 pathway suppresses MYC-driven breast cancer. <i>Journal of Clinical Investigation</i> , 2018, 128, 1283-1299.	8.2	163
102	A Novel DNA Aptamer for Dual Targeting of Polymorphonuclear Myeloid-derived Suppressor Cells and Tumor Cells. <i>Theranostics</i> , 2018, 8, 31-44.	10.0	44
103	Distribution of Glutathione-Stabilized Gold Nanoparticles in Feline Fibrosarcomas and Their Role as a Drug Delivery System for Doxorubicin—Preclinical Studies in a Murine Model. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1021.	4.1	11
104	Chemotherapy Sensitizes Therapy-Resistant Cells to Mild Hyperthermia by Suppressing Heat Shock Protein 27 Expression in Triple-Negative Breast Cancer. <i>Clinical Cancer Research</i> , 2018, 24, 4900-4912.	7.0	24
105	Taking the vehicle out of drug delivery. <i>Materials Today</i> , 2017, 20, 95-97.	14.2	44
106	Lipopolyplex potentiates anti-tumor immunity of mRNA-based vaccination. <i>Biomaterials</i> , 2017, 125, 81-89.	11.4	128
107	A Liposome Encapsulated Ruthenium Polypyridine Complex as a Theranostic Platform for Triple-Negative Breast Cancer. <i>Nano Letters</i> , 2017, 17, 2913-2920.	9.1	107
108	Targeting Autocrine CCL5-CCR5 Axis Reprograms Immunosuppressive Myeloid Cells and Reinvigorates Antitumor Immunity. <i>Cancer Research</i> , 2017, 77, 2857-2868.	0.9	111

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109	Multi-step encapsulation of chemotherapy and gene silencing agents in functionalized mesoporous silica nanoparticles. <i>Nanoscale</i> , 2017, 9, 5329-5341.	5.6	58
110	Post-nano strategies for drug delivery: multistage porous silicon microvectors. <i>Journal of Materials Chemistry B</i> , 2017, 5, 207-219.	5.8	47
111	Enhancing cancer immunotherapy through nanotechnology-mediated tumor infiltration and activation of immune cells. <i>Seminars in Immunology</i> , 2017, 34, 114-122.	5.6	29
112	Bone-targeting nanoparticle to co-deliver decitabine and arsenic trioxide for effective therapy of myelodysplastic syndrome with low systemic toxicity. <i>Journal of Controlled Release</i> , 2017, 268, 92-101.	9.9	24
113	Contribution of Kupffer cells to liposome accumulation in the liver. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 158, 356-362.	5.0	78
114	Strategies for improving drug delivery: nanocarriers and microenvironmental priming. <i>Expert Opinion on Drug Delivery</i> , 2017, 14, 865-877.	5.0	39
115	Hesperetin Liposomes for Cancer Therapy. <i>Current Drug Delivery</i> , 2016, 13, 711-719.	1.6	39
116	Theory and Experimental Validation of a Spatio-temporal Model of Chemotherapy Transport to Enhance Tumor Cell Kill. <i>PLoS Computational Biology</i> , 2016, 12, e1004969.	3.2	55
117	A pyruvate decarboxylase-mediated therapeutic strategy for mimicking yeast metabolism in cancer cells. <i>Pharmacological Research</i> , 2016, 111, 413-421.	7.1	7
118	A Micro/Nano Composite for Combination Treatment of Melanoma Lung Metastasis. <i>Advanced Healthcare Materials</i> , 2016, 5, 936-946.	7.6	44
119	Label-Free Isothermal Amplification Assay for Specific and Highly Sensitive Colorimetric miRNA Detection. <i>ACS Omega</i> , 2016, 1, 448-455.	3.5	36
120	Enzyme-responsive multistage vector for drug delivery to tumor tissue. <i>Pharmacological Research</i> , 2016, 113, 92-99.	7.1	47
121	Effective Concentration of a Multikinase Inhibitor within Bone Marrow Correlates with <i>In Vitro</i> Cell Killing in Therapy-Resistant Chronic Myeloid Leukemia. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 899-910.	4.1	3
122	An injectable nanoparticle generator enhances delivery of cancer therapeutics. <i>Nature Biotechnology</i> , 2016, 34, 414-418.	17.5	248
123	Tyrosine kinase inhibitors induce mesenchymal stem cell-mediated resistance in BCR-ABL+ acute lymphoblastic leukemia. <i>Blood</i> , 2015, 125, 2968-2973.	1.4	29
124	Porous Silicon Microparticle Potentiates Anti-Tumor Immunity by Enhancing Cross-Presentation and Inducing Type I Interferon Response. <i>Cell Reports</i> , 2015, 11, 957-966.	6.4	90
125	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
126	Polyethylene glycol (PEG)-dendron phospholipids as innovative constructs for the preparation of super stealth liposomes for anticancer therapy. <i>Journal of Controlled Release</i> , 2015, 199, 106-113.	9.9	125

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127	Mild Hyperthermia Enhances Transport of Liposomal Gemcitabine and Improves In Vivo Therapeutic Response. <i>Advanced Healthcare Materials</i> , 2015, 4, 1092-1103.	7.6	56
128	Multistage vector (MSV) therapeutics. <i>Journal of Controlled Release</i> , 2015, 219, 406-415.	9.9	52
129	Circulating Peptidome to Indicate the Tumor-resident Proteolysis. <i>Scientific Reports</i> , 2015, 5, 9327.	3.3	12
130	Multistage vector delivery of sulindac and silymarin for prevention of colon cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 694-703.	5.0	39
131	Principles of nanoparticle design for overcoming biological barriers to drug delivery. <i>Nature Biotechnology</i> , 2015, 33, 941-951.	17.5	4,868
132	Radio-photothermal therapy mediated by a single compartment nanoplatform depletes tumor initiating cells and reduces lung metastasis in the orthotopic 4T1 breast tumor model. <i>Nanoscale</i> , 2015, 7, 19438-19447.	5.6	78
133	Safety of Nanoparticles in Medicine. <i>Current Drug Targets</i> , 2015, 16, 1671-1681.	2.1	384
134	Recent Advances in Discovering the Role of CCL5 in Metastatic Breast Cancer. <i>Mini-Reviews in Medicinal Chemistry</i> , 2015, 15, 1063-1072.	2.4	52
135	Human Equilibrative Nucleoside Transporter-1 Knockdown Tunes Cellular Mechanics through Epithelial-Mesenchymal Transition in Pancreatic Cancer Cells. <i>PLoS ONE</i> , 2014, 9, e107973.	2.5	14
136	Evaluation of anticancer activity of celastrol liposomes in prostate cancer cells. <i>Journal of Microencapsulation</i> , 2014, 31, 501-507.	2.8	80
137	The Sox4/Tcf7l1 axis promotes progression of BCR-ABL-positive acute lymphoblastic leukemia. <i>Haematologica</i> , 2014, 99, 1591-1598.	3.5	22
138	Polyarginine Induces an Antitumor Immune Response through Binding to Toll-Like Receptor 4. <i>Small</i> , 2014, 10, 1250-1254.	10.0	21
139	Bone marrow endothelium-targeted therapeutics for metastatic breast cancer. <i>Journal of Controlled Release</i> , 2014, 187, 22-29.	9.9	47
140	Polycation-functionalized nanoporous silicon particles for gene silencing on breast cancer cells. <i>Biomaterials</i> , 2014, 35, 423-431.	11.4	49
141	XBP1 promotes triple-negative breast cancer by controlling the HIF1 α pathway. <i>Nature</i> , 2014, 508, 103-107.	27.8	663
142	The nano-plasma interface: Implications of the protein corona. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 124, 17-24.	5.0	155
143	Circulating Proteolytic Products of Carboxypeptidase N for Early Detection of Breast Cancer. <i>Clinical Chemistry</i> , 2014, 60, 233-242.	3.2	31
144	Shrinkage of pegylated and non-pegylated liposomes in serum. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 114, 294-300.	5.0	96

#	ARTICLE	IF	CITATIONS
145	Targeting RPL39 and MLF2 reduces tumor initiation and metastasis in breast cancer by inhibiting nitric oxide synthase signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 8838-8843.	7.1	99
146	Geometrical confinement of Gd(DOTA) molecules within mesoporous silicon nanoconstructs for MR imaging of cancer. <i>Cancer Letters</i> , 2014, 352, 97-101.	7.2	31
147	Tumor vascular permeabilization using localized mild hyperthermia to improve macromolecule transport. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 1487-1496.	3.3	58
148	Multifunctional Gold Nanorods for siRNA Gene Silencing and Photothermal Therapy. <i>Advanced Healthcare Materials</i> , 2014, 3, 1629-1637.	7.6	97
149	Cyclodextrin and Polyethylenimine Functionalized Mesoporous Silica Nanoparticles for Delivery of siRNA Cancer Therapeutics. <i>Theranostics</i> , 2014, 4, 487-497.	10.0	161
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157	Mesoporous Silica Coating on Carbon Nanotubes: Layer-by-Layer Method. <i>Langmuir</i> , 2013, 29, 6815-6822.	3.5	9
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159	Enhancing Chemotherapy Response with Sustained EphA2 Silencing Using Multistage Vector Delivery. <i>Clinical Cancer Research</i> , 2013, 19, 1806-1815.	7.0	105
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