

Guangjun Nie

List of Publications by Year in descending order

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223
papers

18,893
citations

11608

70
h-index

13727

129
g-index

230
all docs

230
docs citations

230
times ranked

24138
citing authors

#	ARTICLE	IF	CITATIONS
1	A doxorubicin delivery platform using engineered natural membrane vesicle exosomes for targeted tumor therapy. <i>Biomaterials</i> , 2014, 35, 2383-2390.	5.7	1,352
2	A DNA nanorobot functions as a cancer therapeutic in response to a molecular trigger in vivo. <i>Nature Biotechnology</i> , 2018, 36, 258-264.	9.4	1,066
3	Physicochemical Properties Determine Nanomaterial Cellular Uptake, Transport, and Fate. <i>Accounts of Chemical Research</i> , 2013, 46, 622-631.	7.6	627
4	Enhanced anti-tumor efficacy by co-delivery of doxorubicin and paclitaxel with amphiphilic methoxy PEG-PLGA copolymer nanoparticles. <i>Biomaterials</i> , 2011, 32, 8281-8290.	5.7	539
5	Direct evidence for catalase and peroxidase activities of ferritinâ€“platinum nanoparticles. <i>Biomaterials</i> , 2011, 32, 1611-1618.	5.7	397
6	Structureâ€“activity relationship analysis of antioxidant ability and neuroprotective effect of gallic acid derivatives. <i>Neurochemistry International</i> , 2006, 48, 263-274.	1.9	390
7	Safety of Nanoparticles in Medicine. <i>Current Drug Targets</i> , 2015, 16, 1671-1681.	1.0	384
8	Field-Free Isolation of Exosomes from Extracellular Vesicles by Microfluidic Viscoelastic Flows. <i>ACS Nano</i> , 2017, 11, 6968-6976.	7.3	369
9	Precise nanomedicine for intelligent therapy of cancer. <i>Science China Chemistry</i> , 2018, 61, 1503-1552.	4.2	336
10	A DNA nanodevice-based vaccine for cancer immunotherapy. <i>Nature Materials</i> , 2021, 20, 421-430.	13.3	320
11	Biomimetic Metalâ€“Organic Framework Nanoparticles for Cooperative Combination of Antiangiogenesis and Photodynamic Therapy for Enhanced Efficacy. <i>Advanced Materials</i> , 2019, 31, e1808200.	11.1	307
12	Controlling Assembly of Paired Gold Clusters within Apoferritin Nanoreactor for in Vivo Kidney Targeting and Biomedical Imaging. <i>Journal of the American Chemical Society</i> , 2011, 133, 8617-8624.	6.6	258
13	Facetâ€“Mediated Photodegradation of Organic Dye over Hematite Architectures by Visible Light. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 178-182.	7.2	258
14	Sequentially Responsive Therapeutic Peptide Assembling Nanoparticles for Dual-Targeted Cancer Immunotherapy. <i>Nano Letters</i> , 2018, 18, 3250-3258.	4.5	255
15	Highly Fluorescent Chiral Nâ€“Sâ€“Doped Carbon Dots from Cysteine: Affecting Cellular Energy Metabolism. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2377-2382.	7.2	249
16	Reversal of pancreatic desmoplasia by re-educating stellate cells with a tumour microenvironment-activated nanosystem. <i>Nature Communications</i> , 2018, 9, 3390.	5.8	249
17	Osteoclast-derived microRNA-containing exosomes selectively inhibit osteoblast activity. <i>Cell Discovery</i> , 2016, 2, 16015.	3.1	239
18	Multifunctional biomolecule nanostructures for cancer therapy. <i>Nature Reviews Materials</i> , 2021, 6, 766-783.	23.3	224

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19	Localized Electric Field of Plasmonic Nanoplatform Enhanced Photodynamic Tumor Therapy. ACS Nano, 2014, 8, 11529-11542.	7.3	220
20	Unraveling Stress-Induced Toxicity Properties of Graphene Oxide and the Underlying Mechanism. Advanced Materials, 2012, 24, 5391-5397.	11.1	213
21	Chirality of Glutathione Surface Coating Affects the Cytotoxicity of Quantum Dots. Angewandte Chemie - International Edition, 2011, 50, 5860-5864.	7.2	210
22	Co-delivery of HIF1 α siRNA and gemcitabine via biocompatible lipid-polymer hybrid nanoparticles for effective treatment of pancreatic cancer. Biomaterials, 2015, 46, 13-25.	5.7	208
23	Inducing enhanced immunogenic cell death with nanocarrier-based drug delivery systems for pancreatic cancer therapy. Biomaterials, 2016, 102, 187-197.	5.7	208
24	Bioengineered bacteria-derived outer membrane vesicles as a versatile antigen display platform for tumor vaccination via Plug-and-Display technology. Nature Communications, 2021, 12, 2041.	5.8	207
25	Ferroportin1 deficiency in mouse macrophages impairs iron homeostasis and inflammatory responses. Blood, 2011, 118, 1912-1922.	0.6	185
26	Designing Liposomes To Suppress Extracellular Matrix Expression To Enhance Drug Penetration and Pancreatic Tumor Therapy. ACS Nano, 2017, 11, 8668-8678.	7.3	175
27	Peroxidase-like activity of apoferritin paired gold clusters for glucose detection. Biosensors and Bioelectronics, 2015, 64, 165-170.	5.3	173
28	Overexpression of mitochondrial ferritin causes cytosolic iron depletion and changes cellular iron homeostasis. Blood, 2005, 105, 2161-2167.	0.6	161
29	Peptide Assembly Integration of Fibroblast-Targeting and Cell-Penetration Features for Enhanced Antitumor Drug Delivery. Advanced Materials, 2015, 27, 1865-1873.	11.1	158
30	Using Functional Nanomaterials to Target and Regulate the Tumor Microenvironment: Diagnostic and Therapeutic Applications. Advanced Materials, 2013, 25, 3508-3525.	11.1	154
31	Transformable Peptide Nanocarriers for Expeditious Drug Release and Effective Cancer Therapy via Cancer-Associated Fibroblast Activation. Angewandte Chemie - International Edition, 2016, 55, 1050-1055.	7.2	153
32	Engineering Biomimetic Platesomes for pH-Responsive Drug Delivery and Enhanced Antitumor Activity. Advanced Materials, 2019, 31, e1900795.	11.1	148
33	Targeted Brain Delivery of Rabies Virus Glycoprotein 29-Modified Deferoxamine-Loaded Nanoparticles Reverses Functional Deficits in Parkinsonian Mice. ACS Nano, 2018, 12, 4123-4139.	7.3	145
34	Smart Nanotherapeutic Targeting of Tumor Vasculature. Accounts of Chemical Research, 2019, 52, 2703-2712.	7.6	137
35	Photothermal Effect Enhanced Cascade-Targeting Strategy for Improved Pancreatic Cancer Therapy by Gold Nanoshell@Mesoporous Silica Nanorod. ACS Nano, 2017, 11, 8103-8113.	7.3	135
36	Nanoparticle-mediated local depletion of tumour-associated platelets disrupts vascular barriers and augments drug accumulation in tumours. Nature Biomedical Engineering, 2017, 1, 667-679.	11.6	132

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37	Bacterial Outer Membrane Vesicles Presenting Programmed Death 1 for Improved Cancer Immunotherapy <i>via</i> Immune Activation and Checkpoint Inhibition. <i>ACS Nano</i> , 2020, 14, 16698-16711.	7.3	132
38	iRGD-coupled responsive fluorescent nanogel for targeted drug delivery. <i>Biomaterials</i> , 2013, 34, 3523-3533.	5.7	129
39	Enhancing photocatalytic activity of one-dimensional KNbO ₃ nanowires by Au nanoparticles under ultraviolet and visible-light. <i>Nanoscale</i> , 2011, 3, 5161.	2.8	127
40	“Triple-Punch” Strategy for Triple Negative Breast Cancer Therapy with Minimized Drug Dosage and Improved Antitumor Efficacy. <i>ACS Nano</i> , 2015, 9, 1367-1378.	7.3	125
41	Distinct Effects of Tea Catechins on 6-Hydroxydopamine-Induced Apoptosis in PC12 Cells. <i>Archives of Biochemistry and Biophysics</i> , 2002, 397, 84-90.	1.4	124
42	Engineered Nanoplatelets for Targeted Delivery of Plasminogen Activators to Reverse Thrombus in Multiple Mouse Thrombosis Models. <i>Advanced Materials</i> , 2020, 32, e1905145.	11.1	121
43	An MMP-2 Responsive Liposome Integrating Antifibrosis and Chemotherapeutic Drugs for Enhanced Drug Perfusion and Efficacy in Pancreatic Cancer. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 3438-3445.	4.0	119
44	Protective effects of green tea polyphenols and their major component, (–)-epigallocatechin-3-gallate (EGCG), on 6-hydroxydopamine-induced apoptosis in PC12 cells. <i>Redox Report</i> , 2002, 7, 171-177.	1.4	117
45	<i>In Situ</i> Transforming RNA Nanovaccines from Polyethylenimine Functionalized Graphene Oxide Hydrogel for Durable Cancer Immunotherapy. <i>Nano Letters</i> , 2021, 21, 2224-2231.	4.5	116
46	Surface Functionalization of Polymeric Nanoparticles with Umbilical Cord-Derived Mesenchymal Stem Cell Membrane for Tumor-Targeted Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 22963-22973.	4.0	110
47	Applications of nanomaterials as vaccine adjuvants. <i>Human Vaccines and Immunotherapeutics</i> , 2014, 10, 2761-2774.	1.4	109
48	Bacterial cytoplasmic membranes synergistically enhance the antitumor activity of autologous cancer vaccines. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	109
49	<i>In Situ</i> Self-Assembled Nanofibers Precisely Target Cancer-Associated Fibroblasts for Improved Tumor Imaging. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15287-15294.	7.2	107
50	Reshaping Prostate Tumor Microenvironment To Suppress Metastasis <i>via</i> Cancer-Associated Fibroblast Inactivation with Peptide-Assembly-Based Nanosystem. <i>ACS Nano</i> , 2019, 13, 12357-12371.	7.3	107
51	Sulforaphane Mediates Glutathione Depletion via Polymeric Nanoparticles to Restore Cisplatin Chemosensitivity. <i>ACS Nano</i> , 2019, 13, 13445-13455.	7.3	106
52	Lysosomal Proteolysis Is the Primary Degradation Pathway for Cytosolic Ferritin and Cytosolic Ferritin Degradation Is Necessary for Iron Exit. <i>Antioxidants and Redox Signaling</i> , 2010, 13, 999-1009.	2.5	105
53	Effects of gestational age and surface modification on materno-fetal transfer of nanoparticles in murine pregnancy. <i>Scientific Reports</i> , 2012, 2, 847.	1.6	104
54	Deciphering the underlying mechanisms of oxidation-state dependent cytotoxicity of graphene oxide on mammalian cells. <i>Toxicology Letters</i> , 2015, 237, 61-71.	0.4	100

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55	Energy metabolism analysis reveals the mechanism of inhibition of breast cancer cell metastasis by PEG-modified graphene oxide nanosheets. <i>Biomaterials</i> , 2014, 35, 9833-9843.	5.7	99
56	Combination of tumour-infarction therapy and chemotherapy via the co-delivery of doxorubicin and thrombin encapsulated in tumour-targeted nanoparticles. <i>Nature Biomedical Engineering</i> , 2020, 4, 732-742.	11.6	99
57	Precision combination therapy for triple negative breast cancer via biomimetic polydopamine polymer core-shell nanostructures. <i>Biomaterials</i> , 2017, 113, 243-252.	5.7	98
58	Modularly Designed Peptide Nanoprodrug Augments Antitumor Immunity of PD-L1 Checkpoint Blockade by Targeting Indoleamine 2,3-Dioxygenase. <i>Journal of the American Chemical Society</i> , 2020, 142, 2490-2496.	6.6	98
59	β -Amyloid peptide increases levels of iron content and oxidative stress in human cell and <i>Caenorhabditis elegans</i> models of Alzheimer disease. <i>Free Radical Biology and Medicine</i> , 2011, 50, 122-129.	1.3	96
60	Multiple Layer-by-Layer Lipid-Polymer Hybrid Nanoparticles for Improved FOLFIRINOX Chemotherapy in Pancreatic Tumor Models. <i>Advanced Functional Materials</i> , 2015, 25, 788-798.	7.8	96
61	A CRISPR-Cas13a system for efficient and specific therapeutic targeting of mutant KRAS for pancreatic cancer treatment. <i>Cancer Letters</i> , 2018, 431, 171-181.	3.2	96
62	A Graphdiyne Oxide-Based Iron Sponge with Photothermally Enhanced Tumor-Specific Fenton Chemistry. <i>Advanced Materials</i> , 2020, 32, e2000038.	11.1	96
63	Engineering the Assemblies of Biomaterial Nanocarriers for Delivery of Multiple Theranostic Agents with Enhanced Antitumor Efficacy. <i>Advanced Materials</i> , 2013, 25, 1616-1622.	11.1	95
64	Exosomes as Extrapulmonary Signaling Conveyors for Nanoparticle-Induced Systemic Immune Activation. <i>Small</i> , 2012, 8, 404-412.	5.2	93
65	Neuroprotective Mechanism of Mitochondrial Ferritin on 6-Hydroxydopamine-Induced Dopaminergic Cell Damage: Implication for Neuroprotection in Parkinson's Disease. <i>Antioxidants and Redox Signaling</i> , 2010, 13, 783-796.	2.5	92
66	Integration of photothermal therapy and synergistic chemotherapy by a porphyrin self-assembled micelle confers chemosensitivity in triple-negative breast cancer. <i>Biomaterials</i> , 2016, 80, 169-178.	5.7	85
67	Injectable Hexapeptide Hydrogel for Localized Chemotherapy Prevents Breast Cancer Recurrence. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 6972-6981.	4.0	85
68	Cancer Cell-derived Exosomes Induce Mitogen-activated Protein Kinase-dependent Monocyte Survival by Transport of Functional Receptor Tyrosine Kinases. <i>Journal of Biological Chemistry</i> , 2016, 291, 8453-8464.	1.6	83
69	Rapid Surface Display of mRNA Antigens by Bacteria-Derived Outer Membrane Vesicles for a Personalized Tumor Vaccine. <i>Advanced Materials</i> , 2022, 34, e2109984.	11.1	82
70	Emerging Delivery Strategies of Carbon Monoxide for Therapeutic Applications: from CO Gas to CO Releasing Nanomaterials. <i>Small</i> , 2019, 15, e1904382.	5.2	79
71	Antigen-bearing outer membrane vesicles as tumour vaccines produced in situ by ingested genetically engineered bacteria. <i>Nature Biomedical Engineering</i> , 2022, 6, 898-909.	11.6	79
72	Epidermal Growth Factor Receptor-Targeting Peptide Nanoparticles Simultaneously Deliver Gemcitabine and Olaparib To Treat Pancreatic Cancer with <i>Breast Cancer 2</i> Mutation. <i>ACS Nano</i> , 2018, 12, 10785-10796.	7.3	77

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73	Platelet-Membrane-Coated Nanoparticles Enable Vascular Disrupting Agent Combining Anti-Angiogenic Drug for Improved Tumor Vessel Impairment. <i>Nano Letters</i> , 2021, 21, 2588-2595.	4.5	77
74	Tie2 Expression on Macrophages Is Required for Blood Vessel Reconstruction and Tumor Relapse after Chemotherapy. <i>Cancer Research</i> , 2016, 76, 6828-6838.	0.4	75
75	Mitochondrial Ferritin Attenuates $\text{A}\beta$ -Amyloid-Induced Neurotoxicity: Reduction in Oxidative Damage Through the Erk/P38 Mitogen-Activated Protein Kinase Pathways. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 158-169.	2.5	73
76	Separable Microneedle Patch to Protect and Deliver DNA Nanovaccines Against COVID-19. <i>ACS Nano</i> , 2021, 15, 14347-14359.	7.3	73
77	Nanoparticle-Induced Exosomes Target Antigen-Presenting Cells to Initiate Th1-Type Immune Activation. <i>Small</i> , 2012, 8, 2841-2848.	5.2	72
78	Inhibition of platelet function using liposomal nanoparticles blocks tumor metastasis. <i>Theranostics</i> , 2017, 7, 1062-1071.	4.6	71
79	Intrauterine Inflammation Increases Materno-Fetal Transfer of Gold Nanoparticles in a Size-Dependent Manner in Murine Pregnancy. <i>Small</i> , 2013, 9, 2432-2439.	5.2	70
80	Development of a Cancer Vaccine Using In Vivo Click-Chemistry-Mediated Active Lymph Node Accumulation for Improved Immunotherapy. <i>Advanced Materials</i> , 2021, 33, e2006007.	11.1	70
81	Nanomaterials for Therapeutic RNA Delivery. <i>Matter</i> , 2020, 3, 1948-1975.	5.0	67
82	Blood-triggered generation of platinum nanoparticle functions as an anti-cancer agent. <i>Nature Communications</i> , 2020, 11, 567.	5.8	66
83	An Extendable Star-Like Nanoplatform for Functional and Anatomical Imaging-Guided Photothermal Oncotherapy. <i>ACS Nano</i> , 2019, 13, 4379-4391.	7.3	65
84	Biomembrane-based nanostructures for cancer targeting and therapy: From synthetic liposomes to natural biomembranes and membrane-vesicles. <i>Advanced Drug Delivery Reviews</i> , 2021, 178, 113974.	6.6	65
85	A Bioinspired Nanoprobe with Multilevel Responsive Ca^{2+} -Weighted MR Signal-Amplification Illuminates Ultrasmall Metastases. <i>Advanced Materials</i> , 2020, 32, e1906799.	11.1	64
86	Self-assembled peptide nanoparticles as tumor microenvironment activatable probes for tumor targeting and imaging. <i>Journal of Controlled Release</i> , 2014, 177, 11-19.	4.8	62
87	Enhanced Natural Killer Cell Immunotherapy by Rationally Assembling Fc Fragments of Antibodies onto Tumor Membranes. <i>Advanced Materials</i> , 2019, 31, e1804395.	11.1	62
88	Biomimetic Nanoparticles Carrying a Repolarization Agent of Tumor-Associated Macrophages for Remodeling of the Inflammatory Microenvironment Following Photothermal Therapy. <i>ACS Nano</i> , 2021, 15, 15166-15179.	7.3	61
89	Both Nramp1 and DMT1 are necessary for efficient macrophage iron recycling. <i>Experimental Hematology</i> , 2010, 38, 609-617.	0.2	60
90	Tumor Microenvironment Targeting and Responsive Peptide-Based Nanoformulations for Improved Tumor Therapy. <i>Molecular Pharmacology</i> , 2017, 92, 219-231.	1.0	57

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91	The regulation of iron metabolism by hepcidin contributes to unloading-induced bone loss. <i>Bone</i> , 2017, 94, 152-161.	1.4	57
92	Cell-Penetrating Nanoparticles Activate the Inflammasome to Enhance Antibody Production by Targeting Microtubule-Associated Protein 1-Light Chain 3 for Degradation. <i>ACS Nano</i> , 2020, 14, 3703-3717.	7.3	55
93	Total Aqueous Synthesis of Au@Cu ²⁺ Core-Shell Nanoparticles for In Vitro and In Vivo SERS/PA Imaging-Guided Photothermal Cancer Therapy. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801257.	3.9	53
94	Highly Fluorescent Chiral Na ⁺ -Doped Carbon Dots from Cysteine: Affecting Cellular Energy Metabolism. <i>Angewandte Chemie</i> , 2018, 130, 2401-2406.	1.6	52
95	Effects of nanoparticle size and gestational age on maternal biodistribution and toxicity of gold nanoparticles in pregnant mice. <i>Toxicology Letters</i> , 2014, 230, 10-18.	0.4	50
96	Antigen Capture and Immune Modulation by Bacterial Outer Membrane Vesicles as In Situ Vaccine for Cancer Immunotherapy Post-Photothermal Therapy. <i>Small</i> , 2022, 18, e2107461.	5.2	50
97	In vivo tumor growth is inhibited by cytosolic iron deprivation caused by the expression of mitochondrial ferritin. <i>Blood</i> , 2006, 108, 2428-2434.	0.6	49
98	Delivery of small interfering RNA against Nogo-B receptor via tumor-acidity responsive nanoparticles for tumor vessel normalization and metastasis suppression. <i>Biomaterials</i> , 2018, 175, 110-122.	5.7	49
99	Synthesis and Imaging of Biocompatible Graphdiyne Quantum Dots. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 32798-32807.	4.0	49
100	Tumor-Specific Silencing of Tissue Factor Suppresses Metastasis and Prevents Cancer-Associated Hypercoagulability. <i>Nano Letters</i> , 2019, 19, 4721-4730.	4.5	48
101	Nanotechnology-empowered vaccine delivery for enhancing CD8 ⁺ T cells-mediated cellular immunity. <i>Advanced Drug Delivery Reviews</i> , 2021, 176, 113889.	6.6	48
102	Biosafety assessment of Gd@C82(OH) ₂₂ nanoparticles on <i>Caenorhabditis elegans</i> . <i>Nanoscale</i> , 2011, 3, 2636.	2.8	46
103	Targeted Co-delivery of the Iron Chelator Deferoxamine and a HIF1 α Inhibitor Impairs Pancreatic Tumor Growth. <i>ACS Nano</i> , 2019, 13, 2176-2189.	7.3	46
104	Emerging nanomedicines for anti-stromal therapy against desmoplastic tumors. <i>Biomaterials</i> , 2020, 232, 119745.	5.7	46
105	Tumor Fibroblast Specific Activation of a Hybrid Ferritin Nanocage-Based Optical Probe for Tumor Microenvironment Imaging. <i>Small</i> , 2013, 9, 2427-2431.	5.2	45
106	Functional consequences of the human DMT1 (SLC11A2) mutation on protein expression and iron uptake. <i>Blood</i> , 2005, 106, 3985-3987.	0.6	44
107	Amphiphilic hyper-branched co-polymer nanoparticles for the controlled delivery of anti-tumor agents. <i>Biomaterials</i> , 2010, 31, 7364-7375.	5.7	44
108	Inhibitory effects of trolox-encapsulated chitosan nanoparticles on tert-butylhydroperoxide induced RAW264.7 apoptosis. <i>Biomaterials</i> , 2012, 33, 8517-8528.	5.7	44

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109	Chaperonin-GroEL as a Smart Hydrophobic Drug Delivery and Tumor Targeting Molecular Machine for Tumor Therapy. <i>Nano Letters</i> , 2018, 18, 921-928.	4.5	44
110	Reversing tumor stemness via orally targeted nanoparticles achieves efficient colon cancer treatment. <i>Biomaterials</i> , 2019, 216, 119247.	5.7	43
111	Aspect ratios of gold nanoshell capsules mediated melanoma ablation by synergistic photothermal therapy and chemotherapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 439-448.	1.7	41
112	Plasmon-Enhanced Oxidase-Like Activity and Cellular Effect of Pd-Coated Gold Nanorods. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 45416-45426.	4.0	41
113	Cooperatively Responsive Peptide Nanotherapeutic that Regulates Angiotensin Receptor Tie2 Activity in Tumor Microenvironment To Prevent Breast Tumor Relapse after Chemotherapy. <i>ACS Nano</i> , 2019, 13, 5091-5102.	7.3	41
114	A membrane vesicle-based dual vaccine against melanoma and Lewis lung carcinoma. <i>Biomaterials</i> , 2012, 33, 6147-6154.	5.7	40
115	Nanotechnological strategies for therapeutic targeting of tumor vasculature. <i>Nanomedicine</i> , 2013, 8, 1209-1222.	1.7	40
116	Heterozygous missense mutations in the GLRX5 gene cause sideroblastic anemia in a Chinese patient. <i>Blood</i> , 2014, 124, 2750-2751.	0.6	40
117	Understanding the Pharmacokinetics of Engineered Nanomaterials for Safe and Effective Therapeutic Applications. <i>Small</i> , 2013, 9, 1619-1634.	5.2	39
118	Specific Hemosiderin Deposition in Spleen Induced by a Low Dose of Cisplatin: Altered Iron Metabolism and Its Implication as an Acute Hemosiderin Formation Model. <i>Current Drug Metabolism</i> , 2010, 11, 507-515.	0.7	37
119	Functional Analysis of <i>GLRX5</i> Mutants Reveals Distinct Functionalities of GLRX5 Protein. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 207-217.	1.2	36
120	Dopamine Delivery via pH-Sensitive Nanoparticles for Tumor Blood Vessel Normalization and an Improved Effect of Cancer Chemotherapeutic Drugs. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900283.	3.9	36
121	Remodeling of Tumor Microenvironment by Tumor-Targeting Nanozymes Enhances Immune Activation of CAR T Cells for Combination Therapy. <i>Small</i> , 2021, 17, e2102624.	5.2	36
122	Impact of PEGylation on the biological effects and light heat conversion efficiency of gold nanoshells on silica nanorattles. <i>Biomaterials</i> , 2013, 34, 6967-6975.	5.7	35
123	Suppression of Tumor Energy Supply by Liposomal Nanoparticle-Mediated Inhibition of Aerobic Glycolysis. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 2347-2353.	4.0	35
124	Nanomedicine Assembled by Coordinated Selenium-Platinum Complexes Can Selectively Induce Cytotoxicity in Cancer Cells by Targeting the Glutathione Antioxidant Defense System. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 1954-1962.	2.6	35
125	Facile Synthesis of pH-sensitive Germanium Nanocrystals with High Quantum Yield for Intracellular Acidic Compartment Imaging. <i>Small</i> , 2015, 11, 1954-1961.	5.2	34
126	Precise design of nanomedicines: perspectives for cancer treatment. <i>National Science Review</i> , 2019, 6, 1107-1110.	4.6	34

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127	Penetration Cascade of Size Switchable Nanosystem in Desmoplastic Stroma for Improved Pancreatic Cancer Therapy. <i>ACS Nano</i> , 2021, 15, 14149-14161.	7.3	34
128	A superparamagnetic Fe ₃ O ₄ -loaded polymeric nanocarrier for targeted delivery of evodiamine with enhanced antitumor efficacy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 110, 411-418.	2.5	33
129	Mitochondrial ferritin, a new target for inhibiting neuronal tumor cell proliferation. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 983-997.	2.4	33
130	Metabolic Characteristics of 16HBE and A549 Cells Exposed to Different Surface Modified Gold Nanorods. <i>Advanced Healthcare Materials</i> , 2016, 5, 2363-2375.	3.9	33
131	Co-Delivery of Gemcitabine and Mcl-1 SiRNA via Cationic Liposome-Based System Enhances the Efficacy of Chemotherapy in Pancreatic Cancer. <i>Journal of Biomedical Nanotechnology</i> , 2019, 15, 966-978.	0.5	33
132	Biodegradable cationic μ -poly-L-lysine-conjugated polymeric nanoparticles as a new effective antibacterial agent. <i>Science Bulletin</i> , 2015, 60, 216-226.	4.3	32
133	Co-delivery of doxorubicin and quercetin via mPEG-PLGA copolymer assembly for synergistic anti-tumor efficacy and reducing cardio-toxicity. <i>Science Bulletin</i> , 2016, 61, 1689-1698.	4.3	32
134	Responsive and activable nanomedicines for remodeling the tumor microenvironment. <i>Nature Protocols</i> , 2021, 16, 405-430.	5.5	31
135	Fine-Tuned H-Ferritin Nanocage with Multiple Gold Clusters as Near-Infrared Kidney Specific Targeting Nanoprobe. <i>Bioconjugate Chemistry</i> , 2015, 26, 193-196.	1.8	30
136	Overexpression of Human Wild-Type Amyloid- β Protein Precursor Decreases the Iron Content and Increases the Oxidative Stress of Neuroblastoma SH-SY5Y Cells. <i>Journal of Alzheimer's Disease</i> , 2012, 30, 523-530.	1.2	29
137	pHLIP-mediated targeting of truncated tissue factor to tumor vessels causes vascular occlusion and impairs tumor growth. <i>Oncotarget</i> , 2015, 6, 23523-23532.	0.8	29
138	Platelet membrane-based and tumor-associated platelet targeted drug delivery systems for cancer therapy. <i>Frontiers of Medicine</i> , 2018, 12, 667-677.	1.5	29
139	Precision design of nanomedicines to restore gemcitabine chemosensitivity for personalized pancreatic ductal adenocarcinoma treatment. <i>Biomaterials</i> , 2018, 158, 44-55.	5.7	29
140	Overexpression of Mitochondrial Ferritin Sensitizes Cells to Oxidative Stress Via an Iron-Mediated Mechanism. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 1791-1803.	2.5	28
141	Polymeric Nanoparticles Enhance the Ability of Deferoxamine To Deplete Hepatic and Systemic Iron. <i>Nano Letters</i> , 2018, 18, 5782-5790.	4.5	27
142	Dopamine coating as a general and facile route to biofunctionalization of superparamagnetic Fe ₃ O ₄ nanoparticles for magnetic separation of proteins. <i>RSC Advances</i> , 2014, 4, 6657.	1.7	26
143	Improvement of Stability and Efficacy of C16Y Therapeutic Peptide via Molecular Self-Assembly into Tumor-Responsive Nanoformulation. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 2390-2400.	1.9	26
144	Modulating the tumor microenvironment with new therapeutic nanoparticles: A promising paradigm for tumor treatment. <i>Medicinal Research Reviews</i> , 2020, 40, 1084-1102.	5.0	26

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145	Co-delivery Strategies Based on Multifunctional Nanocarriers for Cancer Therapy. <i>Current Drug Metabolism</i> , 2012, 13, 1087-1096.	0.7	24
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