

Xiangyang Shi

List of Publications by Year in descending order

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716
papers

31,000
citations

4876

86
h-index

12194

135
g-index

769
all docs

769
docs citations

769
times ranked

40060
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioactive Phosphorus Dendrimers as a Universal Protein Delivery System for Enhanced Anti-inflammation Therapy. <i>ACS Nano</i> , 2024, 18, 2195-2209.	15.3	7
2	The Use of Rapeseed Husks to Remove Acidic and Basic Dyes from Aquatic Solutions. <i>Applied Sciences (Switzerland)</i> , 2024, 14, 1174.	2.6	2
3	Poly(alkylideneamine) Dendrimer Nanogels Codeliver Drug and Nucleotide To Alleviate Anticancer Drug Resistance through Immunomodulation. , 2024, 6, 517-527.		3
4	Unsymmetrical Low-Generation Cationic Phosphorus Dendrimers as a Nonviral Vector to Deliver MicroRNA for Breast Cancer Therapy. <i>Biomacromolecules</i> , 2024, 25, 1171-1179.	5.6	1
5	Prospective study on ultrasound-guided stellate ganglion block improves cerebral blood flow in patients with stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2024, 33, 107593.	1.6	0
6	Blood-brain barrier-crossing dendrimers for glioma theranostics. <i>Biomaterials Science</i> , 2024, 12, 1346-1356.	5.5	3
7	Dendrimer-Based Nanodrugs for Chemodynamic Therapy of Tumors. <i>Advanced NanoBiomed Research</i> , 2024, 4, .	3.9	0
8	Brain Delivery of Biomimetic Phosphorus Dendrimer/Antibody Nanocomplexes for Enhanced Glioma Immunotherapy via Immune Modulation of T Cells and Natural Killer Cells. <i>ACS Nano</i> , 2024, 18, 10142-10155.	15.3	3
9	Nanoparticle-Mediated Multiple Modulation of Bone Microenvironment To Tackle Osteoarthritis. <i>ACS Nano</i> , 2024, 18, 10625-10641.	15.3	1
10	Macrophage membrane-camouflaged nanoclusters of ultrasmall iron oxide nanoparticles for precision glioma theranostics. <i>Biomaterials Science</i> , 2024, 12, 2705-2716.	5.5	1
11	Manganese Dioxide Nanozymes as an ROS Scavenging Therapy for Osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2024, 32, S53-S54.	1.3	0
12	Ultrasmall iron oxide nanoparticles with MRgFUS for enhanced magnetic resonance imaging of orthotopic glioblastoma. <i>Journal of Materials Chemistry B</i> , 2024, 12, 4833-4842.	5.9	0
13	Brain delivery of fibronectin through bioactive phosphorous dendrimers for Parkinson's disease treatment via cooperative modulation of microglia. <i>Bioactive Materials</i> , 2024, 38, 45-54.	16.1	0
14	Thiacalixarene Carboxylic Acid Derivatives as Inhibitors of Lysozyme Fibrillation. <i>International Journal of Molecular Sciences</i> , 2024, 25, 4721.	4.2	0
15	Combined effect of SAR-endolysin LysKpV475 with polymyxin B and Salmonella bacteriophage phSE-5. <i>Microbiology (United Kingdom)</i> , 2024, 170, .	1.8	1
16	Dendrimer/metal-phenolic nanocomplexes encapsulating CuO ₂ for targeted magnetic resonance imaging and enhanced ferroptosis/cuproptosis/chemodynamic therapy by regulating the tumor microenvironment. <i>Acta Biomaterialia</i> , 2024, 183, 252-263.	8.8	1
17	Biomimetic Dual-Target Theranostic Nanovaccine Enables Magnetic Resonance Imaging and Chemo/Chemodynamic/Immune Therapy of Glioma. <i>ACS Applied Materials & Interfaces</i> , 2024, 16, 27187-27201.	8.3	1
18	Dual drug-loaded metal-phenolic networks for targeted magnetic resonance imaging and synergistic chemo-chemodynamic therapy of breast cancer. <i>Journal of Materials Chemistry B</i> , 2024, 12, 6480-6491.	5.9	0

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19	Persistent Nausea Is Associated With Worsening of Diet Quality Across Pregnancy. <i>Current Developments in Nutrition</i> , 2024, 8, 103141.	0.3	0
20	Silibinin promotes healing in spinal cord injury through anti-ferroptotic mechanisms. <i>JOR Spine</i> , 2024, 7, .	3.1	0
21	OP-022â€¦Impact of covid-19 pandemic on childrens development: from the point of view of medical faculty students. <i>BMJ Paediatrics Open</i> , 2024, , .	1.7	0
22	Transvascular transport of nanocarriers for tumor delivery. <i>Nature Communications</i> , 2024, 15, .	13.2	0
23	Biomimetic copper-containing nanogels for imaging-guided tumor chemo-chemodynamic-immunotherapy. <i>Acta Biomaterialia</i> , 2024, , .	8.8	0
24	Charge-reversible and biodegradable chitosan-based microgels for lysozyme-triggered release of vancomycin. <i>Journal of Advanced Research</i> , 2023, 43, 87-96.	9.9	76
25	Phosphorous Dendron Micelles as a Nanomedicine Platform for Cooperative Tumor Chemoimmunotherapy via Synergistic Modulation of Immune Cells. <i>Advanced Materials</i> , 2023, 35, .	24.3	38
26	Multifunctional PVCL nanogels enable magnetic resonance imaging and immunostimulated radiotherapy of orthotopic glioblastoma. <i>Chemical Engineering Journal</i> , 2023, 453, 139634.	13.0	3
27	Cationic phosphorus dendron nanomicelles deliver microRNA mimics and microRNA inhibitors for enhanced anti-inflammatory therapy of acute lung injury. <i>Biomaterials Science</i> , 2023, 11, 1530-1539.	5.5	6
28	Amphiphilic phosphorous dendron micelles co-deliver microRNA inhibitor and doxorubicin for augmented triple negative breast cancer therapy. <i>Journal of Materials Chemistry B</i> , 2023, 11, 5483-5493.	5.9	6
29	Useful synthetic pathways to original, stable tunable neutral and anionic phosphorus dendrimers: new opportunities to expand dendrimer space. <i>New Journal of Chemistry</i> , 2023, 47, 2474-2478.	2.7	1
30	Amphiphilic Phosphorus Dendrons Associated with Anti-inflammatory siRNA Reduce Symptoms in Murine Collagen-Induced Arthritis. <i>Biomacromolecules</i> , 2023, 24, 667-677.	5.6	2
31	Multifunctional Low-Generation Dendrimer Nanogels as an Emerging Probe for Tumor-Specific CT/MR Dual-Modal Imaging. <i>Biomacromolecules</i> , 2023, 24, 967-976.	5.6	14
32	Dendrimer-Mediated Intracellular Delivery of Fibronectin Guides Macrophage Polarization to Alleviate Acute Lung Injury. <i>Biomacromolecules</i> , 2023, 24, 886-895.	5.6	11
33	Generation of Field-Aligned Currents During Substorm Expansion: An Update. <i>Journal of Geophysical Research: Space Physics</i> , 2023, 128, .	2.4	2
34	Gossypol-Crosslinked Nanoclusters of Ultrasmall Iron Oxide Nanoparticles for Ultrasound-Enhanced Precision Tumor Theranostics. <i>Advanced Sensor Research</i> , 2023, 2, .	2.0	2
35	Dual-Responsive Core-Shell Tecto Dendrimers Enable Efficient Gene Editing of Cancer Cells to Boost Immune Checkpoint Blockade Therapy. <i>ACS Applied Materials & Interfaces</i> , 2023, 15, 12809-12821.	8.3	12
36	A tumor microenvironment-responsive core-shell tecto dendrimer nanoplatform for magnetic resonance imaging-guided and cuproptosis-promoted chemo-chemodynamic therapy. <i>Acta Biomaterialia</i> , 2023, 164, 474-486.	8.8	27

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37	Ultrasound-enhanced theranostics of orthotopic breast cancer through a multifunctional core-shell tecto dendrimer-based nanomedicine platform. <i>Biomaterials Science</i> , 2023, 11, 4385-4396.	5.5	5
38	Diselenide-crosslinked nanogels laden with gold nanoparticles and methotrexate for immunomodulation-enhanced chemotherapy and computed tomography imaging of tumors. <i>Journal of Materials Chemistry B</i> , 2023, 11, 4808-4818.	5.9	6
39	RAASi Therapy Attenuates the Association between 24-h Urinary Potassium Excretion and Dietary Potassium Intake in CKD Patients. <i>Nutrients</i> , 2023, 15, 2454.	4.2	1
40	Dendrimer-Mediated Gene Delivery to Boost Cancer Immunotherapy. <i>Nanomedicine</i> , 2023, 18, 705-708.	3.5	0
41	Redox-Responsive Dendrimer Nanogels Enable Ultrasound-Enhanced Chemoimmunotherapy of Pancreatic Cancer via Endoplasmic Reticulum Stress Amplification and Macrophage Polarization. <i>Advanced Science</i> , 2023, 10, .	12.4	15
42	Microfluidic synthesis of fibronectin-coated polydopamine nanocomplexes for self-supplementing tumor microenvironment regulation and MR imaging-guided chemo-chemodynamic-immune therapy. <i>Materials Today Bio</i> , 2023, 20, 100670.	5.8	4
43	An Intelligent Vascular Disrupting Dendritic Nanodevice Incorporating Copper Sulfide Nanoparticles for Immune Modulation-Mediated Combination Tumor Therapy. <i>Small</i> , 2023, 19, .	11.2	10
44	Search for dark matter produced in association with a single top quark and an energetic W boson in $\sqrt{s} = 13$ TeV collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2023, 83, .	4.0	2
45	A minimalist dendrimer nanodrug for autophagy inhibition-amplified tumor photothermo-immunotherapy. <i>Nano Today</i> , 2023, 51, 101936.	12.3	7
46	Recent advances in PAMAM dendrimer-based CT contrast agents for molecular imaging and theranostics of cancer. <i>Sensors & Diagnostics</i> , 2023, 2, 1145-1157.	3.5	0
47	A Biomimetic Nanogel System Restores Macrophage Phagocytosis for Magnetic Resonance Imaging-Guided Synergistic Chemoimmunotherapy of Breast Cancer. <i>Advanced Healthcare Materials</i> , 2023, 12, .	8.5	9
48	Activatable Semiconducting Polymer Nanoinducers Amplify Oxidative Damage via Sono-Ferroptosis for Synergistic Therapy of Bone Metastasis. <i>Nano Letters</i> , 2023, 23, 7699-7708.	9.5	13
49	Crystallinity assessment of anthropogenic calcites using Raman micro-spectroscopy. <i>Scientific Reports</i> , 2023, 13, .	3.4	4
50	Phosphorus core-shell tecto dendrimers for enhanced tumor imaging: the rigidity of the backbone matters. <i>Biomaterials Science</i> , 2023, 11, 7387-7396.	5.5	2
51	High-Resolution Structural Proteomics of Mitochondria Using the "Build and Retrieve" Methodology. <i>Molecular and Cellular Proteomics</i> , 2023, 22, 100666.	3.9	0
52	Manganese Dioxide-Entrapping Dendrimers Co-Deliver Protein and Nucleotide for Magnetic Resonance Imaging-Guided Chemodynamic/Starvation/Immune Therapy of Tumors. <i>ACS Nano</i> , 2023, 17, 23889-23902.	15.3	12
53	Quantifying the Influences of Carbides and Porosities on the Fatigue Crack Evolution of a Ni-Based Single-Crystal Superalloy using X-ray Tomography. <i>Acta Metallurgica Sinica (English Letters)</i> , 2022, 35, 133-145.	2.9	8
54	Safe and efficient 2D molybdenum disulfide platform for cooperative imaging-guided photothermal-selective chemotherapy: A preclinical study. <i>Journal of Advanced Research</i> , 2022, 37, 255-266.	9.9	50

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55	Cancer nanomedicine based on polyethylenimine-mediated multifunctional nanosystems. <i>Progress in Materials Science</i> , 2022, 124, 100871.	33.8	30
56	Surgical Outcomes After Neoadjuvant Chemoradiation Followed by Curative Surgery in Patients With Esophageal Cancer. <i>Annals of Surgery</i> , 2022, 275, 1130-1136.	4.5	3
57	Fumarate hydratase variant prevalence and manifestations among individuals receiving germline testing. <i>Cancer</i> , 2022, 128, 675-684.	4.1	13
58	The design and application of IRobotQ3D for simulating robotics experiments in K-12 education. <i>Computer Applications in Engineering Education</i> , 2022, 30, 532-549.	3.5	14
59	Metal-Phenolic Network-Coated Dendrimer-Drug Conjugates for Tumor MR Imaging and Chemo/Chemodynamic Therapy via Amplification of Endoplasmic Reticulum Stress. <i>Advanced Materials</i> , 2022, 34, e2107009.	24.3	61
60	Evaluating educational interventions to increase breast density awareness among Latinas: A randomized trial in a Federally Qualified Health Center. <i>Cancer</i> , 2022, 128, 1038-1047.	4.1	5
61	Gold nanostar-based complexes applied for cancer theranostics. <i>View</i> , 2022, 3, 20200171.	7.2	24
62	Fibronectin-Coated Metal-Phenolic Networks for Cooperative Tumor Chemo-/Chemodynamic/Immune Therapy via Enhanced Ferroptosis-Mediated Immunogenic Cell Death. <i>ACS Nano</i> , 2022, 16, 984-996.	15.3	107
63	Engineered cancer cell membranes: An emerging agent for efficient cancer theranostics. <i>Exploration</i> , 2022, 2, .	13.9	51
64	Effective CpG Delivery Using Zwitterion-Functionalized Dendrimer-Entrapped Gold Nanoparticles to Promote T Cell-Mediated Immunotherapy of Cancer Cells. <i>Biosensors</i> , 2022, 12, 71.	4.8	5
65	A tumor microenvironment-responsive poly(amidoamine) dendrimer nanoplatfor for hypoxia-responsive chemo/chemodynamic therapy. <i>Journal of Nanobiotechnology</i> , 2022, 20, 43.	9.3	33
66	Dendrimer nanoplatforms for veterinary medicine applications: A concise overview. <i>Drug Discovery Today</i> , 2022, 27, 1251-1260.	6.6	7
67	Tumor-Anchoring Drug-Loaded Fibrous Microspheres for MR Imaging-Guided Local Chemotherapy and Metastasis Inhibition. <i>Advanced Fiber Materials</i> , 2022, 4, 807-819.	16.6	35
68	Intelligent design of iron-doped LDH nanosheets for cooperative chemo-chemodynamic therapy of tumors. <i>Biomaterials Science</i> , 2022, 10, 2029-2039.	5.5	12
69	A Patient with Werner's Syndrome Who Underwent Aortic Valve Replacement through Minimally Invasive Cardiac Surgery. <i>Annals of Thoracic and Cardiovascular Surgery</i> , 2022, , .	0.8	0
70	⁶⁸ Ga-labeled dendrimer-entrapped gold nanoparticles for PET/CT dual-modality imaging and immunotherapy of tumors. <i>Journal of Materials Chemistry B</i> , 2022, 10, 3648-3656.	5.9	12
71	Apoptosis-enhanced ferroptosis therapy of pancreatic carcinoma through PAMAM dendrimer-iron(III) complex-based plasmid delivery. <i>Science China Chemistry</i> , 2022, 65, 778-788.	8.8	16
72	Genetic Engineering of Dendritic Cells Using Partially Zwitterionic Dendrimer-Entrapped Gold Nanoparticles Boosts Efficient Tumor Immunotherapy. <i>Biomacromolecules</i> , 2022, 23, 1326-1336.	5.6	14

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73	Dendrimer-Based Nanogels for Cancer Nanomedicine Applications. <i>Bioconjugate Chemistry</i> , 2022, 33, 87-96.	3.8	16
74	Phosphorus dendron nanomicelles as a platform for combination anti-inflammatory and antioxidative therapy of acute lung injury. <i>Theranostics</i> , 2022, 12, 3407-3419.	9.9	22
75	Antitumor Efficacy of Doxorubicin-Loaded Electrospun Attapulgitite@Poly(lactic-co-glycolic acid) Composite Nanofibers. <i>Journal of Functional Biomaterials</i> , 2022, 13, 55.	4.5	10
76	Preparation and investigation of a novel iodine-based visible polyvinyl alcohol embolization material. <i>Journal of Interventional Medicine</i> , 2022, 5, 72-78.	0.5	0
77	Kilowatt-average-power single-mode laser light transmission over kilometre-scale hollow-core fibre. <i>Nature Photonics</i> , 2022, 16, 448-453.	23.1	68
78	Engineered Stable Bioactive Per Se Amphiphilic Phosphorus Dendron Nanomicelles as a Highly Efficient Drug Delivery System To Take Down Breast Cancer In Vivo. <i>Biomacromolecules</i> , 2022, 23, 2827-2837.	5.6	13
79	Injectable alginate hydrogels for synergistic tumor combination therapy through repolarization of tumor-associated macrophages. <i>Journal of Controlled Release</i> , 2022, 348, 239-249.	10.2	16
80	The "Historical Curiosity" of Violence Against Women in Scotland. , 2022, , 1-63.		0
81	LAPONITE® nanodisk-based platforms for cancer diagnosis and therapy. <i>Materials Advances</i> , 2022, 3, 6742-6752.	5.2	0
82	New insights into ruthenium(II) metallodendrimers as anticancer drug nanocarriers: from synthesis to preclinic behaviour. <i>Journal of Materials Chemistry B</i> , 2022, 10, 8945-8959.	5.9	8
83	Efficient Capture and Separation of Cancer Cells Using Hyaluronic Acid-Modified Magnetic Beads in a Microfluidic Chip. <i>Langmuir</i> , 2022, 38, 11080-11086.	3.7	12
84	Computer-Aided Histopathological Characterisation of Endometriosis Lesions. <i>Journal of Personalized Medicine</i> , 2022, 12, 1519.	2.6	2
85	Chemotherapy Mediated by Biomimetic Polymeric Nanoparticles Potentiates Enhanced Tumor Immunotherapy via Amplification of Endoplasmic Reticulum Stress and Mitochondrial Dysfunction. <i>Advanced Materials</i> , 2022, 34, .	24.3	65
86	Modulation of Macrophages Using Nanoformulations with Curcumin to Treat Inflammatory Diseases: A Concise Review. <i>Pharmaceutics</i> , 2022, 14, 2239.	4.6	11
87	Nanomaterial-Boosted Tumor Immunotherapy Through Natural Killer Cells. <i>Advanced NanoBiomed Research</i> , 2022, 2, .	3.9	4
88	PATH-39. A 44-YEAR-OLD FEMALE WITH DICER1-MUTANT PRIMARY INTRACRANIAL SARCOMA WITH IMAGING NEAR END OF LIFE. <i>Neuro-Oncology</i> , 2022, 24, vii159-vii159.	1.2	0
89	Feasibility of Specific Ventilation Imaging on a 3T MRI scanner. <i>European Respiratory Journal</i> , 2022, , .	7.5	0
90	Ultrasound-enhanced fluorescence imaging and chemotherapy of multidrug-resistant tumors using multifunctional dendrimer/carbon dot nanohybrids. <i>Bioactive Materials</i> , 2021, 6, 729-739.	16.1	63

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91	Non-invasive intranasal administration route directly to the brain using dendrimer nanoplatforms: An opportunity to develop new CNS drugs. <i>European Journal of Medicinal Chemistry</i> , 2021, 209, 112905.	5.7	38
92	Multivalent Copper(II)-Conjugated Phosphorus Dendrimers with Noteworthy <i>In Vitro</i> and <i>In Vivo</i> Antitumor Activities: A Concise Overview. <i>Molecular Pharmaceutics</i> , 2021, 18, 65-73.	4.7	10
93	Ultrasound-enhanced precision tumor theranostics using cell membrane-coated and pH-responsive nanoclusters assembled from ultrasmall iron oxide nanoparticles. <i>Nano Today</i> , 2021, 36, 101022.	12.3	98
94	Dual-mode endogenous and exogenous sensitization of tumor radiotherapy through antifouling dendrimer-entrapped gold nanoparticles. <i>Theranostics</i> , 2021, 11, 1721-1731.	9.9	28
95	In vivo therapeutic applications of phosphorus dendrimers: state of the art. <i>Drug Discovery Today</i> , 2021, 26, 677-689.	6.6	24
96	LDH-doped electrospun short fibers enable dual drug loading and multistage release for chemotherapy of drug-resistant cancer cells. <i>New Journal of Chemistry</i> , 2021, 45, 13421-13428.	2.7	16
97	Evaluation of acute oral toxicity of a broad-spectrum anti-mycotoxin and hepato-protective formulation. <i>Journal of Entomology and Zoology Studies</i> , 2021, 9, 1431-1433.	0.2	0
98	Interaction of dendrimers with the immune system: An insight into cancer nanotheranostics. <i>View</i> , 2021, 2, 20200120.	7.2	24
99	A combined protocol with piroxicam, chemotherapy, and whole pelvic irradiation with simultaneous boost volumetric modulated arc radiotherapy for muscle-invasive canine urinary transitional cell carcinoma: First clinical experience. <i>Journal of Veterinary Medical Science</i> , 2021, 83, 695-704.	0.9	3
100	Macrophage-mediated tumor homing of hyaluronic acid nanogels loaded with polypyrrole and anticancer drug for targeted combinational photothermo-chemotherapy. <i>Theranostics</i> , 2021, 11, 7057-7071.	9.9	36
101	Adaptation of the Brad Rawlins Model for Link Management of Universidad de las Fuerzas Armadas "ESPE Stakeholders. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 57-70.	0.0	1
102	Impact of molecular rigidity on the gene delivery efficiency of core-shell tecto dendrimers. <i>Journal of Materials Chemistry B</i> , 2021, 9, 6149-6154.	5.9	8
103	Antifouling Dendrimer-Entrapped Copper Sulfide Nanoparticles Enable Photoacoustic Imaging-Guided Targeted Combination Therapy of Tumors and Tumor Metastasis. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 6069-6080.	8.3	46
104	Dendritic Macromolecular Architectures: Dendrimer-Based Polyion Complex Micelles. <i>Biomacromolecules</i> , 2021, 22, 262-274.	5.6	18
105	Construction of Poly(amidoamine) Dendrimer/Carbon Dot Nanohybrids for Biomedical Applications. <i>Macromolecular Bioscience</i> , 2021, 21, e2100007.	4.5	18
106	Polydopamine-Coated Laponite Nanoplatforms for Photoacoustic Imaging-Guided Chemo-Phototherapy of Breast Cancer. <i>Nanomaterials</i> , 2021, 11, 394.	4.2	20
107	Dendrimer-based nanohybrids in cancer photomedicine. <i>Materials Today Bio</i> , 2021, 10, 100111.	5.8	19
108	Multi-Responsive Biodegradable Cationic Nanogels for Highly Efficient Treatment of Tumors. <i>Advanced Functional Materials</i> , 2021, 31, 2100227.	16.5	124

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109	Gene silencing-mediated immune checkpoint blockade for tumor therapy boosted by dendrimer-entrapped gold nanoparticles. <i>Science China Materials</i> , 2021, 64, 2045-2055.	6.5	22
110	A Magnetic Sensor Based on Poly(¹³ C-Glutamic Acid)-Functionalized Iron Oxide Nanoparticles for Cr ³⁺ Detection.. <i>Current Nanoscience</i> , 2021, 17, .	1.3	0
111	Two-dimensional LDH nanodisks modified with hyaluronidase enable enhanced tumor penetration and augmented chemotherapy. <i>Science China Chemistry</i> , 2021, 64, 817-826.	8.8	19
112	Recent Developments of Cancer Nanomedicines Based on Ultrasmall Iron Oxide Nanoparticles and Nanoclusters. <i>Nanomedicine</i> , 2021, 16, 609-612.	3.5	17
113	Comparison of the effects of dendrimer, micelle and silver nanoparticles on phospholipase A2 structure. <i>Journal of Biotechnology</i> , 2021, 331, 48-52.	3.9	3
114	A Dual-Responsive Platform Based on Antifouling Dendrimer-CuS Nanohybrids for Enhanced Tumor Delivery and Combination Therapy. <i>Small Methods</i> , 2021, 5, e2100204.	9.6	26
115	Engineered non-invasive functionalized dendrimer/dendron-entrapped/complexed gold nanoparticles as a novel class of theranostic (radio)pharmaceuticals in cancer therapy. <i>Journal of Controlled Release</i> , 2021, 332, 346-366.	10.2	31
116	Core-Shell Tecto Dendrimers Enable Enhanced Tumor MR Imaging through an Amplified EPR Effect. <i>Biomacromolecules</i> , 2021, 22, 2181-2188.	5.6	26
117	Surface Modification of Electrospun Polyethylenimine/Polyvinyl Alcohol Nanofibers Immobilized with Silver Nanoparticles for Potential Antibacterial Applications. <i>Current Nanoscience</i> , 2021, 17, 279-286.	1.3	3
118	Cyclotriphosphazene-Based "Butterfly" Fluorescence Probe for Lysosome Targeting. <i>Bioconjugate Chemistry</i> , 2021, 32, 1117-1122.	3.8	19
119	Negative Isolation of Circulating Tumor Cells Using a Microfluidic Platform Integrated with Streptavidin-Functionalized PLGA Nanofibers. <i>Advanced Fiber Materials</i> , 2021, 3, 192-202.	16.6	56
120	Multifunctional PLGA microfibrinous rings enable MR imaging-guided tumor chemotherapy and metastasis inhibition through prevention of circulating tumor cell shedding. <i>Nano Today</i> , 2021, 38, 101123.	12.3	22
121	Physicochemical aspects of zwitterionic core-shell tecto dendrimers characterized by a thorough NMR investigation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 618, 126466.	4.8	4
122	Intelligent Molybdenum Disulfide Complexes as a Platform for Cooperative Imaging-Guided Tri-Mode Chemo-Photothermal-Immunotherapy. <i>Advanced Science</i> , 2021, 8, e2100165.	12.4	49
123	Macrophage-Laden Gold Nanoflowers Embedded with Ultrasmall Iron Oxide Nanoparticles for Enhanced Dual-Mode CT/MR Imaging of Tumors. <i>Pharmaceutics</i> , 2021, 13, 995.	4.6	9
124	Low-Molecular-Weight Poly(ethylenimine) Nanogels Loaded with Ultrasmall Iron Oxide Nanoparticles for T ₁ -Weighted MR Imaging-Guided Gene Therapy of Sarcoma. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 27806-27813.	8.3	28
125	First-in-Class Phosphorus Dendritic Framework, a Wide Surface Functional Group Palette Bringing Noteworthy Anti-Cancer and Anti-Tuberculosis Activities: What Lessons to Learn?. <i>Molecules</i> , 2021, 26, 3708.	3.9	4
126	Représenter l'expérience vécue dans les Magdalen Laundries en passant par la «voie longue» de l'herméneutique et l'analyse de textes assistée par ordinateur. <i>Études Irlandaises</i> , 2021, , 123-141.	0.1	1

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127	First-in-class and best-in-class dendrimer nanoplatfroms from concept to clinic: Lessons learned moving forward. <i>European Journal of Medicinal Chemistry</i> , 2021, 219, 113456.	5.7	24
128	Overcoming T Cell Exhaustion via Immune Checkpoint Modulation with a Dendrimer-Based Hybrid Nanocomplex. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100833.	8.5	35
129	Hybrid nano- and microgels doped with photoacoustic contrast agents for cancer theranostics. <i>View</i> , 2021, 2, 20200176.	7.2	7
130	Cellulose nanocrystals in cancer diagnostics and treatment. <i>Journal of Controlled Release</i> , 2021, 336, 207-232.	10.2	36
131	Facile Formation of PAMAM Dendrimer Nanoclusters for Enhanced Gene Delivery and Cancer Gene Therapy. <i>ACS Applied Bio Materials</i> , 2021, 4, 7168-7175.	4.8	19
132	Macrophages loaded with dendrimer-entrapped gold nanoparticles as a theranostic platform for CT imaging-guided combinational therapy of orthotopic osteosarcoma. <i>Chemical Engineering Journal</i> , 2021, 417, 129273.	13.0	17
133	Comparison of Bosniak Classification of cystic renal masses version 2019 assessed by CT and MRI. <i>Abdominal Radiology</i> , 2021, 46, 5268-5276.	2.2	11
134	Clinical diagonal translation of nanoparticles: Case studies in dendrimer nanomedicine. <i>Journal of Controlled Release</i> , 2021, 337, 356-370.	10.2	19
135	Intelligent Design of Ultrasmall Iron Oxide Nanoparticle-Based Theranostics. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 45119-45129.	8.3	16
136	Functionalized Dendrimer Platforms as a New Forefront Arsenal Targeting SARS-CoV-2: An Opportunity. <i>Pharmaceutics</i> , 2021, 13, 1513.	4.6	15
137	Intelligent nanogels with self-adaptive responsiveness for improved tumor drug delivery and augmented chemotherapy. <i>Bioactive Materials</i> , 2021, 6, 3473-3484.	16.1	42
138	Dendrimer-decorated nanogels: Efficient nanocarriers for biodistribution in vivo and chemotherapy of ovarian carcinoma. <i>Bioactive Materials</i> , 2021, 6, 3244-3253.	16.1	47
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