

# Xiangyang Shi

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

471  
papers

22,468  
citations

79  
h-index

124  
g-index

510  
ext. papers

25,217  
ext. citations

7.5  
avg, IF

7.25  
L-index

#	Paper	IF	Citations
471	Fibronectin-Coated Metal-Phenolic Networks for Cooperative Tumor Chemo-/Chemodynamic/Immune Therapy via Enhanced Ferroptosis-Mediated Immunogenic Cell Death.. <i>ACS Nano</i> , <b>2022</b> ,	16.7	13
470	A tumor microenvironment-responsive poly(amidoamine) dendrimer nanoplatfor for hypoxia-responsive chemo/chemodynamic therapy.. <i>Journal of Nanobiotechnology</i> , <b>2022</b> , 20, 43	9.4	3
469	Safe and efficient 2D molybdenum disulfide platform for cooperative imaging-guided photothermal-selective chemotherapy: A preclinical study.. <i>Journal of Advanced Research</i> , <b>2022</b> , 37, 255-266	12.6	9
468	Ga-labeled dendrimer-entrapped gold nanoparticles for PET/CT dual-modality imaging and immunotherapy of tumors.. <i>Journal of Materials Chemistry B</i> , <b>2022</b> ,	7.3	6
467	Apoptosis-enhanced ferroptosis therapy of pancreatic carcinoma through PAMAM dendrimer-iron(III) complex-based plasmid delivery. <i>Science China Chemistry</i> , <b>2022</b> , 65, 778-788	7.9	0
466	Phosphorus dendron nanomicelles as a platform for combination anti-inflammatory and antioxidative therapy of acute lung injury.. <i>Theranostics</i> , <b>2022</b> , 12, 3407-3419	12.1	1
465	Intelligent design of polymer nanogels for full-process sensitized radiotherapy and dual-mode computed tomography/magnetic resonance imaging of tumors.. <i>Theranostics</i> , <b>2022</b> , 12, 3420-3437	12.1	1
464	Antitumor Efficacy of Doxorubicin-Loaded Electrospun Attapulgite/Poly(lactic-co-glycolic acid) Composite Nanofibers. <i>Journal of Functional Biomaterials</i> , <b>2022</b> , 13, 55	4.8	0
463	Preparation and investigation of a novel iodine-based visible polyvinyl alcohol embolization material. <i>Journal of Interventional Medicine</i> , <b>2022</b> , 5, 72-78	0.2	
462	"Cluster Bomb" Based on Redox-Responsive Carbon Dot Nanoclusters Coated with Cell Membranes for Enhanced Tumor Theranostics. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 55815-55826	9.5	8
461	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> , <b>2021</b> , e2107009	24	12
460	Macrophage Membrane-Camouflaged Responsive Polymer Nanogels Enable Magnetic Resonance Imaging-Guided Chemotherapy/Chemodynamic Therapy of Orthotopic Glioma. <i>ACS Nano</i> , <b>2021</b> ,	16.7	16
459	Modular design of multifunctional core-shell tecto dendrimers complexed with copper(II) for MR imaging-guided chemodynamic therapy of orthotopic glioma. <i>Nano Today</i> , <b>2021</b> , 41, 101325	17.9	3
458	Multi-Responsive Biodegradable Cationic Nanogels for Highly Efficient Treatment of Tumors. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2100227	15.6	20
457	Gene silencing-mediated immune checkpoint blockade for tumor therapy boosted by dendrimer-entrapped gold nanoparticles. <i>Science China Materials</i> , <b>2021</b> , 64, 2045-2055	7.1	8
456	Two-dimensional LDH nanodisks modified with hyaluronidase enable enhanced tumor penetration and augmented chemotherapy. <i>Science China Chemistry</i> , <b>2021</b> , 64, 817-826	7.9	6
455	Comparison of the effects of dendrimer, micelle and silver nanoparticles on phospholipase A2 structure. <i>Journal of Biotechnology</i> , <b>2021</b> , 331, 48-52	3.7	1

454	A Dual-Responsive Platform Based on Antifouling Dendrimer-CuS Nanohybrids for Enhanced Tumor Delivery and Combination Therapy.. <i>Small Methods</i> , <b>2021</b> , 5, e2100204	12.8	7
453	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> , <b>2021</b> , 332, 346-366	11.7	10
452	Core-Shell Tecto Dendrimers Enable Enhanced Tumor MR Imaging through an Amplified EPR Effect. <i>Biomacromolecules</i> , <b>2021</b> , 22, 2181-2188	6.9	8
451	Surface Modification of Electrospun Polyethylenimine/Polyvinyl Alcohol Nanofibers Immobilized with Silver Nanoparticles for Potential Antibacterial Applications. <i>Current Nanoscience</i> , <b>2021</b> , 17, 279-286	1.4	2
450	Cyclotriphosphazene-Based "Butterfly" Fluorescence Probe for Lysosome Targeting. <i>Bioconjugate Chemistry</i> , <b>2021</b> , 32, 1117-1122	6.3	2
449	Negative Isolation of Circulating Tumor Cells Using a Microfluidic Platform Integrated with Streptavidin-Functionalized PLGA Nanofibers. <i>Advanced Fiber Materials</i> , <b>2021</b> , 3, 192-202	10.9	24
448	Multifunctional PLGA microfibrinous rings enable MR imaging-guided tumor chemotherapy and metastasis inhibition through prevention of circulating tumor cell shedding. <i>Nano Today</i> , <b>2021</b> , 38, 101123	17.9	10
447	Physicochemical aspects of zwitterionic core-shell tecto dendrimers characterized by a thorough NMR investigation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 618, 126466	5.1	1
446	Intelligent Molybdenum Disulfide Complexes as a Platform for Cooperative Imaging-Guided Tri-Mode Chemo-Photothermo-Immunotherapy. <i>Advanced Science</i> , <b>2021</b> , 8, e2100165	13.6	14
445	Macrophage-Laden Gold Nanoflowers Embedded with Ultrasmall Iron Oxide Nanoparticles for Enhanced Dual-Mode CT/MR Imaging of Tumors. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	1
444	Low-Molecular-Weight Poly(ethylenimine) Nanogels Loaded with Ultrasmall Iron Oxide Nanoparticles for -Weighted MR Imaging-Guided Gene Therapy of Sarcoma. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 27806-27813	9.5	5
443	First-in-class and best-in-class dendrimer nanoplatfroms from concept to clinic: Lessons learned moving forward. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 219, 113456	6.8	6
442	Ultrasound-enhanced fluorescence imaging and chemotherapy of multidrug-resistant tumors using multifunctional dendrimer/carbon dot nanohybrids. <i>Bioactive Materials</i> , <b>2021</b> , 6, 729-739	16.7	35
441	Non-invasive intranasal administration route directly to the brain using dendrimer nanoplatfroms: An opportunity to develop new CNS drugs. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 209, 112905	6.8	15
440	Multivalent Copper(II)-Conjugated Phosphorus Dendrimers with Noteworthy and Antitumor Activities: A Concise Overview. <i>Molecular Pharmaceutics</i> , <b>2021</b> , 18, 65-73	5.6	5
439	Ultrasound-enhanced precision tumor theranostics using cell membrane-coated and pH-responsive nanoclusters assembled from ultrasmall iron oxide nanoparticles. <i>Nano Today</i> , <b>2021</b> , 36, 101022	17.9	29
438	Dual-mode endogenous and exogenous sensitization of tumor radiotherapy through antifouling dendrimer-entrapped gold nanoparticles. <i>Theranostics</i> , <b>2021</b> , 11, 1721-1731	12.1	10
437	In vivo therapeutic applications of phosphorus dendrimers: state of the art. <i>Drug Discovery Today</i> , <b>2021</b> , 26, 677-689	8.8	10

436	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> , <b>2021</b> , 45, 13421-13428	3.6	6
435	Interaction of dendrimers with the immune system: An insight into cancer nanotheranostics. <i>View</i> , <b>2021</b> , 2, 20200120	7.8	7
434	Macrophage-mediated tumor homing of hyaluronic acid nanogels loaded with polypyrrole and anticancer drug for targeted combinational photothermo-chemotherapy. <i>Theranostics</i> , <b>2021</b> , 11, 7057-7071	12.1	7
433	Impact of molecular rigidity on the gene delivery efficiency of core-shell tecto dendrimers. <i>Journal of Materials Chemistry B</i> , <b>2021</b> , 9, 6149-6154	7.3	0
432	Antifouling Dendrimer-Entrapped Copper Sulfide Nanoparticles Enable Photoacoustic Imaging-Guided Targeted Combination Therapy of Tumors and Tumor Metastasis. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 6069-6080	9.5	17
431	Dendritic Macromolecular Architectures: Dendrimer-Based Polyion Complex Micelles. <i>Biomacromolecules</i> , <b>2021</b> , 22, 262-274	6.9	4
430	Construction of Poly(amidoamine) Dendrimer/Carbon Dot Nanohybrids for Biomedical Applications. <i>Macromolecular Bioscience</i> , <b>2021</b> , 21, e2100007	5.5	6
429	Polydopamine-Coated Laponite Nanoplatfoms for Photoacoustic Imaging-Guided Chemo-Phototherapy of Breast Cancer. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	9
428	Dendrimer-based nanohybrids in cancer photomedicine. <i>Materials Today Bio</i> , <b>2021</b> , 10, 100111	9.9	9
427	Overcoming T Cell Exhaustion via Immune Checkpoint Modulation with a Dendrimer-Based Hybrid Nanocomplex. <i>Advanced Healthcare Materials</i> , <b>2021</b> , 10, e2100833	10.1	7
426	Cellulose nanocrystals in cancer diagnostics and treatment. <i>Journal of Controlled Release</i> , <b>2021</b> , 336, 207-232	11.7	12
425	Facile Formation of PAMAM Dendrimer Nanoclusters for Enhanced Gene Delivery and Cancer Gene Therapy.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 7168-7175	4.1	3
424	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> , <b>2021</b> , 417, 129273	14.7	1
423	Clinical diagonal translation of nanoparticles: Case studies in dendrimer nanomedicine. <i>Journal of Controlled Release</i> , <b>2021</b> , 337, 356-370	11.7	5
422	Intelligent Design of Ultrasmall Iron Oxide Nanoparticle-Based Theranostics. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 45119-45129	9.5	2
421	Cancer nanomedicine based on polyethylenimine-mediated multifunctional nanosystems. <i>Progress in Materials Science</i> , <b>2021</b> , 100871	42.2	4
420	Functionalized Dendrimer Platforms as a New Forefront Arsenal Targeting SARS-CoV-2: An Opportunity. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	3
419	Intelligent nanogels with self-adaptive responsiveness for improved tumor drug delivery and augmented chemotherapy. <i>Bioactive Materials</i> , <b>2021</b> , 6, 3473-3484	16.7	11

4 <sup>18</sup>	Dendrimer-decorated nanogels: Efficient nanocarriers for biodistribution and chemotherapy of ovarian carcinoma. <i>Bioactive Materials</i> , <b>2021</b> , 6, 3244-3253	16.7	15
4 <sup>17</sup>	Multifunctional Core-Shell Tecto Dendrimers Incorporated with Gold Nanoparticles for Targeted Dual Mode CT/MR Imaging of Tumors.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 1803-1812	4.1	7
4 <sup>16</sup>	Synthesis and Shaping of Core-Shell Tecto Dendrimers for Biomedical Applications. <i>Bioconjugate Chemistry</i> , <b>2021</b> , 32, 225-233	6.3	7
4 <sup>15</sup>	Facile Synthesis of Amphiphilic Fluorescent Phosphorus Dendron-Based Micelles as Antiproliferative Agents: First Investigations. <i>Bioconjugate Chemistry</i> , <b>2021</b> , 32, 339-349	6.3	8
4 <sup>14</sup>	Dendrimer-Based Nanogels for Cancer Nanomedicine Applications.. <i>Bioconjugate Chemistry</i> , <b>2021</b> ,	6.3	3
4 <sup>13</sup>	Revisiting Cationic Phosphorus Dendrimers as a Nonviral Vector for Optimized Gene Delivery Toward Cancer Therapy Applications. <i>Biomacromolecules</i> , <b>2020</b> , 21, 2502-2511	6.9	24
4 <sup>12</sup>	Adoptive cellular immunotherapy of tumors via effective CpG delivery to dendritic cells using dendrimer-entrapped gold nanoparticles as a gene vector. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 5052-5063 <sup>20</sup>	7.3	20
4 <sup>11</sup>	Phosphorus dendrimer-based copper(II) complexes enable ultrasound-enhanced tumor theranostics. <i>Nano Today</i> , <b>2020</b> , 33, 100899	17.9	23
4 <sup>10</sup>	Colorimetric detection of Cr ions in aqueous solution using poly(L-glutamic acid)-stabilized gold nanoparticles. <i>Analytical Methods</i> , <b>2020</b> , 12, 3145-3150	3.2	5
4 <sup>09</sup>	Polyethylenimine-Assisted Generation of Optical Nanoprobes for Biosensing Applications.. <i>ACS Applied Bio Materials</i> , <b>2020</b> , 3, 3935-3955	4.1	9
4 <sup>08</sup>	A Dendrimer-Based Dual Radiodense Element-Containing Nanoplatfrom for Targeted Enhanced Tumor Computed Tomography Imaging. <i>Langmuir</i> , <b>2020</b> , 36, 3096-3103	4	10
4 <sup>07</sup>	Multifunctional PVCL nanogels with redox-responsiveness enable enhanced MR imaging and ultrasound-promoted tumor chemotherapy. <i>Theranostics</i> , <b>2020</b> , 10, 4349-4358	12.1	30
4 <sup>06</sup>	Efficient co-delivery of microRNA 21 inhibitor and doxorubicin to cancer cells using core-shell tecto dendrimers formed via supramolecular host-guest assembly. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 2768-2774	7.3	34
4 <sup>05</sup>	Multifunctional Dendrimer-Entrapped Gold Nanoparticles for Labeling and Tracking T Cells Via Dual-Modal Computed Tomography and Fluorescence Imaging. <i>Biomacromolecules</i> , <b>2020</b> , 21, 1587-1595 <sup>6.9</sup>	6.9	18
4 <sup>04</sup>	Hybrid nanogels for photoacoustic imaging and photothermal therapy <b>2020</b> , 23-43		2
4 <sup>03</sup>	Dendrimer-Based Nanosensitizers: Targeted Tumor Hypoxia Dual-Mode CT/MR Imaging and Enhanced Radiation Therapy Using Dendrimer-Based Nanosensitizers (Adv. Funct. Mater. 13/2020). <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2070082	15.6	1
4 <sup>02</sup>	Potent Anticancer Efficacy of First-In-Class Cu and Au Metaled Phosphorus Dendrons with Distinct Cell Death Pathways. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 5903-5910	4.8	8
4 <sup>01</sup>	Superstructured poly(amidoamine) dendrimer-based nanoconstructs as platforms for cancer nanomedicine: A concise review. <i>Coordination Chemistry Reviews</i> , <b>2020</b> , 421, 213463	23.2	41

400	Characterization of zwitterion-modified poly(amidoamine) dendrimers in aqueous solution via a thorough NMR investigation. <i>European Physical Journal E</i> , <b>2020</b> , 43, 7	1.5	4
399	Polyethylenimine Nanogels Incorporated with Ultrasmall Iron Oxide Nanoparticles and Doxorubicin for MR Imaging-Guided Chemotherapy of Tumors. <i>Bioconjugate Chemistry</i> , <b>2020</b> , 31, 907-915	6.3	28
398	LDH-stabilized ultrasmall iron oxide nanoparticles as a platform for hyaluronidase-promoted MR imaging and chemotherapy of tumors. <i>Theranostics</i> , <b>2020</b> , 10, 2791-2802	12.1	25
397	LyP-1-Modified Multifunctional Dendrimers for Targeted Antitumor and Antimetastasis Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 12395-12406	9.5	16
396	Folic acid-modified Laponite $\square$ -stabilized Fe <sub>3</sub> O <sub>4</sub> nanoparticles for targeted T <sub>2</sub> -weighted MR imaging of tumor. <i>Applied Clay Science</i> , <b>2020</b> , 186, 105447	5.2	9
395	Targeted Tumor Hypoxia Dual-Mode CT/MR Imaging and Enhanced Radiation Therapy Using Dendrimer-Based Nanosensitizers. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 1909285	15.6	40
394	Targeted Mutations in <i>Xylella fastidiosa</i> Affect Acquisition and Retention by the Glassy-Winged Sharpshooter, <i>Homalodisca vitripennis</i> (Hemiptera: Cicadellidae). <i>Journal of Economic Entomology</i> , <b>2020</b> , 113, 612-621	2.2	2
393	Gd-/CuS-Loaded Functional Nanogels for MR/PA Imaging-Guided Tumor-Targeted Photothermal Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 9107-9117	9.5	53
392	Doxorubicin Encapsulated in TPGS-Modified 2D-Nanodisks Overcomes Multidrug Resistance. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 2470-2477	4.8	17
391	Design of DNA Aptamer-Functionalized Magnetic Short Nanofibers for Efficient Capture and Release of Circulating Tumor Cells. <i>Bioconjugate Chemistry</i> , <b>2020</b> , 31, 130-138	6.3	24
390	Preparation of [Amine-Terminated Generation 5 Poly(amidoamine)]-Poly(lactic-glycolic acid) Electrospun Nanofibrous Mats for Scaffold-Mediated Gene Transfection.. <i>ACS Applied Bio Materials</i> , <b>2020</b> , 3, 346-357	4.1	6
389	PAMAM Dendrimer-Based Nanodevices for Nuclear Medicine Applications. <i>Macromolecular Bioscience</i> , <b>2020</b> , 20, e1900282	5.5	26
388	Redox-Sensitive Clustered Ultrasmall Iron Oxide Nanoparticles for Switchable T <sub>1</sub> /T <sub>2</sub> -Weighted Magnetic Resonance Imaging Applications. <i>Bioconjugate Chemistry</i> , <b>2020</b> , 31, 352-359	6.3	26
387	Dendrimer-Based Tumor-targeted Systems <b>2020</b> , 337-369		0
386	Functional LAPONITE Nanodisks Enable Targeted Anticancer Chemotherapy. <i>Bioconjugate Chemistry</i> , <b>2020</b> , 31, 2404-2412	6.3	3
385	Targeted Combination of Antioxidative and Anti-Inflammatory Therapy of Rheumatoid Arthritis using Multifunctional Dendrimer-Entrapped Gold Nanoparticles as a Platform. <i>Small</i> , <b>2020</b> , 16, e2005661 <sup>11</sup>		23
384	Highly Doped Upconversion Nanoparticles for Applications Under Mild Excitation Power. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 10913-10919	7.8	3
383	Phosphorus dendrimers as powerful nanoplatforms for drug delivery, as fluorescent probes and for liposome interaction studies: A concise overview. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 208, 112788	6.8	7

382	Poly(amidoamine) Dendrimer-Gold Nanohybrids in Cancer Gene Therapy: A Concise Overview.. <i>ACS Applied Bio Materials</i> , <b>2020</b> , 3, 5590-5605	4.1	14
381	Effect of Attapulgite-Doped Electrospun Fibrous PLGA Scaffold on Pro-Osteogenesis and Barrier Function in the Application of Guided Bone Regeneration. <i>International Journal of Nanomedicine</i> , <b>2020</b> , 15, 6761-6777	7.3	4
380	Dendrimers toward Translational Nanotherapeutics: Concise Key Step Analysis. <i>Bioconjugate Chemistry</i> , <b>2020</b> , 31, 2060-2071	6.3	25
379	Surface-Charge-Switchable Nanoclusters for Magnetic Resonance Imaging-Guided and Glutathione Depletion-Enhanced Photodynamic Therapy. <i>ACS Nano</i> , <b>2020</b> , 14, 11225-11237	16.7	47
378	The gene transfection and endocytic uptake pathways mediated by PEGylated PEI-entrapped gold nanoparticles. <i>Arabian Journal of Chemistry</i> , <b>2020</b> , 13, 2558-2567	5.9	11
377	Silica/gold nanoplatform combined with a thermosensitive gel for imaging-guided interventional therapy in PDX of pancreatic cancer. <i>Chemical Engineering Journal</i> , <b>2020</b> , 382, 122949	14.7	15
376	Bivalent Peptide- and Chelator-Containing Bioconjugates as Toolbox Components for Personalized Nanomedicine. <i>Biomacromolecules</i> , <b>2020</b> , 21, 199-213	6.9	6
375	Dendrimer- and polymeric nanoparticle-aptamer bioconjugates as nonviral delivery systems: a new approach in medicine. <i>Drug Discovery Today</i> , <b>2020</b> , 25, 1065-1073	8.8	24
374	Polyethylenimine-Based Nanogels for Biomedical Applications. <i>Macromolecular Bioscience</i> , <b>2019</b> , 19, e1900272	5.5	31
373	Catalytic Reduction of Hexavalent Chromium Using Iron/Palladium Bimetallic Nanoparticle-Assembled Filter Paper. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	8
372	Magnetic Resonance Imaging of the Human Ferritin Heavy Chain Reporter Gene Carried by Dendrimer-Entrapped Gold Nanoparticles. <i>Journal of Biomedical Nanotechnology</i> , <b>2019</b> , 15, 518-530	4	9
371	Zwitterionic Modification of Nanomaterials for Improved Diagnosis of Cancer Cells. <i>Bioconjugate Chemistry</i> , <b>2019</b> , 30, 2519-2527	6.3	17
370	Influence of size, crosslinking degree and surface structure of poly(N-vinylcaprolactam)-based microgels on their penetration into multicellular tumor spheroids. <i>Biomaterials Science</i> , <b>2019</b> , 7, 4738-4747	7.4	13
369	Morpholino-functionalized phosphorus dendrimers for precision regenerative medicine: osteogenic differentiation of mesenchymal stem cells. <i>Nanoscale</i> , <b>2019</b> , 11, 17230-17234	7.7	2
368	Capturing cancer cells using hyaluronic acid-immobilized electrospun random or aligned PLA nanofibers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2019</b> , 583, 123978	5.1	16
367	Zwitterion-functionalized dendrimer-entrapped gold nanoparticles for serum-enhanced gene delivery to inhibit cancer cell metastasis. <i>Acta Biomaterialia</i> , <b>2019</b> , 99, 320-329	10.8	45
366	Tc-Labeled Polyethylenimine-Entrapped Gold Nanoparticles with pH-Responsive Charge Conversion Property for Enhanced Dual Mode SPECT/CT Imaging of Cancer Cells. <i>Langmuir</i> , <b>2019</b> , 35, 13405-13412	4	12
365	Polydopamine-coated magnetic mesoporous silica nanoparticles for multimodal cancer theranostics. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 368-372	7.3	24

364	Poly(amidoamine) Dendrimer-Coordinated Copper(II) Complexes as a Theranostic Nanoplatform for the Radiotherapy-Enhanced Magnetic Resonance Imaging and Chemotherapy of Tumors and Tumor Metastasis. <i>Nano Letters</i> , <b>2019</b> , 19, 1216-1226	11.5	62
363	A 2280-GHz GaN Low-Noise Amplifier With 0.4 dB Noise Figure. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2019</b> , 29, 134-136	2.6	13
362	Comparative study of resazurin reduction and MTT assays for cytocompatibility evaluation of nanofibrous materials. <i>Analytical Methods</i> , <b>2019</b> , 11, 483-489	3.2	11
361	Dendrimer-Enabled Therapeutic Antisense Delivery Systems as Innovation in Medicine. <i>Bioconjugate Chemistry</i> , <b>2019</b> , 30, 1938-1950	6.3	23
360	A polydopamine-coated LAPONITE <sup>®</sup> -stabilized iron oxide nanoplatform for targeted multimodal imaging-guided photothermal cancer therapy. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 3856-3864	7.3	10
359	A multifunctional low-generation dendrimer-based nanoprobe for the targeted dual mode MR/CT imaging of orthotopic brain gliomas. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 3639-3643	7.3	21
358	Zwitterionic Polydopamine-Coated Manganese Oxide Nanoparticles with Ultrahigh Longitudinal Relaxivity for Tumor-Targeted MR Imaging. <i>Langmuir</i> , <b>2019</b> , 35, 4336-4341	4	13
357	Exploration of biomedical dendrimer space based on in-vitro physicochemical parameters: key factor analysis (Part 1). <i>Drug Discovery Today</i> , <b>2019</b> , 24, 1176-1183	8.8	23
356	Exploration of biomedical dendrimer space based on in-vivo physicochemical parameters: Key factor analysis (Part 2). <i>Drug Discovery Today</i> , <b>2019</b> , 24, 1184-1192	8.8	22
355	Immobilization of polyethyleneimine-templated silver nanoparticles onto filter paper for catalytic applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2019</b> , 571, 44-49	5.1	13
354	Zwitterionic Gadolinium(III)-Complexed Dendrimer-Entrapped Gold Nanoparticles for Enhanced Computed Tomography/Magnetic Resonance Imaging of Lung Cancer Metastasis. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 15212-15221	9.5	66
353	A short remark on Ren <sup>®</sup> modification of He <sup>®</sup> frequency <sup>®</sup> amplitude formulation and the temperature oscillation in a polar bear hair. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , <b>2019</b> , 38, 1374-1377	1.5	4
352	Stem cell-mediated delivery of nanogels loaded with ultrasmall iron oxide nanoparticles for enhanced tumor MR imaging. <i>Nanoscale</i> , <b>2019</b> , 11, 4904-4910	7.7	22
351	Hyaluronic Acid-Decorated Laponite Nanocomposites for Targeted Anticancer Drug Delivery. <i>Polymers</i> , <b>2019</b> , 11,	4.5	13
350	Light-Addressable Nanoclusters of Ultrasmall Iron Oxide Nanoparticles for Enhanced and Dynamic Magnetic Resonance Imaging of Arthritis. <i>Advanced Science</i> , <b>2019</b> , 6, 1901800	13.6	34
349	Construction of Electrospun Organic/Inorganic Hybrid Nanofibers for Drug Delivery and Tissue Engineering Applications. <i>Advanced Fiber Materials</i> , <b>2019</b> , 1, 32-45	10.9	56
348	Fluorescent Phosphorus Dendrimers: Towards Material and Biological Applications. <i>ChemPlusChem</i> , <b>2019</b> , 84, 1070-1080	2.8	17
347	Design of dual drug-loaded dendrimer/carbon dot nano hybrids for fluorescence imaging and enhanced chemotherapy of cancer cells. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 277-285	7.3	38

346	I-Labeled Multifunctional Polyphosphazene Nanospheres for SPECT Imaging-Guided Radiotherapy of Tumors. <i>Advanced Healthcare Materials</i> , <b>2019</b> , 8, e1901299	10.1	9
345	Single enzyme loaded nanoparticles for combinational ultrasound-guided focused ultrasound ablation and hypoxia-relieved chemotherapy. <i>Theranostics</i> , <b>2019</b> , 9, 8048-8060	12.1	11
344	Design of Tc-Labeled Low Generation Dendrimer-Entrapped Gold Nanoparticles for Targeted Single Photon Emission Computed Tomography/Computed Tomography Imaging of Gliomas. <i>Journal of Biomedical Nanotechnology</i> , <b>2019</b> , 15, 1201-1212	4	12
343	Design, complexing and catalytic properties of phosphorus thiazoles and benzothiazoles: a concise overview. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 16785-16795	3.6	4
342	Synthesis and anticancer activity of cyclotriphosphazenes functionalized with 4-methyl-7-hydroxycoumarin. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 18316-18321	3.6	7
341	Core-shell tecto dendrimers formed via host-guest supramolecular assembly as pH-responsive intelligent carriers for enhanced anticancer drug delivery. <i>Nanoscale</i> , <b>2019</b> , 11, 22343-22350	7.7	29
340	Specific capture and release of circulating tumor cells using a multifunctional nanofiber-integrated microfluidic chip. <i>Nanomedicine</i> , <b>2019</b> , 14, 183-199	5.6	14
339	Polydopamine-coated gold core/hollow mesoporous silica shell particles as a nanoplatform for multimode imaging and photothermal therapy of tumors. <i>Chemical Engineering Journal</i> , <b>2019</b> , 362, 842-850	14.7	46
338	Ultrasmall iron oxide nanoparticles: synthesis, surface modification, assembly, and biomedical applications. <i>Drug Discovery Today</i> , <b>2019</b> , 24, 835-844	8.8	49
337	Nonlinear oscillator of an artificial bone. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , <b>2019</b> , 38, 1184-1187	1.5	3
336	Repeatable Room Temperature Negative Differential Resistance in AlN/GaN Resonant Tunneling Diodes Grown on Sapphire. <i>Advanced Electronic Materials</i> , <b>2019</b> , 5, 1800651	6.4	23
335	Performing a catalysis reaction on filter paper: development of a metal palladium nanoparticle-based catalyst. <i>Nanoscale Advances</i> , <b>2019</b> , 1, 342-346	5.1	10
334	Cu-Labeled multifunctional dendrimers for targeted tumor PET imaging. <i>Nanoscale</i> , <b>2018</b> , 10, 6113-6124	7.7	30
333	Assessment of lingual sentinel lymph nodes metastases using dual-modal indirect CT/MR lymphography with gold-gadolinium-based nanoprobe in a tongue VX carcinoma model. <i>Acta Oto-Laryngologica</i> , <b>2018</b> , 138, 727-733	1.6	2
332	Recent therapeutic applications of the theranostic principle with dendrimers in oncology. <i>Science China Materials</i> , <b>2018</b> , 61, 1367-1386	7.1	21
331	Tc-labelled multifunctional polyethylenimine-entrapped gold nanoparticles for dual mode SPECT and CT imaging. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2018</b> , 46, 488-498	6.1	15
330	Heat shock protein-guided dual-mode CT/MR imaging of orthotopic hepatocellular carcinoma tumor. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 1342-1350	7.3	6
329	Integration of aligned polymer nanofibers within a microfluidic chip for efficient capture and rapid release of circulating tumor cells. <i>Materials Chemistry Frontiers</i> , <b>2018</b> , 2, 891-900	7.8	20

328	Design of functional electrospun nanofibers for cancer cell capture applications. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 1420-1432	7.3	31
327	Construction of iron oxide nanoparticle-based hybrid platforms for tumor imaging and therapy. <i>Chemical Society Reviews</i> , <b>2018</b> , 47, 1874-1900	58.5	214
326	Tc-Labeled RGD-Polyethylenimine Conjugates with Entrapped Gold Nanoparticles in the Cavities for Dual-Mode SPECT/CT Imaging of Hepatic Carcinoma. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 6146-6154	9.5	21
325	PEGylated dendrimer-entrapped gold nanoparticles with low immunogenicity for targeted gene delivery.. <i>RSC Advances</i> , <b>2018</b> , 8, 1265-1273	3.7	20
324	A Microfluidic Chip Integrated with Hyaluronic Acid-Functionalized Electrospun Chitosan Nanofibers for Specific Capture and Nondestructive Release of CD44-Overexpressing Circulating Tumor Cells. <i>Bioconjugate Chemistry</i> , <b>2018</b> , 29, 1081-1090	6.3	35
323	Interactions gold/phosphorus dendrimers. Versatile ways to hybrid organic/metallic macromolecules. <i>Coordination Chemistry Reviews</i> , <b>2018</b> , 358, 80-91	23.2	16
322	Cyclotriphosphazene core-based dendrimers for biomedical applications: an update on recent advances. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 884-895	7.3	44
321	Construction of Hybrid Alginate Nanogels Loaded with Manganese Oxide Nanoparticles for Enhanced Tumor Magnetic Resonance Imaging. <i>ACS Macro Letters</i> , <b>2018</b> , 7, 137-142	6.6	20
320	Targeted tumor dual mode CT/MR imaging using multifunctional polyethylenimine-entrapped gold nanoparticles loaded with gadolinium. <i>Drug Delivery</i> , <b>2018</b> , 25, 178-186	7	29
319	Radiotherapy-Sensitized Tumor Photothermal Ablation Using Polyglutamic Acid Nanogels Loaded with Polypyrrole. <i>Biomacromolecules</i> , <b>2018</b> , 19, 2034-2042	6.9	36
318	Design of electrospun nanofibrous mats for osteogenic differentiation of mesenchymal stem cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2018</b> , 14, 2505-2520	6	54
317	Optimization of the composition and dosage of PEGylated polyethylenimine-entrapped gold nanoparticles for blood pool, tumor, and lymph node CT imaging. <i>Materials Science and Engineering C</i> , <b>2018</b> , 83, 9-16	8.3	13
316	Acetylated Polyethylenimine-Entrapped Gold Nanoparticles Enable Negative Computed Tomography Imaging of Orthotopic Hepatic Carcinoma. <i>Langmuir</i> , <b>2018</b> , 34, 8701-8707	4	13
315	New Ways to Treat Tuberculosis Using Dendrimers as Nanocarriers. <i>Pharmaceutics</i> , <b>2018</b> , 10,	6.4	19
314	FRACTAL CALCULUS AND ITS APPLICATION TO EXPLANATION OF BIOMECHANISM OF POLAR BEAR HAIRS. <i>Fractals</i> , <b>2018</b> , 26, 1850086	3.2	54
313	Enhanced Delivery of Therapeutic siRNA into Glioblastoma Cells Using Dendrimer-Entrapped Gold Nanoparticles Conjugated with Cyclodextrin. <i>Nanomaterials</i> , <b>2018</b> , 8,	5.4	45
312	Loading of Indocyanine Green within Polydopamine-Coated Laponite Nanodisks for Targeted Cancer Photothermal and Photodynamic Therapy. <i>Nanomaterials</i> , <b>2018</b> , 8,	5.4	34
311	18B1 GHz GaN MMIC LNA using a 0.1 um T-gate HEMT process <b>2018</b> ,		4

310	Dendrimer-Based Nanoplatforms for SPECT Imaging Applications <b>2018</b> , 509-535		2
309	Dendrimer-based strategies for cancer therapy: Recent advances and future perspectives. <i>Science China Materials</i> , <b>2018</b> , 61, 1387-1403	7.1	44
308	One-Step Loading of Gold and GdO Nanoparticles within PEGylated Polyethylenimine for Dual Mode Computed Tomography/Magnetic Resonance Imaging of Tumors.. <i>ACS Applied Bio Materials</i> , <b>2018</b> , 1, 221-225	4.1	7
307	UTMD-Promoted Co-Delivery of Gemcitabine and miR-21 Inhibitor by Dendrimer-Entrapped Gold Nanoparticles for Pancreatic Cancer Therapy. <i>Theranostics</i> , <b>2018</b> , 8, 1923-1939	12.1	92
306	Targeted dual-mode imaging and phototherapy of tumors using ICG-loaded multifunctional MWCNTs as a versatile platform. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 6122-6132	7.3	16
305	SPECT/CT imaging of chemotherapy-induced tumor apoptosis using Tc-labeled dendrimer-entrapped gold nanoparticles. <i>Drug Delivery</i> , <b>2018</b> , 25, 1384-1393	7	33
304	A unique nanogel-based platform for enhanced dual mode tumor MR/CT imaging. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 4835-4842	7.3	16
303	Organic/inorganic nanohybrids formed using electrospun polymer nanofibers as nanoreactors. <i>Coordination Chemistry Reviews</i> , <b>2018</b> , 372, 31-51	23.2	25
302	Iron or Iron-Based Bimetallic Nanoparticle-Immobilized Electrospun Polymer Nanofibers for Environmental Remediation Applications <b>2018</b> , 257-282		
301	Dendrimers in combination with natural products and analogues as anti-cancer agents. <i>Chemical Society Reviews</i> , <b>2018</b> , 47, 514-532	58.5	122
300	Bench-to-bedside translation of dendrimers: Reality or utopia? A concise analysis. <i>Advanced Drug Delivery Reviews</i> , <b>2018</b> , 136-137, 73-81	18.5	37
299	The chemotaxis regulator pilG of <i>Xylella fastidiosa</i> is required for virulence in <i>Vitis vinifera</i> grapevines. <i>European Journal of Plant Pathology</i> , <b>2018</b> , 150, 351-362	2.1	2
298	Dendrimer-Stabilized Gold Nanoflowers Embedded with Ultrasmall Iron Oxide Nanoparticles for Multimode Imaging-Guided Combination Therapy of Tumors. <i>Advanced Science</i> , <b>2018</b> , 5, 1801612	13.6	73
297	Polyethyleneimine-Coated Manganese Oxide Nanoparticles for Targeted Tumor PET/MR Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 34954-34964	9.5	36
296	Doxorubicin-Conjugated PAMAM Dendrimers for pH-Responsive Drug Release and Folic Acid-Targeted Cancer Therapy. <i>Pharmaceutics</i> , <b>2018</b> , 10,	6.4	51
295	Multifunctional Dendrimer-Entrapped Gold Nanoparticles Conjugated with Doxorubicin for pH-Responsive Drug Delivery and Targeted Computed Tomography Imaging. <i>Langmuir</i> , <b>2018</b> , 34, 12428-12435 <sup>60</sup>		
294	Stacking of doxorubicin on folic acid-targeted multiwalled carbon nanotubes for in vivo chemotherapy of tumors. <i>Drug Delivery</i> , <b>2018</b> , 25, 1607-1616	7	28
293	18-31 GHz GaN wideband low noise amplifier (LNA) using a 0.1 $\mu\text{m}$ T-gate high electron mobility transistor (HEMT) process. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , <b>2018</b> , 28, e21425	1.5	5

292	Electrospun PEGylated PLGA nanofibers for drug encapsulation and release. <i>Materials Science and Engineering C</i> , <b>2018</b> , 91, 255-262	8.3	41
291	Loading of Au/Ag bimetallic nanoparticles within electrospun PVA/PEI nanofibers for catalytic applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2018</b> , 552, 9-15	5.1	32
290	Using PEGylated iron oxide nanoparticles with ultrahigh relaxivity for MR imaging of an orthotopic model of human hepatocellular carcinoma. <i>Journal of Nanoparticle Research</i> , <b>2017</b> , 19, 1	2.3	3
289	Gadolinium-Loaded Poly(N-vinylcaprolactam) Nanogels: Synthesis, Characterization, and Application for Enhanced Tumor MR Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 3411-3418	9.5	48
288	Formation of Gold Nanostar-Coated Hollow Mesoporous Silica for Tumor Multimodality Imaging and Photothermal Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 5817-5827	9.5	140
287	A multifunctional polyethylenimine-based nanoplatform for targeted anticancer drug delivery to tumors in vivo. <i>Journal of Materials Chemistry B</i> , <b>2017</b> , 5, 1542-1550	7.3	37
286	Hyaluronic acid-functionalized electrospun PLGA nanofibers embedded in a microfluidic chip for cancer cell capture and culture. <i>Biomaterials Science</i> , <b>2017</b> , 5, 752-761	7.4	58
285	Effect of antifouling dendrimers and Au DENPs on the enhancement of PCR amplification. <i>Canadian Journal of Chemistry</i> , <b>2017</b> , 95, 942-947	0.9	
284	Alpha-Tocopheryl Succinate-Conjugated G5 PAMAM Dendrimer Enables Effective Inhibition of Ulcerative Colitis. <i>Advanced Healthcare Materials</i> , <b>2017</b> , 6, 1700276	10.1	18
283	Dendrimer-Modified MoS Nanoflakes as a Platform for Combinational Gene Silencing and Photothermal Therapy of Tumors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 15995-16005	9.5	80
282	A promising dual mode SPECT/CT imaging platform based on Tc-labeled multifunctional dendrimer-entrapped gold nanoparticles. <i>Journal of Materials Chemistry B</i> , <b>2017</b> , 5, 3810-3815	7.3	34
281	Dynamically tuning near-infrared-induced photothermal performances of TiO nanocrystals by Nb doping for imaging-guided photothermal therapy of tumors. <i>Nanoscale</i> , <b>2017</b> , 9, 9148-9159	7.7	61
280	Effective cell trapping using PDMS microspheres in an acoustofluidic chip. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2017</b> , 157, 347-354	6	5
279	Targeted CT/MR dual mode imaging of human hepatocellular carcinoma using lactobionic acid-modified polyethylenimine-entrapped gold nanoparticles. <i>Journal of Materials Chemistry B</i> , <b>2017</b> , 5, 2395-2401	7.3	18
278	Aqueous-phase synthesis of iron oxide nanoparticles and composites for cancer diagnosis and therapy. <i>Advances in Colloid and Interface Science</i> , <b>2017</b> , 249, 374-385	14.3	23
277	Multifunctional PEI-entrapped gold nanoparticles enable efficient delivery of therapeutic siRNA into glioblastoma cells. <i>Biomaterials Science</i> , <b>2017</b> , 5, 258-266	7.4	55
276	Antifouling Manganese Oxide Nanoparticles: Synthesis, Characterization, and Applications for Enhanced MR Imaging of Tumors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 47-53	9.5	42
275	LAPONITE-Polyethylenimine Based Theranostic Nanoplatform for Tumor-Targeting CT Imaging and Chemotherapy. <i>ACS Biomaterials Science and Engineering</i> , <b>2017</b> , 3, 431-442	5.5	32

274	Construction of core-shell tecto dendrimers based on supramolecular host-guest assembly for enhanced gene delivery. <i>Journal of Materials Chemistry B</i> , <b>2017</b> , 5, 8459-8466	7.3	29
273	Functional Dendrimer-Based Vectors for Gene Delivery Applications <b>2017</b> , 285-309		1
272	Targeted tumor SPECT/CT dual mode imaging using multifunctional RGD-modified low generation dendrimer-entrapped gold nanoparticles. <i>Biomaterials Science</i> , <b>2017</b> , 5, 2393-2397	7.4	39
271	An RGD-modified hollow silica@Au core/shell nanoplatfrom for tumor combination therapy. <i>Acta Biomaterialia</i> , <b>2017</b> , 62, 273-283	10.8	55
270	Polyaniline-loaded $\beta$ -polyglutamic acid nanogels as a platform for photoacoustic imaging-guided tumor photothermal therapy. <i>Nanoscale</i> , <b>2017</b> , 9, 12746-12754	7.7	53
269	Multifunctional polyethylenimine-based nanoplatfrom for targeted anti-cancer drug delivery to tumors. <i>Journal of Controlled Release</i> , <b>2017</b> , 259, e10-e11	11.7	
268	Dendrimers meet zwitterions: development of a unique antifouling nanoplatfrom for enhanced blood pool, lymph node and tumor CT imaging. <i>Nanoscale</i> , <b>2017</b> , 9, 12295-12301	7.7	40
267	Zwitterion-coated ultrasmall iron oxide nanoparticles for enhanced T-weighted magnetic resonance imaging applications. <i>Journal of Materials Chemistry B</i> , <b>2017</b> , 5, 7267-7273	7.3	47
266	Inhalation Exposure to PM Counteracts Hepatic Steatosis in Mice Fed High-fat Diet by Stimulating Hepatic Autophagy. <i>Scientific Reports</i> , <b>2017</b> , 7, 16286	4.9	24
265	Design and Biomedical Applications of Poly(amidoamine)-Dendrimer-Based Hybrid Nanoarchitectures. <i>Small Methods</i> , <b>2017</b> , 1, 1700224	12.8	38
264	Dendrimer-based contrast agents for PET imaging. <i>Drug Delivery</i> , <b>2017</b> , 24, 81-93	7	17
263	Facile Formation of Gold-Nanoparticle-Loaded $\beta$ -Polyglutamic Acid Nanogels for Tumor Computed Tomography Imaging. <i>Bioconjugate Chemistry</i> , <b>2017</b> , 28, 2692-2697	6.3	25
262	A facile synthesis of size- and shape-controlled Gd(OH) <sub>3</sub> nanoparticles and Gd(OH) <sub>3</sub> @Au core/shell nanostars. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 15136-15143	3.6	1
261	Facile Synthesis of Lactobionic Acid-Targeted Iron Oxide Nanoparticles with Ultrahigh Relaxivity for Targeted MR Imaging of an Orthotopic Model of Human Hepatocellular Carcinoma. <i>Particle and Particle Systems Characterization</i> , <b>2017</b> , 34, 1600113	3.1	11
260	Long-term observation of indirect lymphography using gadolinium-loaded polyethylenimine-entrapped gold nanoparticles as a dual mode CT/MR contrast agent for rabbit lingual sentinel lymph node identification. <i>Acta Oto-Laryngologica</i> , <b>2017</b> , 137, 207-214	1.6	9
259	Immobilization of iron oxide nanoparticles within alginate nanogels for enhanced MR imaging applications. <i>Biomaterials Science</i> , <b>2016</b> , 4, 1422-30	7.4	34
258	Gd-Chelated poly(propylene imine) dendrimers with densely organized maltose shells for enhanced MR imaging applications. <i>Biomaterials Science</i> , <b>2016</b> , 4, 1622-1629	7.4	25
257	Mechanistic Studies of Enhanced PCR Using PEGylated PEI-Entrapped Gold Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 25808-25817	9.5	17

256	Short-Term Dynamic Observation of the Color Change and Enhancement Effect of Polyethylenimine-Entrapped Gold Nanoparticles Used for Indirect Lymphography. <i>Orl</i> , <b>2016</b> , 78, 136-43	2	5
255	(99m)Tc-Labeled Multifunctional Low-Generation Dendrimer-Entrapped Gold Nanoparticles for Targeted SPECT/CT Dual-Mode Imaging of Tumors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 19883-19891	9.5	75
254	Stimuli-responsive poly(N-vinylcaprolactam-co-2-methoxyethyl acrylate) core-shell microgels: facile synthesis, modulation of surface properties and controlled internalisation into cells. <i>Journal of Materials Chemistry B</i> , <b>2016</b> , 4, 5127-5137	7.3	28
253	Gold Nanoparticles for X-ray Computed Tomography Imaging		2016, 1-27
252	Efficient delivery of therapeutic siRNA into glioblastoma cells using multifunctional dendrimer-entrapped gold nanoparticles. <i>Nanomedicine</i> , <b>2016</b> , 11, 3103-3115	5.6	45
251	Multifunctional Fe <sub>3</sub> O <sub>4</sub> @ Au core/shell nanostars: a unique platform for multimode imaging and photothermal therapy of tumors. <i>Scientific Reports</i> , <b>2016</b> , 6, 28325	4.9	89
250	Gene delivery using dendrimer/pDNA complexes immobilized in electrospun fibers using the Layer-by-Layer technique. <i>RSC Advances</i> , <b>2016</b> , 6, 97116-97128	3.7	12
249	Hyaluronic acid-modified manganese-chelated dendrimer-entrapped gold nanoparticles for the targeted CT/MR dual-mode imaging of hepatocellular carcinoma. <i>Scientific Reports</i> , <b>2016</b> , 6, 33844	4.9	28
248	Visualization of Twitching Motility and Characterization of the Role of the PilG in <i>Xylella fastidiosa</i> . <i>Journal of Visualized Experiments</i> , <b>2016</b> ,	1.6	2
247	Multifunctional gold nanocomposites designed for targeted CT/MR/optical trimodal imaging of human non-small cell lung cancer cells. <i>Nanoscale</i> , <b>2016</b> , 8, 13568-73	7.7	19
246	Structural characterization of PEGylated polyethylenimine-entrapped gold nanoparticles: an NMR study. <i>Analyst, The</i> , <b>2016</b> , 141, 5390-7	5	18
245	Folic acid-targeted iron oxide nanoparticles as contrast agents for magnetic resonance imaging of human ovarian cancer. <i>Journal of Ovarian Research</i> , <b>2016</b> , 9, 19	5.5	43
244	Synthesis of diatrizoic acid-modified LAPONITE <sup>®</sup> nanodisks for CT imaging applications. <i>RSC Advances</i> , <b>2016</b> , 6, 57490-57496	3.7	7
243	PEGylated polyethylenimine-entrapped gold nanoparticles loaded with gadolinium for dual-mode CT/MR imaging applications. <i>Nanomedicine</i> , <b>2016</b> , 11, 1639-52	5.6	36
242	PEGylated polyethylenimine-entrapped gold nanoparticles modified with folic acid for targeted tumor CT imaging. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2016</b> , 140, 489-496	6	75
241	Ultrastable polyethyleneimine-stabilized gold nanoparticles modified with polyethylene glycol for blood pool, lymph node and tumor CT imaging. <i>Nanoscale</i> , <b>2016</b> , 8, 5567-77	7.7	32
240	Branched polyethyleneimine modified with hyaluronic acid via a PEG spacer for targeted anticancer drug delivery. <i>RSC Advances</i> , <b>2016</b> , 6, 9232-9239	3.7	12
239	Dendrimer-Based Nanodevices as Contrast Agents for MR Imaging Applications. <i>Springer Series in Biomaterials Science and Engineering</i> , <b>2016</b> , 249-270	0.6	5

238	Facile Synthesis of Folic Acid-Modified Iron Oxide Nanoparticles for Targeted MR Imaging in Pulmonary Tumor Xenografts. <i>Molecular Imaging and Biology</i> , <b>2016</b> , 18, 569-78	3.8	20
237	(131)I-labeled multifunctional dendrimers modified with BmK CT for targeted SPECT imaging and radiotherapy of gliomas. <i>Nanomedicine</i> , <b>2016</b> , 11, 1253-66	5.6	43
236	Fine tuning of the pH-sensitivity of laponite-doxorubicin nanohybrids by polyelectrolyte multilayer coating. <i>Materials Science and Engineering C</i> , <b>2016</b> , 60, 348-356	8.3	33
235	LAPONITE <sup>®</sup> -stabilized iron oxide nanoparticles for in vivo MR imaging of tumors. <i>Biomaterials Science</i> , <b>2016</b> , 4, 474-82	7.4	33
234	Modified Nanoemulsions with Iron Oxide for Magnetic Resonance Imaging. <i>Nanomaterials</i> , <b>2016</b> , 6,	5.4	8
233	Nanogels as Contrast Agents for Molecular Imaging. <i>Chinese Journal of Chemistry</i> , <b>2016</b> , 34, 547-557	4.9	4
232	Dendrimer-based magnetic iron oxide nanoparticles: their synthesis and biomedical applications. <i>Drug Discovery Today</i> , <b>2016</b> , 21, 1873-1885	8.8	74
231	Dendrimer-Stabilized Gold Nanostars as a Multifunctional Theranostic Nanoplatfom for CT Imaging, Photothermal Therapy, and Gene Silencing of Tumors. <i>Advanced Healthcare Materials</i> , <b>2016</b> , 5, 3203-3213	10.1	68
230	Dendrimer-entrapped gold nanoparticles modified with $\beta$ -cyclodextrin for enhanced gene delivery applications. <i>RSC Advances</i> , <b>2016</b> , 6, 25633-25640	3.7	33
229	Partially PEGylated dendrimer-entrapped gold nanoparticles: a promising nanoplatfom for highly efficient DNA and siRNA delivery. <i>Journal of Materials Chemistry B</i> , <b>2016</b> , 4, 2933-2943	7.3	49
228	Enhanced CT imaging of human laryngeal squamous carcinoma and indirect CT lymphography imaging using PEGylated PAMAM G5-NH <sub>2</sub> -entrapped gold nanoparticles as contrast agent. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2016</b> , 497, 194-204	5.1	12
227	Construction of polydopamine-coated gold nanostars for CT imaging and enhanced photothermal therapy of tumors: an innovative theranostic strategy. <i>Journal of Materials Chemistry B</i> , <b>2016</b> , 4, 4216-4226	7.3	64
226	Facile preparation of hyaluronic acid-modified Fe <sub>3</sub> O <sub>4</sub> @Mn <sub>3</sub> O <sub>4</sub> nanocomposites for targeted T1/T2 dual-mode MR imaging of cancer cells. <i>RSC Advances</i> , <b>2016</b> , 6, 35295-35304	3.7	17
225	The design of a multifunctional dendrimer-based nanoplatfom for targeted dual mode SPECT/MR imaging of tumors. <i>Journal of Materials Chemistry B</i> , <b>2016</b> , 4, 7220-7225	7.3	20
224	Dendrimer-functionalized LAPONITE <sup>®</sup> nanodisks loaded with gadolinium for T1-weighted MR imaging applications. <i>RSC Advances</i> , <b>2016</b> , 6, 95112-95119	3.7	10
223	Enhanced proliferation and osteogenic differentiation of mesenchymal stem cells on graphene oxide-incorporated electrospun poly(lactic-co-glycolic acid) nanofibrous mats. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 6331-9	9.5	246
222	Targeted CT imaging of human hepatocellular carcinoma using low-generation dendrimer-entrapped gold nanoparticles modified with lactobionic acid. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 286-295	7.3	52
221	Dendrimer-entrapped gold nanoparticles modified with RGD peptide and alpha-tocopheryl succinate enable targeted theranostics of cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2015</b> , 133, 36-42	6	58

220	Facile synthesis of RGD peptide-modified iron oxide nanoparticles with ultrahigh relaxivity for targeted MR imaging of tumors. <i>Biomaterials Science</i> , <b>2015</b> , 3, 721-32	7.4	55
219	Encapsulation of doxorubicin within multifunctional gadolinium-loaded dendrimer nanocomplexes for targeted theranostics of cancer cells. <i>RSC Advances</i> , <b>2015</b> , 5, 30286-30296	3.7	48
218	Multifunctional dendrimer-entrapped gold nanoparticles modified with RGD peptide for targeted computed tomography/magnetic resonance dual-modal imaging of tumors. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 3949-56	7.8	111
217	Conjugation of iron oxide nanoparticles with RGD-modified dendrimers for targeted tumor MR imaging. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 5420-8	9.5	71
216	Formation of iron oxide nanoparticle-loaded polyglutamic acid nanogels for MR imaging of tumors. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 8684-8693	7.3	25
215	Facile synthesis and functionalization of manganese oxide nanoparticles for targeted T1-weighted tumor MR imaging. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2015</b> , 136, 506-13	6	26
214	Facile synthesis of hyaluronic acid-modified FeO/Au composite nanoparticles for targeted dual mode MR/CT imaging of tumors. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 9098-9108	7.3	41
213	Partially Acetylated Dendrimer-Entrapped Gold Nanoparticles with Reduced Cytotoxicity for Gene Delivery Applications. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2015</b> , 15, 4094-105	1.3	28
212	Biodegradable Polymer Nanogels for Drug/Nucleic Acid Delivery. <i>Chemical Reviews</i> , <b>2015</b> , 115, 8564-60868.1	330	
211	RGD-functionalized ultrasmall iron oxide nanoparticles for targeted T1-weighted MR imaging of gliomas. <i>Nanoscale</i> , <b>2015</b> , 7, 14538-46	7.7	95
210	Capturing hepatocellular carcinoma cells using lactobionic acid-functionalized electrospun polyvinyl alcohol/polyethyleneimine nanofibers. <i>RSC Advances</i> , <b>2015</b> , 5, 70439-70447	3.7	22
209	Radionuclide ( <sup>131</sup> I)-labeled multifunctional dendrimers for targeted SPECT imaging and radiotherapy of tumors. <i>Nanoscale</i> , <b>2015</b> , 7, 18169-78	7.7	54
208	Chlorotoxin-Conjugated Multifunctional Dendrimers Labeled with Radionuclide <sup>131</sup> I for Single Photon Emission Computed Tomography Imaging and Radiotherapy of Gliomas. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 19798-808	9.5	86
207	Poly( $\beta$ -glutamic acid)-stabilized iron oxide nanoparticles: synthesis, characterization and applications for MR imaging of tumors. <i>RSC Advances</i> , <b>2015</b> , 5, 76700-76707	3.7	16
206	RGD peptide-modified multifunctional dendrimer platform for drug encapsulation and targeted inhibition of cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2015</b> , 125, 82-9	6	87
205	Dendrimer-based molecular imaging contrast agents. <i>Progress in Polymer Science</i> , <b>2015</b> , 44, 1-27	29.6	122
204	Hyaluronic acid-modified Fe <sub>3</sub> O <sub>4</sub> @Au core/shell nanostars for multimodal imaging and photothermal therapy of tumors. <i>Biomaterials</i> , <b>2015</b> , 38, 10-21	15.6	314
203	Hyaluronic acid-modified multiwalled carbon nanotubes for targeted delivery of doxorubicin into cancer cells. <i>Carbohydrate Research</i> , <b>2015</b> , 405, 70-7	2.9	78

202	Targeted delivery of doxorubicin by lactobionic acid-modified laponite to hepatocarcinoma cells. <i>Journal of Controlled Release</i> , <b>2015</b> , 213, e34	11.7	4
201	Encapsulation of doxorubicin within lactobionic acid-modified multifunctional poly(amidoamine) dendrimers for targeted therapy of liver cancer cells. <i>Journal of Controlled Release</i> , <b>2015</b> , 213, e31-2	11.7	4
200	Targeted CT imaging of cancer cells using PEGylated low-generation dendrimer-entrapped gold nanoparticles. <i>Journal of Controlled Release</i> , <b>2015</b> , 213, e138-9	11.7	4
199	PAMAM Dendrimer/pDNA Functionalized-Magnetic Iron Oxide Nanoparticles for Gene Delivery. <i>Journal of Biomedical Nanotechnology</i> , <b>2015</b> , 11, 1370-84	4	43
198	Poly(amidoamine) Dendrimers Modified with 1,2-Epoxyhexane or 1,2-Epoxydodecane for Enhanced Gene Delivery Applications. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2015</b> , 15, 10134-40	1.3	14
197	Relief of diabetes by duodenal-jejunal bypass sleeve implantation in the high-fat diet and streptozotocin-induced diabetic rat model is associated with an increase in GLP-1 levels and the number of GLP-1-positive cells. <i>Experimental and Therapeutic Medicine</i> , <b>2015</b> , 10, 1355-1363	2.1	7
196	Dendrimer-Assisted Formation of Fe <sub>3</sub> O <sub>4</sub> /Au Nanocomposite Particles for Targeted Dual Mode CT/MR Imaging of Tumors. <i>Small</i> , <b>2015</b> , 11, 4584-93	11	107
195	Hyaluronic Acid-Functionalized Electrospun Polyvinyl Alcohol/Polyethyleneimine Nanofibers for Cancer Cell Capture Applications. <i>Advanced Materials Interfaces</i> , <b>2015</b> , 2, 1500256	4.6	44
194	Facile Synthesis of Gd(OH) <sub>3</sub> -Doped Fe <sub>3</sub> O <sub>4</sub> Nanoparticles for Dual-Mode T1- and T2-Weighted Magnetic Resonance Imaging Applications. <i>Particle and Particle Systems Characterization</i> , <b>2015</b> , 32, 934-943	3.1	16
193	Dendrimer-Functionalized Laponite Nanodisks as a Platform for Anticancer Drug Delivery. <i>Nanomaterials</i> , <b>2015</b> , 5, 1716-1731	5.4	18
192	Targeted doxorubicin delivery to hepatocarcinoma cells by lactobionic acid-modified laponite nanodisks. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 2847-2855	3.6	46
191	Attapulгите-doped electrospun poly(lactic-co-glycolic acid) nanofibers enable enhanced osteogenic differentiation of human mesenchymal stem cells. <i>RSC Advances</i> , <b>2015</b> , 5, 2383-2391	3.7	26
190	Facile synthesis of folic acid-functionalized iron oxide nanoparticles with ultrahigh relaxivity for targeted tumor MR imaging. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 5720-5730	7.3	36
189	Multifunctional Gadolinium-Doped Manganese Carbonate Nanoparticles for Targeted MR/Fluorescence Imaging of Tiny Brain Gliomas. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 6251-7	7.8	25
188	Iron Oxide Nanoparticles: Facile Synthesis of Gd(OH) <sub>3</sub> -Doped Fe <sub>3</sub> O <sub>4</sub> Nanoparticles for Dual-Mode T1- and T2-Weighted Magnetic Resonance Imaging Applications (Part. Part. Syst. Charact. 10/2015). <i>Particle and Particle Systems Characterization</i> , <b>2015</b> , 32, 918-918	3.1	1
187	Electrospun attapulгите-doped poly(lactic-co-glycolic acid) nanofibers for osteogenic differentiation of human mesenchymal stem cells. <i>Journal of Controlled Release</i> , <b>2015</b> , 213, e146	11.7	5
186	The assembly of polyethyleneimine-entrapped gold nanoparticles onto filter paper for catalytic applications. <i>RSC Advances</i> , <b>2015</b> , 5, 104239-104244	3.7	13
185	RGD peptide-modified dendrimer-entrapped gold nanoparticles enable highly efficient and specific gene delivery to stem cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 4833-43	9.5	121

184	NMR characterization of PAMAM_G5.NH <sub>2</sub> entrapped atomic and molecular assemblies. <i>Journal of Physical Chemistry B</i> , <b>2015</b> , 119, 3312-9	3.4	16
183	Dendrimer-entrapped metal colloids as imaging agents. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , <b>2015</b> , 7, 678-90	9.2	11
182	Chlorotoxin-conjugated nanoparticles for targeted imaging and therapy of glioma. <i>Current Topics in Medicinal Chemistry</i> , <b>2015</b> , 15, 1196-208	3	18
181	Zero-Valent Iron Nanoparticle-Supported Composite Materials for Environmental Remediation Applications. <i>Current Nanoscience</i> , <b>2015</b> , 11, 748-759	1.4	9
180	Tungsten oxide nanorods: an efficient nanoplatform for tumor CT imaging and photothermal therapy. <i>Scientific Reports</i> , <b>2014</b> , 4, 3653	4.9	145
179	Antitumor efficacy of doxorubicin encapsulated within PEGylated poly(amidoamine) dendrimers. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 131, n/a-n/a	2.9	17
178	Dendrimer-assisted formation of fluorescent nanogels for drug delivery and intracellular imaging. <i>Biomacromolecules</i> , <b>2014</b> , 15, 492-9	6.9	67
177	Folic acid-modified laponite nanodisks for targeted anticancer drug delivery. <i>Journal of Materials Chemistry B</i> , <b>2014</b> , 2, 7410-7418	7.3	61
176	The assembly of dendrimer-stabilized gold nanoparticles onto electrospun polymer nanofibers for catalytic applications. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 2323	13	52
175	Hydrothermal Synthesis and Functionalization of Iron Oxide Nanoparticles for MR Imaging Applications. <i>Particle and Particle Systems Characterization</i> , <b>2014</b> , 31, 1223-1237	3.1	67
174	An exploratory study to evaluate the potential of nanohydroxyapatite as a powerful sorbent for efficient extraction of volatile organic metabolites, potential biomarkers of cancer. <i>Analytical Methods</i> , <b>2014</b> , 6, 6051	3.2	2
173	Multifunctional dendrimers modified with alpha-tocopheryl succinate for targeted cancer therapy. <i>MedChemComm</i> , <b>2014</b> , 5, 879-885	5	41
172	Synthesis of PEGylated low generation dendrimer-entrapped gold nanoparticles for CT imaging applications. <i>Nanoscale</i> , <b>2014</b> , 6, 4521-6	7.7	70
171	Multifunctional lactobionic acid-modified dendrimers for targeted drug delivery to liver cancer cells: investigating the role played by PEG spacer. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 16416-25	9.5	116
170	Amphiphilic polymer-mediated formation of laponite-based nanohybrids with robust stability and pH sensitivity for anticancer drug delivery. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 16687-95	9.5	73
169	Dendrimer-functionalized electrospun cellulose acetate nanofibers for targeted cancer cell capture applications. <i>Journal of Materials Chemistry B</i> , <b>2014</b> , 2, 7384-7393	7.3	39
168	Targeted cancer theranostics using alpha-tocopheryl succinate-conjugated multifunctional dendrimer-entrapped gold nanoparticles. <i>Biomaterials</i> , <b>2014</b> , 35, 7635-46	15.6	158
167	Doxorubicin-loaded poly(lactic-co-glycolic acid) hollow microcapsules for targeted drug delivery to cancer cells. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 3917-3924	3.6	20

166	Lactobionic acid-modified dendrimer-entrapped gold nanoparticles for targeted computed tomography imaging of human hepatocellular carcinoma. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 6944-53	9.5	107
165	Selective removal of mercury ions using thymine-grafted electrospun polymer nanofibers. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 1533-1539	3.6	25
164	Poly(amidoamine) dendrimer-enabled simultaneous stabilization and functionalization of electrospun poly(L-glutamic acid) nanofibers. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 2153-61	9.5	27
163	Magnetic resonance imaging of glioma with novel APTS-coated superparamagnetic iron oxide nanoparticles. <i>Nanoscale Research Letters</i> , <b>2014</b> , 9, 304	5	16
162	Synthesis and characterization of PEGylated polyethylenimine-entrapped gold nanoparticles for blood pool and tumor CT imaging. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 17190-9	9.5	94
161	Enhanced in vivo antitumor efficacy of doxorubicin encapsulated within laponite nanodisks. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 12328-34	9.5	46
160	Impact of dendrimer surface functional groups on the release of doxorubicin from dendrimer carriers. <i>Journal of Physical Chemistry B</i> , <b>2014</b> , 118, 1696-706	3.4	43
159	Hyaluronic acid-modified magnetic iron oxide nanoparticles for MR imaging of surgically induced endometriosis model in rats. <i>PLoS ONE</i> , <b>2014</b> , 9, e94718	3.7	26
158	Preparation of laponite bioceramics for potential bone tissue engineering applications. <i>PLoS ONE</i> , <b>2014</b> , 9, e99585	3.7	48
157	Imaging: Hydrothermal Synthesis and Functionalization of Iron Oxide Nanoparticles for MR Imaging Applications (Part. Part. Syst. Charact. 12/2014). <i>Particle and Particle Systems Characterization</i> , <b>2014</b> , 31, 1314-1314	3.1	
156	Hybrid Metal Nanoparticle-Containing Polymer Nanofibers for Environmental Applications <b>2014</b> , 95-108		
155	Multifunctional PEGylated multiwalled carbon nanotubes for enhanced blood pool and tumor MR imaging. <i>Advanced Healthcare Materials</i> , <b>2014</b> , 3, 1568-77, 1525	10.1	33
154	Antitumor efficacy of doxorubicin-loaded laponite/alginate hybrid hydrogels. <i>Macromolecular Bioscience</i> , <b>2014</b> , 14, 110-20	5.5	38
153	Disease Diagnosis: Multifunctional PEGylated Multiwalled Carbon Nanotubes for Enhanced Blood Pool and Tumor MR Imaging (Adv. Healthcare Mater. 10/2014). <i>Advanced Healthcare Materials</i> , <b>2014</b> , 3, 1522-1522	10.1	
152	Hyaluronic acid-modified hydrothermally synthesized iron oxide nanoparticles for targeted tumor MR imaging. <i>Biomaterials</i> , <b>2014</b> , 35, 3666-77	15.6	206
151	PLGA Hollow Microbubbles Loaded with Iron Oxide Nanoparticles and Doxorubicin for Dual-mode US/MR Imaging and Drug Delivery. <i>Current Nanoscience</i> , <b>2014</b> , 10, 543-552	1.4	9
150	Hemocompatibility of electrospun halloysite nanotube- and carbon nanotube-doped composite poly(lactic-co-glycolic acid) nanofibers. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 127, 4825-4832	2.9	72
149	Dendrimer-based nanodevices for targeted drug delivery applications. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 4199-4211	7.3	134

148	Polyethyleneimine-mediated synthesis of folic acid-targeted iron oxide nanoparticles for in vivo tumor MR imaging. <i>Biomaterials</i> , <b>2013</b> , 34, 8382-92	15.6	215
147	Targeted tumor CT imaging using folic acid-modified PEGylated dendrimer-entrapped gold nanoparticles. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 4412	4.9	85
146	Dendrimer-entrapped gold nanoparticles modified with folic acid for targeted gene delivery applications. <i>Biomaterials Science</i> , <b>2013</b> , 1, 1172-1180	7.4	50
145	Facile hydrothermal synthesis of low generation dendrimer-stabilized gold nanoparticles for in vivo computed tomography imaging applications. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 1788	4.9	53
144	Redox-responsive alginate nanogels with enhanced anticancer cytotoxicity. <i>Biomacromolecules</i> , <b>2013</b> , 14, 3140-6	6.9	134
143	Facile one-pot synthesis of Fe <sub>3</sub> O <sub>4</sub> @Au composite nanoparticles for dual-mode MR/CT imaging applications. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 10357-66	9.5	116
142	Enhanced decoloration efficacy of electrospun polymer nanofibers immobilized with Fe/Ni bimetallic nanoparticles. <i>RSC Advances</i> , <b>2013</b> , 3, 6455	3.7	31
141	Antitumor efficacy of doxorubicin-loaded electrospun nano-hydroxyapatite/poly(lactic-co-glycolic acid) composite nanofibers. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 933-941	4.9	107
140	Facile synthesis of acetylated dendrimer-entrapped gold nanoparticles with enhanced gold loading for CT imaging applications. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 2773-2780	7.3	21
139	Dendrimer-stabilized silver nanoparticles enable efficient colorimetric sensing of mercury ions in aqueous solution. <i>Analytical Methods</i> , <b>2013</b> , 5, 5486	3.2	34
138	Multifunctional dendrimer-entrapped gold nanoparticles for dual mode CT/MR imaging applications. <i>Biomaterials</i> , <b>2013</b> , 34, 1570-80	15.6	222
137	Sustained analgesia achieved through esterase-activated morphine prodrugs complexed with PAMAM dendrimer. <i>Pharmaceutical Research</i> , <b>2013</b> , 30, 247-56	4.5	14
136	Synthesis of polyethyleneimine-stabilized gold nanoparticles for colorimetric sensing of heparin. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2013</b> , 419, 80-86	5.1	60
135	Targeted CT/MR dual mode imaging of tumors using multifunctional dendrimer-entrapped gold nanoparticles. <i>Biomaterials</i> , <b>2013</b> , 34, 5200-9	15.6	194
134	Facile hydrothermal synthesis and surface functionalization of polyethyleneimine-coated iron oxide nanoparticles for biomedical applications. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 1722-31	9.5	237
133	Laponite nanodisks as an efficient platform for Doxorubicin delivery to cancer cells. <i>Langmuir</i> , <b>2013</b> , 29, 5030-6	4	145
132	Targeted tumor computed tomography imaging using low-generation dendrimer-stabilized gold nanoparticles. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 6409-16	4.8	86
131	Targeted and pH-responsive delivery of doxorubicin to cancer cells using multifunctional dendrimer-modified multi-walled carbon nanotubes. <i>Advanced Healthcare Materials</i> , <b>2013</b> , 2, 1267-76	10.1	89

130	Dendrimer-stabilized bismuth sulfide nanoparticles: synthesis, characterization, and potential computed tomography imaging applications. <i>Analyst, The</i> , <b>2013</b> , 138, 3172-80	5	58
129	Facile formation of folic acid-modified dendrimer-stabilized gold-silver alloy nanoparticles for potential cellular computed tomography imaging applications. <i>Analyst, The</i> , <b>2013</b> , 138, 1979-87	5	32
128	Carbon nanotube-incorporated multilayered cellulose acetate nanofibers for tissue engineering applications. <i>Carbohydrate Polymers</i> , <b>2013</b> , 91, 419-27	10.3	84
127	Targeted cancer cell inhibition using multifunctional dendrimer-entrapped gold nanoparticles. <i>MedChemComm</i> , <b>2013</b> , 4, 1001	5	36
126	Controlled release and antibacterial activity of antibiotic-loaded electrospun halloysite/poly(lactic-co-glycolic acid) composite nanofibers. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2013</b> , 110, 148-55	6	146
125	Effect of xylem fluid from susceptible and resistant grapevines on developmental biology of <i>Xylella fastidiosa</i> . <i>European Journal of Plant Pathology</i> , <b>2013</b> , 135, 127-135	2.1	10
124	Folic acid-modified dendrimer-entrapped gold nanoparticles as nanoprobes for targeted CT imaging of human lung adenocarcinoma. <i>Biomaterials</i> , <b>2013</b> , 34, 470-80	15.6	178
123	Characterization and antibacterial activity of amoxicillin-loaded electrospun nano-hydroxyapatite/poly(lactic-co-glycolic acid) composite nanofibers. <i>Biomaterials</i> , <b>2013</b> , 34, 1402-12	15.6	207
122	Dendrimer-mediated hydrothermal synthesis of ultrathin gold nanowires. <i>Scientific Reports</i> , <b>2013</b> , 3, 3181	4.9	8
121	Surface modification and PEGylation of branched polyethyleneimine for improved biocompatibility. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 128, 3807-3813	2.9	60
120	Multifunctional dendrimer-based nanoparticles for in vivo MR/CT dual-modal molecular imaging of breast cancer. <i>International Journal of Nanomedicine</i> , <b>2013</b> , 8, 2589-600	7.3	53
119	PEGylated dendrimer-entrapped gold nanoparticles for in vivo blood pool and tumor imaging by computed tomography. <i>Biomaterials</i> , <b>2012</b> , 33, 1107-19	15.6	335
118	Gene delivery using dendrimer-entrapped gold nanoparticles as nonviral vectors. <i>Biomaterials</i> , <b>2012</b> , 33, 3025-35	15.6	200
117	Enhanced dechlorination of trichloroethylene using electrospun polymer nanofibrous mats immobilized with iron/palladium bimetallic nanoparticles. <i>Journal of Hazardous Materials</i> , <b>2012</b> , 211-212, 349-56	12.8	61
116	A highly effective polymerase chain reaction enhancer based on dendrimer-entrapped gold nanoparticles. <i>Analyst, The</i> , <b>2012</b> , 137, 223-8	5	27
115	Facile one-pot preparation, surface functionalization, and toxicity assay of APTS-coated iron oxide nanoparticles. <i>Nanotechnology</i> , <b>2012</b> , 23, 105601	3.4	104
114	Nanotechnology and carbon nanotubes; A review of potential in drug delivery. <i>Macromolecular Research</i> , <b>2012</b> , 20, 891-898	1.9	17
113	Facile assembly of Fe <sub>3</sub> O <sub>4</sub> @Au nanocomposite particles for dual mode magnetic resonance and computed tomography imaging applications. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 15110		120

112	Encapsulation of amoxicillin within laponite-doped poly(lactic-co-glycolic acid) nanofibers: preparation, characterization, and antibacterial activity. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2012</b> , 4, 6393-401	9.5	151
111	Efficient catalytic reduction of hexavalent chromium using palladium nanoparticle-immobilized electrospun polymer nanofibers. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2012</b> , 4, 3054-61	9.5	157
110	Facile formation of dendrimer-stabilized gold nanoparticles modified with diatrizoic acid for enhanced computed tomography imaging applications. <i>Nanoscale</i> , <b>2012</b> , 4, 6768-78	7.7	76
109	Dendrimer-mediated synthesis and shape evolution of gold-silver alloy nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2012</b> , 405, 22-29	5.1	26
108	Effect of the surface functional groups of dendrimer-entrapped gold nanoparticles on the improvement of PCR. <i>Electrophoresis</i> , <b>2012</b> , 33, 2598-603	3.6	16
107	Impact of size and sorption on degradation of trichloroethylene and polychlorinated biphenyls by nano-scale zerovalent iron. <i>Journal of Hazardous Materials</i> , <b>2012</b> , 243, 73-9	12.8	36
106	Synthesis of glycoconjugated poly(amidoamine) dendrimers for targeting human liver cancer cells. <i>RSC Advances</i> , <b>2012</b> , 2, 99-102	3.7	33
105	Biocompatibility of electrospun halloysite nanotube-doped poly(lactic-co-glycolic acid) composite nanofibers. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2012</b> , 23, 299-313	3.5	79
104	Electrospun laponite-doped poly(lactic-co-glycolic acid) nanofibers for osteogenic differentiation of human mesenchymal stem cells. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 23357		82
103	Electrospun hybrid nanofibers doped with nanoparticles or nanotubes for biomedical applications. <i>Therapeutic Delivery</i> , <b>2012</b> , 3, 1155-69	3.8	42
102	Enhancing the specificity and efficiency of polymerase chain reaction using polyethyleneimine-based derivatives and hybrid nanocomposites. <i>International Journal of Nanomedicine</i> , <b>2012</b> , 7, 1069-78	7.3	34
101	Dendrimer-entrapped gold nanoparticles as potential CT contrast agents for blood pool imaging. <i>Nanoscale Research Letters</i> , <b>2012</b> , 7, 190	5	36
100	Fabrication and morphology control of electrospun poly(L-glutamic acid) nanofibers for biomedical applications. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2012</b> , 89, 254-64	6	63
99	Tunable synthesis and acetylation of dendrimer-entrapped or dendrimer-stabilized gold-silver alloy nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2012</b> , 94, 58-67	6	54
98	Dendrimers in cancer therapeutics and diagnosis. <i>Current Drug Metabolism</i> , <b>2012</b> , 13, 1097-109	3.5	33
97	Effect of surface charge of polyethyleneimine-modified multiwalled carbon nanotubes on the improvement of polymerase chain reaction. <i>Nanoscale</i> , <b>2011</b> , 3, 1741-7	7.7	45
96	Targeted delivery of doxorubicin into cancer cells using a folic acid-dendrimer conjugate. <i>Polymer Chemistry</i> , <b>2011</b> , 2, 1754	4.9	126
95	Probing the molecular weight of poly(amidoamine) dendrimers and derivatives using SDS-PAGE. <i>Analytical Methods</i> , <b>2011</b> , 3, 2348	3.2	5

94	Exploring the dark side of MTT viability assay of cells cultured onto electrospun PLGA-based composite nanofibrous scaffolding materials. <i>Analyst, The</i> , <b>2011</b> , 136, 2897-903	5	34
93	pH sensitive Laponite/alginate hybrid hydrogels: swelling behaviour and release mechanism. <i>Soft Matter</i> , <b>2011</b> , 7, 6231	3.6	68
92	Facile immobilization of gold nanoparticles into electrospun polyethyleneimine/polyvinyl alcohol nanofibers for catalytic applications. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 4493		164
91	Aminopropyltriethoxysilane-mediated surface functionalization of hydroxyapatite nanoparticles: synthesis, characterization, and in vitro toxicity assay. <i>International Journal of Nanomedicine</i> , <b>2011</b> , 6, 3449-59	7.3	49
90	Multifunctional dendrimer/combretastatin A4 inclusion complexes enable in vitro targeted cancer therapy. <i>International Journal of Nanomedicine</i> , <b>2011</b> , 6, 2337-49	7.3	39
89	Encapsulation of 2-methoxyestradiol within multifunctional poly(amidoamine) dendrimers for targeted cancer therapy. <i>Biomaterials</i> , <b>2011</b> , 32, 3322-9	15.6	170
88	Targeted dual-contrast T1- and T2-weighted magnetic resonance imaging of tumors using multifunctional gadolinium-labeled superparamagnetic iron oxide nanoparticles. <i>Biomaterials</i> , <b>2011</b> , 32, 4584-93	15.6	232
87	Acetylation of dendrimer-entrapped gold nanoparticles: Synthesis, stability, and X-ray attenuation properties. <i>Journal of Applied Polymer Science</i> , <b>2011</b> , 119, 1673-1682	2.9	60
86	Enhanced X-ray attenuation property of dendrimer-entrapped gold nanoparticles complexed with diatrizoic acid. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 5120		70
85	Fabrication and characterization of water-stable electrospun polyethyleneimine/polyvinyl alcohol nanofibers with super dye sorption capability. <i>New Journal of Chemistry</i> , <b>2011</b> , 35, 360-368	3.6	49
84	Excellent copper(II) removal using zero-valent iron nanoparticle-immobilized hybrid electrospun polymer nanofibrous mats. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2011</b> , 381, 48-54	5.1	120
83	Improved cellular response on multiwalled carbon nanotube-incorporated electrospun polyvinyl alcohol/chitosan nanofibrous scaffolds. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2011</b> , 84, 528-35	6	118
82	Computed tomography imaging of cancer cells using acetylated dendrimer-entrapped gold nanoparticles. <i>Biomaterials</i> , <b>2011</b> , 32, 2979-88	15.6	191
81	Manipulation of the loading and size of zero-valent iron nanoparticles immobilized in electrospun polymer nanofibers. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2011</b> , 11, 5089-97	1.3	11
80	Genome sequence of the plant-pathogenic bacterium <i>Dickeya dadantii</i> 3937. <i>Journal of Bacteriology</i> , <b>2011</b> , 193, 2076-7	3.5	78
79	Differential expression of genes of <i>Xylella fastidiosa</i> in xylem fluid of citrus and grapevine. <i>FEMS Microbiology Letters</i> , <b>2010</b> , 304, 82-8	2.9	9
78	X-ray Attenuation Property of Dendrimer-Entrapped Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 50-56	3.8	141
77	Electrospun poly(lactic-co-glycolic acid)/halloysite nanotube composite nanofibers for drug encapsulation and sustained release. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 10622		223

76	Capillary Electrophoresis of Dendrimer-Related Medical Nanodevices <b>2010</b> , 1		
75	Size-controlled synthesis of dendrimer-stabilized silver nanoparticles for X-ray computed tomography imaging applications. <i>Polymer Chemistry</i> , <b>2010</b> , 1, 1677	4.9	81
74	Effect of the Porous Microstructures of Poly(lactic-co-glycolic acid)/Carbon Nanotube Composites on the Growth of Fibroblast Cells. <i>Soft Materials</i> , <b>2010</b> , 8, 239-253	1.7	35
73	Influence of dendrimer surface charge on the bioactivity of 2-methoxyestradiol complexed with dendrimers. <i>Soft Matter</i> , <b>2010</b> , 6, 2539-2545	3.6	81
72	Dendrimer-based organic/inorganic hybrid nanoparticles in biomedical applications. <i>Nanoscale</i> , <b>2010</b> , 2, 1596-610	7.7	154
71	Hydroxylated Dendrimer-Stabilized Gold and Silver Nanoparticles: Spontaneous Formation, Characterization, and Surface Properties. <i>Current Nanoscience</i> , <b>2010</b> , 6, 307-314	1.4	24
70	Fabrication of multiwalled carbon nanotube-reinforced electrospun polymer nanofibers containing zero-valent iron nanoparticles for environmental applications. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 5700		104
69	Silica-Coated Manganese Oxide Nanoparticles as a Platform for Targeted Magnetic Resonance and Fluorescence Imaging of Cancer Cells. <i>Advanced Functional Materials</i> , <b>2010</b> , 20, 1733-1741	15.6	186
68	Fabrication of water-stable electrospun polyacrylic acid-based nanofibrous mats for removal of copper (II) ions in aqueous solution. <i>Journal of Applied Polymer Science</i> , <b>2010</b> , 116, NA-NA	2.9	9
67	Water-soluble superparamagnetic manganese ferrite nanoparticles for magnetic resonance imaging. <i>Biomaterials</i> , <b>2010</b> , 31, 3667-73	15.6	215
66	N/Zr-codoped TiO <sub>2</sub> nanotube arrays: Fabrication, characterization, and enhanced photocatalytic activity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2010</b> , 363, 35-40	5.1	54
65	Development of a remanence measurement-based SQUID system with in-depth resolution for nanoparticle imaging. <i>Physics in Medicine and Biology</i> , <b>2009</b> , 54, N177-88	3.8	20
64	Effect of Processing Variables on the Morphology of Electrospun Poly[(lactic acid)-co-(glycolic acid)] Nanofibers. <i>Macromolecular Materials and Engineering</i> , <b>2009</b> , 294, 666-672	3.9	72
63	Therapeutic efficacy of 2-methoxyestradiol microcrystals encapsulated within polyelectrolyte multilayers. <i>Macromolecular Bioscience</i> , <b>2009</b> , 9, 429-36	5.5	16
62	Comparison of the internalization of targeted dendrimers and dendrimer-entrapped gold nanoparticles into cancer cells. <i>Biopolymers</i> , <b>2009</b> , 91, 936-42	2.2	46
61	Multifunctional dendrimer-modified multiwalled carbon nanotubes: synthesis, characterization, and in vitro cancer cell targeting and imaging. <i>Biomacromolecules</i> , <b>2009</b> , 10, 1744-50	6.9	135
60	Immobilization of Zerovalent Iron Nanoparticles into Electrospun Polymer Nanofibers: Synthesis, Characterization, and Potential Environmental Applications. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 18062-18068	3.8	115
59	The role of ganglioside GM1 in cellular internalization mechanisms of poly(amidoamine) dendrimers. <i>Bioconjugate Chemistry</i> , <b>2009</b> , 20, 1503-13	6.3	61

58	Polyelectrolyte multilayer-assisted immobilization of zero-valent iron nanoparticles onto polymer nanofibers for potential environmental applications. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2009</b> , 1, 2848-55	9.5	69
57	Polyethyleneimine-Mediated Functionalization of Multiwalled Carbon Nanotubes: Synthesis, Characterization, and In Vitro Toxicity Assay. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 3150-3156	3.8	118
56	Targeting and detecting cancer cells using spontaneously formed multifunctional dendrimer-stabilized gold nanoparticles. <i>Analyst, The</i> , <b>2009</b> , 134, 1373-9	5	77
55	Enhanced specificity and efficiency of polymerase chain reactions using poly(amidoamine) dendrimers and derivatives. <i>Analyst, The</i> , <b>2009</b> , 134, 87-92	5	27
54	A Facile Hydrothermal Synthesis of Iron Oxide Nanoparticles with Tunable Magnetic Properties. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 13593-13599	3.8	215
53	Polyelectrolyte multilayer film-assisted formation of zero-valent iron nanoparticles onto polymer nanofibrous mats. <i>Journal of Physics: Conference Series</i> , <b>2009</b> , 188, 012015	0.3	4
52	Spontaneous Formation of Functionalized Dendrimer-Stabilized Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 112, 8251-8258	3.8	105
51	Tunable synthesis and immobilization of zero-valent iron nanoparticles for environmental applications. <i>Environmental Science &amp; Technology</i> , <b>2008</b> , 42, 8884-9	10.3	79
50	Tumor microvasculature targeting with dendrimer-entrapped gold nanoparticles. <i>Soft Matter</i> , <b>2008</b> , 4, 2160-2163	3.6	58
49	Acetylation of dendrimer-entrapped gold and silver nanoparticles. <i>Journal of Materials Chemistry</i> , <b>2008</b> , 18, 586-593		81
48	Synthesis, characterization and stability of a luteinizing hormone-releasing hormone (LHRH)-functionalized poly(amidoamine) dendrimer conjugate. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2008</b> , 19, 131-42	3.5	26
47	CE of poly(amidoamine) succinamic acid dendrimers using a poly(vinyl alcohol)-coated capillary. <i>Electrophoresis</i> , <b>2008</b> , 29, 510-5	3.6	11
46	Dendrimer-Functionalized Shell-crosslinked Iron Oxide Nanoparticles for In-Vivo Magnetic Resonance Imaging of Tumors. <i>Advanced Materials</i> , <b>2008</b> , 20, 1671-1678	24	258
45	Synthesis, characterization, and intracellular uptake of carboxyl-terminated poly(amidoamine) dendrimer-stabilized iron oxide nanoparticles. <i>Physical Chemistry Chemical Physics</i> , <b>2007</b> , 9, 5712-20	3.6	149
44	Multifunctional Poly(amidoamine) Dendrimer-Taxol Conjugates: Synthesis, Characterization and Stability. <i>Journal of Computational and Theoretical Nanoscience</i> , <b>2007</b> , 4, 1179-1187	0.3	24
43	Dendrimer-Functionalized Iron Oxide Nanoparticles for Specific Targeting and Imaging of Cancer Cells. <i>Advanced Functional Materials</i> , <b>2007</b> , 17, 3043-3050	15.6	170
42	Dendrimer-entrapped gold nanoparticles as a platform for cancer-cell targeting and imaging. <i>Small</i> , <b>2007</b> , 3, 1245-52	11	291
41	Improved biocompatibility of surface functionalized dendrimer-entrapped gold nanoparticles. <i>Soft Matter</i> , <b>2006</b> , 3, 71-74	3.6	125

40	Electrophoretic mobility and molecular distribution studies of poly(amidoamine) dendrimers of defined charges. <i>Electrophoresis</i> , <b>2006</b> , 27, 1758-67	3.6	54
39	Synthesis, characterization, and manipulation of dendrimer-stabilized iron sulfide nanoparticles. <i>Nanotechnology</i> , <b>2006</b> , 17, 4554-4560	3.4	56
38	Encapsulation of submicrometer-sized 2-methoxyestradiol crystals into polymer multilayer capsules for biological applications. <i>Molecular Pharmaceutics</i> , <b>2006</b> , 3, 144-51	5.6	19
37	HPLC analysis of functionalized poly(amidoamine) dendrimers and the interaction between a folate-dendrimer conjugate and folate binding protein. <i>Analyst, The</i> , <b>2006</b> , 131, 842-8	5	40
36	Molecular heterogeneity analysis of poly(amidoamine) dendrimer-based mono- and multifunctional nanodevices by capillary electrophoresis. <i>Analyst, The</i> , <b>2006</b> , 131, 374-81	5	56
35	Characterization of crystalline dendrimer-stabilized gold nanoparticles. <i>Nanotechnology</i> , <b>2006</b> , 17, 1072-1078	3.1	106
34	Comprehensive characterization of surface-functionalized poly(amidoamine) dendrimers with acetamide, hydroxyl, and carboxyl groups. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2006</b> , 272, 139-150	5.1	76
33	Capillary electrophoresis of poly(amidoamine) dendrimers: from simple derivatives to complex multifunctional medical nanodevices. <i>Molecular Pharmaceutics</i> , <b>2005</b> , 2, 278-94	5.6	50
32	Silver/dendrimer nanocomposites as biomarkers: fabrication, characterization, in vitro toxicity, and intracellular detection. <i>Nano Letters</i> , <b>2005</b> , 5, 2123-30	11.5	221
31	HPLC separation of different generations of poly(amidoamine) dendrimers modified with various terminal groups. <i>Analytical Chemistry</i> , <b>2005</b> , 77, 2063-70	7.8	64
30	Generational, skeletal and substitutional diversities in generation one poly(amidoamine) dendrimers. <i>Polymer</i> , <b>2005</b> , 46, 3022-3034	3.9	51
29	Capillary electrophoresis of polycationic poly(amidoamine) dendrimers. <i>Electrophoresis</i> , <b>2005</b> , 26, 2949-506	3.6	40
28	Analysis of poly(amidoamine)-succinamic acid dendrimers by slab-gel electrophoresis and capillary zone electrophoresis. <i>Electrophoresis</i> , <b>2005</b> , 26, 2960-7	3.6	53
27	Polyelectrolyte-mediated assembly of copper-phthalocyanine tetrasulfonate multilayers and the subsequent production of nanoparticulate copper oxide thin films. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2004</b> , 4, 628-34	1.3	7
26	Labeling Cells with Silver/Dendrimer Nanocomposites. <i>Materials Research Society Symposia Proceedings</i> , <b>2004</b> , 845, 187		
25	Characterization of Dendrimer-Gold Nanocomposite Materials. <i>Materials Research Society Symposia Proceedings</i> , <b>2004</b> , 847, 204		
24	Dendritic chelating agents. 1. Cu(II) binding to ethylene diamine core poly(amidoamine) dendrimers in aqueous solutions. <i>Langmuir</i> , <b>2004</b> , 20, 2640-51	4	187
23	Polyelectrolyte multilayer nanoreactors toward the synthesis of diverse nanostructured materials. <i>Progress in Polymer Science</i> , <b>2004</b> , 29, 987-1019	29.6	190

22	Interaction of poly(amidoamine) dendrimers with supported lipid bilayers and cells: hole formation and the relation to transport. <i>Bioconjugate Chemistry</i> , <b>2004</b> , 15, 774-82	6.3	508
21	Formation of Uniform Polyaniline Thin Shells and Hollow Capsules Using Polyelectrolyte-Coated Microspheres as Templates. <i>Macromolecules</i> , <b>2003</b> , 36, 4093-4098	5.5	105
20	Polyelectrolyte Hollow Sphere Lithographic Patterning of Surfaces: Construction of 2-Dimensional Well-Ordered Metal Arrays. <i>Nano Letters</i> , <b>2002</b> , 2, 97-100	11.5	32
19	Polyelectrolyte-Coated Nanosphere Lithographic Patterning of Surfaces: Fabrication and Characterization of Electropolymerized Thin Polyaniline Honeycomb Films. <i>Journal of Physical Chemistry B</i> , <b>2002</b> , 106, 6465-6472	3.4	54
18	Electrostatic Interactions between Polyelectrolytes and a Titania Precursor: Thin Film and Solution Studies. <i>Langmuir</i> , <b>2002</b> , 18, 904-910	4	63
17	Structural Characterization of Multilayered DNA and Polylysine Composite Films: Influence of Ionic Strength of DNA Solutions on the Extent of DNA Incorporation. <i>Journal of Physical Chemistry B</i> , <b>2002</b> , 106, 1173-1180	3.4	52
16	Formation of Cobalt Oxide Nanotubes: Effect of Intermolecular Hydrogen Bonding between Co(III) Complex Precursors Incorporated onto Colloidal Templates. <i>Nano Letters</i> , <b>2002</b> , 2, 289-293	11.5	76
15	Synthesis of Cobalt Oxide Nanotubes from Colloidal Particles Modified with a Co(III) Cysteinate Precursor. <i>Chemistry of Materials</i> , <b>2002</b> , 14, 1897-1902	9.6	54
14	The aggregation behavior of collagen in aqueous solution and its property of stabilizing liposomes in vitro. <i>Biomaterials</i> , <b>2001</b> , 22, 1627-34	15.6	32
13	Release Behavior of Thin-Walled Microcapsules Composed of Polyelectrolyte Multilayers. <i>Langmuir</i> , <b>2001</b> , 17, 2036-2042	4	101
12	High activity enzyme microcrystal multilayer films. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 8121-2	16.4	67
11	The aggregation and phase separation behavior of a hydrophobically modified poly(N-isopropylacrylamide). <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2000</b> , 175, 41-49	5.1	19
10	Hyperpolarisability of (donor) <sup>2</sup> -acceptor-type molecules determined by EFISHG. <i>Advanced Materials for Optics and Electronics</i> , <b>1996</b> , 6, 233-238		24
9	Engineered cancer cell membranes: An emerging agent for efficient cancer theranostics. <i>Exploration</i> , 20210171		6
8	Tumor-Anchoring Drug-Loaded Fibrous Microspheres for MR Imaging-Guided Local Chemotherapy and Metastasis Inhibition. <i>Advanced Fiber Materials</i> , 1	10.9	3
7	Dendrimer Conjugates for Cancer Treatment 103-171		2
6	Dendrimer-Entrapped and Dendrimer-Stabilized Metal Nanoparticles for Biomedical Applications 355-392		2
5	Gold nanostar-based complexes applied for cancer theranostics. <i>View</i> , 20200171	7.8	2

4	Hybrid nano- and microgels doped with photoacoustic contrast agents for cancer theranostics. <i>View</i> ,20200176	7.8	2
3	Dendrimer-Based Medical Nanodevices for Magnetic Resonance Imaging Applications463-478		4
2	Dendrimer-Related Nanoparticle System for Computed Tomography Imaging479-500		4
1	Engineered phosphorus dendrimers as powerful non-viral nanoplatforms for gene delivery: a great hope for the future of cancer therapeutics. <i>Exploration of Targeted Anti-tumor Therapy</i> ,50-61	2.5	0