

# Fujian Xu

## List of Publications by Year in descending order

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190  
papers

10,115  
citations

26567

56  
h-index

45213

90  
g-index

193  
all docs

193  
docs citations

193  
times ranked

10154  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifunctional antimicrobial materials: From rational design to biomedical applications. <i>Progress in Materials Science</i> , 2022, 125, 100887.	16.0	108
2	Cascade-responsive nano-assembly for efficient photothermal-chemo synergistic inhibition of tumor metastasis by targeting cancer stem cells. <i>Biomaterials</i> , 2022, 280, 121305.	5.7	28
3	Establishment of the glioma polyploid giant cancer cell model by a modified PHA-DMSO-PEG fusion method following dual drug-fluorescence screening in vitro. <i>Journal of Neuroscience Methods</i> , 2022, 368, 109462.	1.3	2
4	A natural polysaccharide-based antibacterial functionalization strategy for liquid and air filtration membranes. <i>Journal of Materials Chemistry B</i> , 2022, 10, 2471-2480.	2.9	9
5	Polyaminoglycoside-mediated cell reprogramming system for the treatment of diabetes mellitus. <i>Journal of Controlled Release</i> , 2022, 343, 420-433.	4.8	5
6	Orchestrated Yolk-Shell Nanohybrids Regulate Macrophage Polarization and Dendritic Cell Maturation for Oncotherapy with Augmented Antitumor Immunity. <i>Advanced Materials</i> , 2022, 34, e2108263.	11.1	53
7	Heparinized anticoagulant coatings based on polyphenol-amine inspired chemistry for blood-contacting catheters. <i>Journal of Materials Chemistry B</i> , 2022, 10, 1795-1804.	2.9	5
8	A hydrophobic cationic polyphenol coating for versatile antibacterial and hemostatic devices. <i>Chemical Engineering Journal</i> , 2022, 444, 135426.	6.6	15
9	Controllable Disulfide Exchange Polymerization of Polyguanidine for Effective Biomedical Applications by Thiol-Mediated Uptake. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	25
10	NIR-responsive polydopamine-based calcium carbonate hybrid nanoparticles delivering artesunate for cancer chemo-photothermal therapy. <i>Acta Biomaterialia</i> , 2022, 145, 135-145.	4.1	18
11	Controllable Disulfide Exchange Polymerization of Polyguanidine for Effective Biomedical Applications by Thiol-Mediated Uptake. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	1
12	Bacteria-Targeting Photodynamic Nanoassemblies for Efficient Treatment of Multidrug-Resistant Biofilm Infected Keratitis. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	36
13	Two-dimensional copper metal-organic frameworks as antibacterial agents for biofilm treatment. <i>Science China Technological Sciences</i> , 2022, 65, 1052-1058.	2.0	11
14	pH-Responsive hyaluronic acid-cloaked polycation/gold nanohybrids for tumor-targeted synergistic photothermal/gene therapy. <i>Biomaterials Science</i> , 2022, 10, 2618-2627.	2.6	11
15	Rattle-Structured Rough Nanocapsules with In Situ-Formed Gold Nanorod Cores for Complementary Gene/Chemo/Photothermal Therapy. <i>Biomaterial Engineering</i> , 2022, , 417-436.	0.1	0
16	Flexible electrostatic hydrogels from marine organism for nitric oxide-enhanced photodynamic therapy against multidrug-resistant bacterial infection. <i>Science China Materials</i> , 2022, 65, 2850-2860.	3.5	5
17	Biomedical polymers: synthesis, properties, and applications. <i>Science China Chemistry</i> , 2022, 65, 1010-1075.	4.2	85
18	Inhalable responsive polysaccharide-based antibiotic delivery nanoparticles to overcome mucus barrier for lung infection treatment. <i>Nano Today</i> , 2022, 44, 101489.	6.2	11

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19	Supramolecular Hydrogel Based on Pseudopolyrotaxane Aggregation for Bacterial Microenvironment-Responsive Antibiotic Delivery. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	1.7	4
20	Glycosaminoglycan-Based Hydrogel Delivery System Regulates the Wound Microenvironment to Rescue Chronic Wound Healing. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 31737-31750.	4.0	39
21	Intestinal Gastrin/CCKBR (Cholecystokinin B Receptor) Ameliorates Salt-Sensitive Hypertension by Inhibiting Intestinal Na <sup>+</sup> /H <sup>+</sup> Exchanger 3 Activity Through a PKC (Protein) Tj ETQq1 1 0iZ34314 rgBT /Ove		
22	Polysaccharide-Peptide Conjugates: A Versatile Material Platform for Biomedical Applications. <i>Advanced Functional Materials</i> , 2021, 31, 2005978.	7.8	61
23	Engineering Platelet-Rich Plasma Based Dual-Network Hydrogel as a Bioactive Wound Dressing with Potential Clinical Translational Value. <i>Advanced Functional Materials</i> , 2021, 31, 2009258.	7.8	111
24	Bulk Modification of Thermoplastic Polyurethanes for Self-Sterilization of Trachea Intubation. <i>Macromolecular Bioscience</i> , 2021, 21, e2000318.	2.1	9
25	Versatile Types of Cyclodextrin-Based Nucleic Acid Delivery Systems. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001183.	3.9	13
26	More than skin deep: using polymers to facilitate topical delivery of nitric oxide. <i>Biomaterials Science</i> , 2021, 9, 391-405.	2.6	19
27	Phenylboronic acid-functionalized polyaminoglycoside as an effective CRISPR/Cas9 delivery system. <i>Biomaterials Science</i> , 2021, 9, 7104-7114.	2.6	12
28	Reversible Treatment of Pressure Overload-Induced Left Ventricular Hypertrophy through <i>Drd5</i> Nucleic Acid Delivery Mediated by Functional Polyaminoglycoside. <i>Advanced Science</i> , 2021, 8, 2003706.	5.6	15
29	An overview of chitosan and its application in infectious diseases. <i>Drug Delivery and Translational Research</i> , 2021, 11, 1340-1351.	3.0	45
30	Antibacterial plasticizers based on bio-based engineering elastomers for medical PVC: synthesis, characterization and properties. <i>Polymer Chemistry</i> , 2021, 12, 1114-1124.	1.9	10
31	Bioswitchable Antibacterial Coatings Enable Self-Sterilization of Implantable Healthcare Dressings. <i>Advanced Functional Materials</i> , 2021, 31, 2011165.	7.8	36
32	Controlled Synthesis and Surface Engineering of Janus Chitosan-Gold Nanoparticles for Photoacoustic Imaging-Guided Synergistic Gene/Photothermal Therapy. <i>Small</i> , 2021, 17, e2006004.	5.2	87
33	Rough Carbon-Iron Oxide Nanohybrids for Near-Infrared-II Light-Responsive Synergistic Antibacterial Therapy. <i>ACS Nano</i> , 2021, 15, 7482-7490.	7.3	218
34	In Situ Preparation of Mechanically Enhanced Hydrogel via Dispersion Polymerization in Aqueous Solution. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100028.	2.0	4
35	Charge-reversal nanocomplexes-based CRISPR/Cas9 delivery system for loss-of-function oncogene editing in hepatocellular carcinoma. <i>Journal of Controlled Release</i> , 2021, 333, 362-373.	4.8	16
36	Biofilm-Sensitive Photodynamic Nanoparticles for Enhanced Penetration and Antibacterial Efficiency. <i>Advanced Functional Materials</i> , 2021, 31, 2103591.	7.8	128

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37	Degradable one-dimensional dextran-iron oxide nanohybrids for MRI-guided synergistic gene/photothermal/magnetolytic therapy. <i>Nano Today</i> , 2021, 38, 101118.	6.2	43
38	Biomaterialized calcium carbonate nanohybrids for mild photothermal heating-enhanced gene therapy. <i>Biomaterials</i> , 2021, 274, 120885.	5.7	42
39	One nanosystem with potent antibacterial and gene-delivery performances accelerates infected wound healing. <i>Nano Today</i> , 2021, 39, 101224.	6.2	25
40	Natural Melanin/Alginate Hydrogels Achieve Cardiac Repair through ROS Scavenging and Macrophage Polarization. <i>Advanced Science</i> , 2021, 8, e2100505.	5.6	126
41	Wearable, Washable, and Highly Sensitive Piezoresistive Pressure Sensor Based on a 3D Sponge Network for Real-Time Monitoring Human Body Activities. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 46848-46857.	4.0	61
42	Chemiluminescence: From mechanism to applications in biological imaging and therapy. <i>Aggregate</i> , 2021, 2, e140.	5.2	42
43	Smart Polymeric Delivery System for Antitumor and Antimicrobial Photodynamic Therapy. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 783354.	2.0	7
44	Ultrafast discrimination of Gram-positive bacteria and highly efficient photodynamic antibacterial therapy using near-infrared photosensitizer with aggregation-induced emission characteristics. <i>Biomaterials</i> , 2020, 230, 119582.	5.7	91
45	Self-adaptive antibacterial surfaces with bacterium-triggered antifouling-bactericidal switching properties. <i>Biomaterials Science</i> , 2020, 8, 997-1006.	2.6	55
46	Functional Nanocomplexes with Vascular Endothelial Growth Factor A/C Isoforms Improve Collateral Circulation and Cardiac Function. <i>Small</i> , 2020, 16, 1905925.	5.2	12
47	Autocrine BMP4 Signaling Enhances Tumor Aggressiveness via Promoting Wnt/ $\beta$ -Catenin Signaling in IDH1-mutant Gliomas. <i>Translational Oncology</i> , 2020, 13, 125-134.	1.7	15
48	Gradient Functionalization of Various Quaternized Polyethylenimines on Microfluidic Chips for the Rapid Appraisal of Antibacterial Potencies. <i>Langmuir</i> , 2020, 36, 354-361.	1.6	10
49	Tunable Adhesion of Different Cell Types Modulated by Thermoresponsive Polymer Brush Thickness. <i>Biomacromolecules</i> , 2020, 21, 732-742.	2.6	15
50	Biomass-Derived Multilayer-Structured Microparticles for Accelerated Hemostasis and Bone Repair. <i>Advanced Science</i> , 2020, 7, 2002243.	5.6	54
51	A Lactose-Derived CRISPR/Cas9 Delivery System for Efficient Genome Editing In Vivo to Treat Orthotopic Hepatocellular Carcinoma. <i>Advanced Science</i> , 2020, 7, 2001424.	5.6	50
52	Flexible Photothermal Assemblies with Tunable Gold Patterns for Improved Imaging-Guided Synergistic Therapy. <i>Small</i> , 2020, 16, 2002790.	5.2	9
53	Molecular Sizes and Antibacterial Performance Relationships of Flexible Ionic Liquid Derivatives. <i>Journal of the American Chemical Society</i> , 2020, 142, 20257-20269.	6.6	128
54	Antitumor efficacy of oncolytic HSV-1 expressing cytosine deaminase is synergistically enhanced by DPD down-regulation and EMT inhibition in uveal melanoma xenograft. <i>Cancer Letters</i> , 2020, 495, 123-134.	3.2	8

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55	mir15a/mir16 cluster and its novel targeting molecules negatively regulate cardiac hypertrophy. <i>Clinical and Translational Medicine</i> , 2020, 10, e242.	1.7	8
56	Self-Assembled Herbal Medicine Encapsulated by an Oxidation-Sensitive Supramolecular Hydrogel for Chronic Wound Treatment. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 56898-56907.	4.0	77
57	Self-assembled organic/metal ion nano hybrids for theranostics. <i>View</i> , 2020, 1, e17.	2.7	27
58	Organic/inorganic nanocomposites for cancer immunotherapy. <i>Materials Chemistry Frontiers</i> , 2020, 4, 2571-2609.	3.2	38
59	Degradable branched polycationic systems for nucleic acid delivery. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2020, 12, e1631.	3.3	4
60	Self-assembly of oxidation-responsive polyethylene glycol-paclitaxel prodrug for cancer chemotherapy. <i>Journal of Controlled Release</i> , 2020, 321, 529-539.	4.8	55
61	Polycaprolactone/polysaccharide functional composites for low-temperature fused deposition modelling. <i>Bioactive Materials</i> , 2020, 5, 185-191.	8.6	28
62	Three-Pronged Attack by Homologous Far-Red/NIR AIEgens to Achieve 1+1+1>3 Synergistic Enhanced Photodynamic Therapy. <i>Angewandte Chemie</i> , 2020, 132, 9697-9703.	1.6	22
63	Three-Pronged Attack by Homologous Far-Red/NIR AIEgens to Achieve 1+1+1>3 Synergistic Enhanced Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9610-9616.	7.2	146
64	Polycationic-Carbon Nano hybrids with Superior Rough Hollow Morphology for the NIR-II Responsive Multimodal Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 11341-11352.	4.0	21
65	Rational design and latest advances of polysaccharide-based hydrogels for wound healing. <i>Biomaterials Science</i> , 2020, 8, 2084-2101.	2.6	245
66	Well-Defined Gold Nanorod/Polymer Hybrid Coating with Inherent Antifouling and Photothermal Bactericidal Properties for Treating an Infected Hernia. <i>ACS Nano</i> , 2020, 14, 2265-2275.	7.3	166
67	Genetically multimodal therapy mediated by one polysaccharides-based supramolecular nanosystem. <i>Biomaterials</i> , 2020, 248, 120031.	5.7	33
68	Photo-responsive supramolecular hyaluronic acid hydrogels for accelerated wound healing. <i>Journal of Controlled Release</i> , 2020, 323, 24-35.	4.8	128
69	Self-Assembled Nucleotide/Saccharide-Tethering Polycation-Based Nanoparticle for Targeted Tumor Therapy. , 2020, 2, 550-556.		7
70	The enhanced efficacy of herpes simplex virus by lentivirus mediated VP22 and cytosine deaminase gene therapy against glioma. <i>Brain Research</i> , 2020, 1743, 146898.	1.1	3
71	Assemblies of indocyanine green and chemotherapeutic drug to cure established tumors by synergistic chemo-photo therapy. <i>Journal of Controlled Release</i> , 2020, 324, 250-259.	4.8	38
72	Properties of Electropolymerized Dopamine and Its Analogues. <i>Langmuir</i> , 2019, 35, 1119-1125.	1.6	42

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73	A flexible bowl-shaped magnetic assembly for multifunctional gene delivery systems. <i>Nanoscale</i> , 2019, 11, 16463-16475.	2.8	16
74	Multifunctional cationic nanosystems for nucleic acid therapy of thoracic aortic dissection. <i>Nature Communications</i> , 2019, 10, 3184.	5.8	36
75	Reduction-Responsive Nucleic Acid Delivery Systems To Prevent In-Stent Restenosis in Rabbits. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 28307-28316.	4.0	19
76	Antimicrobial Peptide-Conjugated Hierarchical Antifouling Polymer Brushes for Functionalized Catheter Surfaces. <i>Biomacromolecules</i> , 2019, 20, 4171-4179.	2.6	101
77	Oxidation-Responsive Nanoassemblies for Light-Enhanced Gene Therapy. <i>Small</i> , 2019, 15, e1904017.	5.2	23
78	pH-Responsive Degradable Dextran-Quantum Dot Nanohybrids for Enhanced Gene Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 34707-34716.	4.0	30
79	Polysaccharides-based nanohybrids: Promising candidates for biomedical materials. <i>Science China Materials</i> , 2019, 62, 1831-1836.	3.5	11
80	Dual-Functional Implants with Antibacterial and Osteointegration-Promoting Performances. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 36449-36457.	4.0	43
81	Evaluation of Structure-Function Relationships of Aggregation-Induced Emission Luminogens for Simultaneous Dual Applications of Specific Discrimination and Efficient Photodynamic Killing of Gram-Positive Bacteria. <i>Journal of the American Chemical Society</i> , 2019, 141, 16781-16789.	6.6	295
82	Peptide-grafted dextran vectors for efficient and high-loading gene delivery. <i>Biomaterials Science</i> , 2019, 7, 1543-1553.	2.6	23
83	Facile Surface Multi-Functionalization of Biomedical Catheters with Dual-Microcrystalline Broad-Spectrum Antibacterial Drugs and Antifouling Poly(ethylene glycol) for Effective Inhibition of Bacterial Infections. <i>ACS Applied Bio Materials</i> , 2019, 2, 1348-1356.	2.3	29
84	Phthalocyanine functionalized poly(glycidyl methacrylate) nano-assemblies for photodynamic inactivation of bacteria. <i>Biomaterials Science</i> , 2019, 7, 1905-1918.	2.6	40
85	A Hybrid Nanovector of Suicide Gene Engineered Lentivirus Coated with Bioreducible Polyaminoglycosides for Enhancing Therapeutic Efficacy against Glioma. <i>Advanced Functional Materials</i> , 2019, 29, 1807104.	7.8	16
86	A highly efficient and AIE-active theranostic agent from natural herbs. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1454-1461.	3.2	82
87	Silica-Coated Gold-Silver Nanocages as Photothermal Antibacterial Agents for Combined Anti-Infective Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 17177-17183.	4.0	126
88	CRISPR/Cas9 Delivery Mediated with Hydroxyl-Rich Nanosystems for Gene Editing in Aorta. <i>Advanced Science</i> , 2019, 6, 1900386.	5.6	23
89	Self-Adaptive Antibacterial Porous Implants with Sustainable Responses for Infected Bone Defect Therapy. <i>Advanced Functional Materials</i> , 2019, 29, 1807915.	7.8	82
90	Organic/inorganic nanohybrids as multifunctional gene delivery systems. <i>Journal of Gene Medicine</i> , 2019, 21, e3084.	1.4	29

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91	Biodegradable Antibacterial Polymeric Nanosystems: A New Hope to Cope with Multidrug-Resistant Bacteria. <i>Small</i> , 2019, 15, e1900999.	5.2	135
92	Effective Delivery of Hypertrophic miRNA Inhibitor by Cholesterol-Containing Nanocarriers for Preventing Pressure Overload Induced Cardiac Hypertrophy. <i>Advanced Science</i> , 2019, 6, 1900023.	5.6	30
93	Biomimetic Dextran-Peptide Vectors for Efficient and Safe siRNA Delivery. <i>ACS Applied Bio Materials</i> , 2019, 2, 1456-1463.	2.3	8
94	Versatile Types of Organic/Inorganic Nanohybrids: From Strategic Design to Biomedical Applications. <i>Chemical Reviews</i> , 2019, 119, 1666-1762.	23.0	299
95	Multifunctional Delivery Nanosystems Formed by Degradable Antibacterial Poly(Aspartic Acid) Derivatives for Infected Skin Defect Therapy. <i>Advanced Healthcare Materials</i> , 2019, 8, e1800889.	3.9	20
96	Material solutions for delivery of CRISPR/Cas-based genome editing tools: Current status and future outlook. <i>Materials Today</i> , 2019, 26, 40-66.	8.3	89
97	Cationic Polymer-Mediated CRISPR/Cas9 Plasmid Delivery for Genome Editing. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800068.	2.0	72
98	Significant Enhancement of Photothermal and Photoacoustic Efficiencies for Semiconducting Polymer Nanoparticles through Simply Molecular Engineering. <i>Advanced Functional Materials</i> , 2018, 28, 1800135.	7.8	68
99	High-performance cationic polyrotaxanes terminated with polypeptides as promising nucleic acid delivery systems. <i>Polymer Chemistry</i> , 2018, 9, 2281-2289.	1.9	17
100	Ionic Conductivity of Polyelectrolyte Hydrogels. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 5845-5852.	4.0	144
101	Polycationic Synergistic Antibacterial Agents with Multiple Functional Components for Efficient Anti-Infective Therapy. <i>Advanced Functional Materials</i> , 2018, 28, 1706709.	7.8	193
102	Series of In Situ Photoinduced Polymer Graftings for Sensitive Detection of Protein Biomarkers via Cascade Amplification of Liquid Crystal Signals. <i>Biomacromolecules</i> , 2018, 19, 1959-1965.	2.6	6
103	Highly sensitive and stable zwitterionic poly(sulfobetaine-3,4-ethylenedioxythiophene) (PSBEDOT) glucose biosensor. <i>Chemical Science</i> , 2018, 9, 2540-2546.	3.7	53
104	Rodlike Supramolecular Nanoassemblies of Degradable Poly(Aspartic Acid) Derivatives and Hydroxyl-Rich Polycations for Effective Delivery of Versatile Tumor-Suppressive ncRNAs. <i>Small</i> , 2018, 14, 1703152.	5.2	23
105	Flexible Cationic Nanoparticles with Photosensitizer Cores for Multifunctional Biomedical Applications. <i>Small</i> , 2018, 14, e1800201.	5.2	20
106	Antimicrobial and Antifouling Polymeric Agents for Surface Functionalization of Medical Implants. <i>Biomacromolecules</i> , 2018, 19, 2805-2811.	2.6	89
107	Calcium carbonate-methylene blue nanohybrids for photodynamic therapy and ultrasound imaging. <i>Science China Life Sciences</i> , 2018, 61, 483-491.	2.3	23
108	Multifunctional hybrids with versatile types of nanoparticles via self-assembly for complementary tumor therapy. <i>Nanoscale</i> , 2018, 10, 7649-7657.	2.8	18

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109	Hemostatic porous sponges of cross-linked hyaluronic acid/cationized dextran by one self-foaming process. <i>Materials Science and Engineering C</i> , 2018, 83, 160-168.	3.8	86
110	Versatile types of hydroxyl-rich polycationic systems via O-heterocyclic ring-opening reactions: From strategic design to nucleic acid delivery applications. <i>Progress in Polymer Science</i> , 2018, 78, 56-91.	11.8	57
111	Rational Design of Peptide-Functionalized Poly(Methacrylic Acid) Brushes for On-Chip Detection of Protease Biomarkers. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 2018-2025.	2.6	18
112	Fluorinated Acid-Labile Branched Hydroxyl-Rich Nanosystems for Flexible and Robust Delivery of Plasmids. <i>Small</i> , 2018, 14, e1803061.	5.2	61
113	Zwitterionic Polyurethanes with Tunable Surface and Bulk Properties. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 37609-37617.	4.0	37
114	Identification of type IV collagen exposure as a molecular imaging target for early detection of thoracic aortic dissection. <i>Theranostics</i> , 2018, 8, 437-449.	4.6	26
115	Overexpression of STAT1 suppresses angiogenesis under hypoxia by regulating VEGF- $\beta$ in human glioma cells. <i>Biomedicine and Pharmacotherapy</i> , 2018, 104, 566-575.	2.5	27
116	Dual-Crosslinked Amorphous Polysaccharide Hydrogels Based on Chitosan/Alginate for Wound Healing Applications. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800069.	2.0	111
117	Versatile Antibacterial Materials: An Emerging Arsenal for Combatting Bacterial Pathogens. <i>Advanced Functional Materials</i> , 2018, 28, 1802140.	7.8	372
118	Rattle-Structured Rough Nanocapsules with <i>in-Situ</i> -Formed Gold Nanorod Cores for Complementary Gene/Chemo/Photothermal Therapy. <i>ACS Nano</i> , 2018, 12, 5646-5656.	7.3	166
119	Self-destructible polysaccharide nanocomposites with unlockable Au nanorods for high-performance photothermal therapy. <i>NPG Asia Materials</i> , 2018, 10, 509-521.	3.8	31
120	Unlockable Nanocomplexes with Self-Accelerating Nucleic Acid Release for Effective Staged Gene Therapy of Cardiovascular Diseases. <i>Advanced Materials</i> , 2018, 30, e1801570.	11.1	89
121	Redox-Responsive and Drug-Embedded Silica Nanoparticles with Unique Self-Destruction Features for Efficient Gene/Drug Codelivery. <i>Advanced Functional Materials</i> , 2017, 27, 1606229.	7.8	128
122	Versatile Functionalization of Polysaccharides via Polymer Grafts: From Design to Biomedical Applications. <i>Accounts of Chemical Research</i> , 2017, 50, 281-292.	7.6	132
123	MicroRNA-mediated silence of onco-lncRNA MALAT1 in different ESCC cells via ligand-functionalized hydroxyl-rich nanovectors. <i>Nanoscale</i> , 2017, 9, 2521-2530.	2.8	23
124	Ferritin heavy chain as a molecular imaging reporter gene in glioma xenografts. <i>Journal of Cancer Research and Clinical Oncology</i> , 2017, 143, 941-951.	1.2	9
125	Hollow Nanostars with Photothermal Gold Caps and Their Controlled Surface Functionalization for Complementary Therapies. <i>Advanced Functional Materials</i> , 2017, 27, 1700256.	7.8	26
126	Ran binding protein 9 (RanBPM) binds IFN- $\beta$ 1 in the IFN- $\beta$ signaling pathway. <i>Science China Life Sciences</i> , 2017, 60, 1030-1039.	2.3	4



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127	Multifunctional hetero-nanostructures of hydroxyl-rich polycation wrapped cellulose-gold hybrids for combined cancer therapy. <i>Journal of Controlled Release</i> , 2017, 255, 154-163.	4.8	45
128	Multifunctional polycationic photosensitizer conjugates with rich hydroxyl groups for versatile water-soluble photodynamic therapy nanoplatforms. <i>Biomaterials</i> , 2017, 117, 77-91.	5.7	88
129	NIR-Responsive Polycationic Gatekeeper-Cloaked Hetero-Nanoparticles for Multimodal Imaging-Guided Triple-Combination Therapy of Cancer. <i>Small</i> , 2017, 13, 1603133.	5.2	102
130	Versatile Functionalization of Poly(methacrylic acid) Brushes with Series of Proteolytically Cleavable Peptides for Highly Sensitive Protease Assay. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 127-135.	4.0	24
131	CD133 positive U87 glioblastoma cells-derived exosomal microRNAs in hypoxia- versus normoxia-microenvironment. <i>Journal of Neuro-Oncology</i> , 2017, 135, 37-46.	1.4	25
132	Hydroxyl-Rich Polycation Brushed Multifunctional Rare-Earth-Gold Core-Shell Nanorods for Versatile Therapy Platforms. <i>Advanced Functional Materials</i> , 2017, 27, 1701255.	7.8	55
133	Hierarchical Nanohybrids of Gold Nanorods and PGMA-Based Polycations for Multifunctional Theranostics. <i>Advanced Functional Materials</i> , 2016, 26, 5848-5861.	7.8	58
134	Multifunctional pDNA-Conjugated Polycationic Au Nanorod-Coated Fe <sub>3</sub> O <sub>4</sub> Hierarchical Nanocomposites for Trimodal Imaging and Combined Photothermal/ Gene Therapy. <i>Small</i> , 2016, 12, 2459-2468.	5.2	61
135	PGMA-based gene carriers with lipid molecules. <i>Biomaterials Science</i> , 2016, 4, 1233-1243.	2.6	17
136	PGMA-based supramolecular hyperbranched polycations for gene delivery. <i>Polymer Chemistry</i> , 2016, 7, 4334-4341.	1.9	45
137	Gold nanoparticle-conjugated heterogeneous polymer brush-wrapped cellulose nanocrystals prepared by combining different controllable polymerization techniques for theranostic applications. <i>Polymer Chemistry</i> , 2016, 7, 3107-3116.	1.9	62
138	Well-Defined Peapod-like Magnetic Nanoparticles and Their Controlled Modification for Effective Imaging Guided Gene Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 11298-11308.	4.0	46
139	Multiple types of hydroxyl-rich cationic derivatives of PGMA for broad-spectrum antibacterial and antifouling coatings. <i>Polymer Chemistry</i> , 2016, 7, 5709-5718.	1.9	56
140	Effective Codelivery of lncRNA and pDNA by Pullulan-Based Nanovectors for Promising Therapy of Hepatocellular Carcinoma. <i>Advanced Functional Materials</i> , 2016, 26, 7314-7325.	7.8	51
141	Inhibition of fatty acid synthase suppresses neovascularization via regulating the expression of VEGF-A in glioma. <i>Journal of Cancer Research and Clinical Oncology</i> , 2016, 142, 2447-2459.	1.2	24
142	Reduction-responsive multifunctional hyperbranched polyaminoglycosides with excellent antibacterial activity, biocompatibility and gene transfection capability. <i>Biomaterials</i> , 2016, 106, 134-143.	5.7	120
143	Functionalized PGMA nanoparticles with aggregation-induced emission characteristics for gene delivery systems. <i>Polymer Chemistry</i> , 2016, 7, 5630-5640.	1.9	12
144	A Facile Strategy to Prepare Hyperbranched Hydroxyl-Rich Polycations for Effective Gene Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 29334-29342.	4.0	22

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