

Jian Shen

List of Publications by Year in descending order

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475
papers

17,627
citations

17440

63
h-index

28297

105
g-index

489
all docs

489
docs citations

489
times ranked

20158
citing authors

#	ARTICLE	IF	CITATIONS
1	Zwitterionic-phosphonate block polymer as anti-fouling coating for biomedical metals. <i>Rare Metals</i> , 2022, 41, 700-712.	7.1	7
2	Silica-supported near-infrared carbon dots and bicarbonate nanoplatfrom for triple synergistic sterilization and wound healing promotion therapy. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 1308-1322.	9.4	21
3	Antibacterial fluorescent nano-sized lanthanum-doped carbon quantum dot embedded polyvinyl alcohol for accelerated wound healing. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 973-983.	9.4	28
4	<i>In situ</i> mineralized PLGA/zwitterionic hydrogel composite scaffold enables high-efficiency rhBMP-2 release for critical-sized bone healing. <i>Biomaterials Science</i> , 2022, 10, 781-793.	5.4	7
5	Dual enzyme-mimic nanozyme based on single-atom construction strategy for photothermal-augmented nanocatalytic therapy in the second near-infrared biowindow. <i>Biomaterials</i> , 2022, 281, 121325.	11.4	66
6	Decellularized scaffold-based poly(ethylene glycol) biomimetic vascular patches modified with polyelectrolyte multilayer of heparin and chitosan: preparation and vascular tissue engineering applications in a porcine model. <i>Journal of Materials Chemistry B</i> , 2022, 10, 1077-1084.	5.8	8
7	Self-templated construction of peanut-like P3-type $K_{0.45}Mn_{0.5}Co_{0.5}O_{2}$ for highly reversible potassium storage. <i>Journal of Materials Chemistry A</i> , 2022, 10, 554-560.	10.3	23
8	Nitric oxide-releasing polyurethane/ <i>S</i> -nitrosated keratin mats for accelerating wound healing. <i>International Journal of Energy Production and Management</i> , 2022, 9, rbac006.	3.7	15
9	A multifunctional carbon dot-based nanoplatfrom for bioimaging and quaternary ammonium salt/photothermal synergistic antibacterial therapy. <i>Journal of Materials Chemistry B</i> , 2022, 10, 2865-2874.	5.8	18
10	Zwitterionic/active ester block polymers as multifunctional coatings for polyurethane-based substrates. <i>Journal of Materials Chemistry B</i> , 2022, 10, 3687-3695.	5.8	4
11	A Dual Functional Drug Delivery System that Combines Photothermal Therapy and Immunotherapy to Treat Tumors. <i>Molecular Pharmaceutics</i> , 2022, 19, 1449-1457.	4.6	7
12	Manganese single-atom catalysts for catalytic-photothermal synergistic anti-infected therapy. <i>Chemical Engineering Journal</i> , 2022, 438, 135636.	12.7	18
13	Anti-MicroRNA-21 Oligonucleotide Loaded Spermine-Modified Acetalated Dextran Nanoparticles for B1 Receptor-Targeted Gene Therapy and Antiangiogenesis Therapy. <i>Advanced Science</i> , 2022, 9, e2103812.	11.2	18
14	Tertiary amines convert IO_2 to H_2O_2 with enhanced photodynamic antibacterial efficiency. <i>Journal of Hazardous Materials</i> , 2022, 435, 128948.	12.4	8
15	Hypericin nanoparticles for self-illuminated photodynamic cytotoxicity based on bioluminescence resonance energy transfer. <i>International Journal of Pharmaceutics</i> , 2022, 620, 121738.	5.2	4
16	Prussian Blue Nanozyme Promotes the Survival Rate of Skin Flaps by Maintaining a Normal Microenvironment. <i>ACS Nano</i> , 2022, 16, 9559-9571.	14.6	28
17	Synthesis of multicore-shell $FeS_2@C$ nanocapsules for stable potassium-ion batteries. <i>Journal of Energy Chemistry</i> , 2022, 73, 126-132.	12.9	43
18	Local photothermal/photodynamic synergistic antibacterial therapy based on two-dimensional BP@CQDs triggered by single NIR light source. <i>Photodiagnosis and Photodynamic Therapy</i> , 2022, 39, 102905.	2.6	8

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19	A Composite Nanomaterial with the Ability to Regulate Oxidative Stress and Anti-inflammatory for the Treatment of Osteoarthritis. <i>ChemistrySelect</i> , 2022, 7, .	1.5	1
20	Chitosan-Heparin Polyelectrolyte Multilayer-Modified Poly(vinyl alcohol) Vascular Patches based on a Decellularized Scaffold for Vascular Regeneration. <i>ACS Applied Bio Materials</i> , 2022, 5, 2928-2934.	4.6	7
21	An Optimally Designed Engineering Exosome-Reductive COF Integrated Nanoagent for Synergistically Enhanced Diabetic Fester Wound Healing. <i>Small</i> , 2022, 18, .	10.0	37
22	A review on properties and antibacterial applications of polymer-functionalized carbon dots. <i>Journal of Materials Science</i> , 2022, 57, 12752-12781.	3.7	6
23	Au-Cu Bimetallic Nanostructures for Photothermal Antibacterial and Wound Healing Promotion. <i>ACS Applied Nano Materials</i> , 2022, 5, 8621-8630.	5.0	13
24	Hydrogen sulfide releasing hydrogel for alleviating cardiac inflammation and protecting against myocardial ischemia-reperfusion injury. <i>Journal of Materials Chemistry B</i> , 2022, 10, 5344-5351.	5.8	10
25	Sublethal Effects of Emamectin Benzoate on Fall Armyworm, <i>Spodoptera frugiperda</i> (Lepidoptera: Tj ETQq1 1 0.784314 rgBT /Overlock	3.1	15
26	Three laws of design for biomedical micro/nanorobots. <i>Nano Today</i> , 2022, 45, 101560.	11.9	12
27	Biosafety, Functionalities, and Applications of Biomedical Micro/nanomotors. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13158-13176.	13.8	73
28	Insight into the effect of particle size distribution differences on the antibacterial activity of carbon dots. <i>Journal of Colloid and Interface Science</i> , 2021, 584, 505-519.	9.4	76
29	Biosafety, Functionalities, and Applications of Biomedical Micro/nanomotors. <i>Angewandte Chemie</i> , 2021, 133, 13266-13284.	2.0	8
30	Design and Investigation of Penetrating Mechanism of Octaarginine-Modified Alginate Nanoparticles for Improving Intestinal Insulin Delivery. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 268-279.	3.3	28
31	Rational design of phosphonate/quaternary amine block polymer as an high-efficiency antibacterial coating for metallic substrates. <i>Journal of Materials Science and Technology</i> , 2021, 62, 96-106.	10.7	29
32	Preparation of a three-dimensional modified graphene oxide via RAFT polymerization for reinforcing cement composites. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 610, 125925.	4.7	12
33	A new temperature-responsive controlled-release pesticide formulation - poly(N-isopropylacrylamide) modified graphene oxide as the nanocarrier for lambda-cyhalothrin delivery and their application in pesticide transportation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 612, 125987.	4.7	30
34	Nitric Oxide-Driven Nanomotor for Deep Tissue Penetration and Multidrug Resistance Reversal in Cancer Therapy. <i>Advanced Science</i> , 2021, 8, 2002525.	11.2	93
35	Removal of Ca ²⁺ and Mg ²⁺ from oilfield wastewater using reusable PEG/Fe ₃ O ₄ /GO-NH ₂ nanoadsorbents and its efficiency for oil recovery. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104653.	6.7	20
36	Wound healing acceleration by antibacterial biodegradable black phosphorus nanosheets loaded with cationic carbon dots. <i>Journal of Materials Science</i> , 2021, 56, 6411-6426.	3.7	27

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37	Synthesis and molecular dynamics simulation of CuS@GO@CS hydrogel for enhanced photothermal antibacterial effect. <i>New Journal of Chemistry</i> , 2021, 45, 6895-6903.	2.8	13
38	A pure molecular drug hydrogel for post-surgical cancer treatment. <i>Biomaterials</i> , 2021, 265, 120403.	11.4	28
39	Two dimensional BP@AuNP nanocomposites for photothermal/photodynamic therapy mediated wound disinfection and infected wound healing under a single light source. <i>New Journal of Chemistry</i> , 2021, 45, 18124-18130.	2.8	10
40	A reusable Fe ₃ O ₄ /GO-COOH nanoadsorbent for Ca ²⁺ and Cu ²⁺ removal from oilfield wastewater. <i>Chemical Engineering Research and Design</i> , 2021, 166, 248-258.	5.6	18
41	Tumor Microenvironment-Activatable Cyclic Cascade Reaction to Reinforce Multimodal Combination Therapy by Destroying the Extracellular Matrix. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 12960-12971.	8.0	33
42	Metal-Organic Framework (MOF)-Assisted Construction of Core-Shell Nanoflower-like CuO/CF@NiCoMn-OH for High-Performance Supercapacitor. <i>Energy & Fuels</i> , 2021, 35, 8387-8395.	5.1	35
43	Graphene Oxide as the Potential Vector of Hydrophobic Pesticides: Ultrahigh Pesticide Loading Capacity and Improved Antipest Activity. <i>ACS Agricultural Science and Technology</i> , 2021, 1, 182-191.	2.3	25
44	Keratin-tannic acid complex nanoparticles as pH/GSH dual responsive drug carriers for doxorubicin. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021, 32, 1125-1139.	3.5	10
45	Covalently construction of poly(hexamethylene biguanide) as high-efficiency antibacterial coating for silicone rubber. <i>Chemical Engineering Journal</i> , 2021, 412, 128707.	12.7	25
46	Near-infrared carbon dot-based platform for bioimaging and photothermal/photodynamic/quaternary ammonium triple synergistic sterilization triggered by single NIR light source. <i>Carbon</i> , 2021, 176, 126-138.	10.3	60
47	Anchoring Carbon-Coated CoSe Nanoparticles on Hollow Carbon Nanocapsules for Efficient Potassium Storage. <i>ACS Applied Energy Materials</i> , 2021, 4, 6356-6363.	5.1	11
48	A ZIF-8 Host for Dendrite-Free Zinc Anodes and N,O Dual-Doped Carbon Cathodes for High-Performance Zinc-Ion Hybrid Capacitors. <i>Chemistry - an Asian Journal</i> , 2021, 16, 2146-2153.	3.3	16
49	Facile Synthesis of the Cu, N-CDs@GO-CS Hydrogel with Enhanced Antibacterial Activity for Effective Treatment of Wound Infection. <i>Langmuir</i> , 2021, 37, 7928-7935.	3.5	24
50	Poly(hexamethylene biguanide) (PHMB) as high-efficiency antibacterial coating for titanium substrates. <i>Journal of Hazardous Materials</i> , 2021, 411, 125110.	12.4	33
51	Biodegradable Polymeric Nanoparticles Containing an Immune Checkpoint Inhibitor (aPDL1) to Locally Induce Immune Responses in the Central Nervous System. <i>Advanced Functional Materials</i> , 2021, 31, 2102274.	14.9	11
52	<sc>PDA</sc>@<sc>Ti₃C₂T_x</i> as a novel carrier for pesticide delivery and its application in plant protection: <sc>NIR</sc>-responsive controlled release and sustained antipest activity. <i>Pest Management Science</i> , 2021, 77, 4960-4970.	3.4	38
53	Detection of organophosphorus pesticides by nanogold/mercaptopmethamidophos multi-residue electrochemical biosensor. <i>Food Chemistry</i> , 2021, 354, 129511.	8.2	41
54	MXene (Ti ₃ C ₂) Based Pesticide Delivery System for Sustained Release and Enhanced Pest Control. <i>ACS Applied Bio Materials</i> , 2021, 4, 6912-6923.	4.6	38

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55	A new Ti-based IMAC nanohybrid with high hydrophilicity and enhanced absorption capacity for the selective enrichment of phosphopeptides. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1179, 122851.	2.3	6
56	Stepwise immobilization of keratin-dopamine conjugates and gold nanoparticles on PET sheets for potential vascular graft with the catalytic generation of nitric oxide. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 205, 111855.	5.0	15
57	A Novel Coumarin-based Fluorescent Probe with Aggregation Induced Emission for Detecting CN ⁺ and its Applications in Bioimaging. <i>Journal of Fluorescence</i> , 2021, 31, 1751-1758.	2.5	4
58	Light-Activated Biodegradable Covalent Organic Framework-Integrated Heterojunction for Photodynamic, Photothermal, and Gaseous Therapy of Chronic Wound Infection. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 42396-42410.	8.0	59
59	Nitric oxide-releasing poly(ϵ -caprolactone)/S-nitrosylated keratin biocomposite scaffolds for potential small-diameter vascular grafts. <i>International Journal of Biological Macromolecules</i> , 2021, 189, 516-527.	7.5	24
60	Antioxidant and multi-sensitive PNIPAAm/keratin double network gels for self-stripping wound dressing application. <i>Journal of Materials Chemistry B</i> , 2021, 9, 6212-6225.	5.8	24
61	Logistic regression analysis of contrast-enhanced ultrasound and conventional ultrasound of follicular thyroid carcinoma and follicular adenoma. <i>Gland Surgery</i> , 2021, 10, 2890-2900.	1.1	10
62	Neutrophil-mediated clinical nanodrug for treatment of residual tumor after focused ultrasound ablation. <i>Journal of Nanobiotechnology</i> , 2021, 19, 345.	9.1	10
63	Engineered Platelet-Based Micro/Nanomotors for Cancer Therapy. <i>Small</i> , 2021, 17, e2104912.	10.0	29
64	Poly(ϵ -caprolactone)/keratin/heparin/VEGF biocomposite mats for vascular tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 292-300.	4.0	27
65	Facile Synthesis Of Composition-Controllable PtPdAuTe Nanowires As Superior Electrocatalysts For Direct Methanol Fuel Cells. <i>Chemistry - an Asian Journal</i> , 2020, 15, 98-105.	3.3	7
66	The value of conventional sonography and ultrasound elastography in decision-making for thyroid nodules in different categories of the Bethesda system for reporting thyroid cytopathology. <i>Clinical Hemorheology and Microcirculation</i> , 2020, 74, 255-266.	1.7	9
67	Biomedical application of graphene: From drug delivery, tumor therapy, to theranostics. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 185, 110596.	5.0	141
68	Collagen/Chitosan Complexes: Preparation, Antioxidant Activity, Tyrosinase Inhibition Activity, and Melanin Synthesis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 313.	4.1	34
69	Tirapazamine-embedded polyplatinum($\text{Pt}(\text{NH}_2)_2$) complex: a prodrug combo for hypoxia-activated synergistic chemotherapy. <i>Biomaterials Science</i> , 2020, 8, 694-701.	5.4	26
70	PCL/sulfonated keratin mats for vascular tissue engineering scaffold with potential of catalytic nitric oxide generation. <i>Materials Science and Engineering C</i> , 2020, 107, 110246.	7.3	30
71	A theranostic nanocomposite with integrated black phosphorus nanosheet, Fe ₃ O ₄ @MnO ₂ -doped upconversion nanoparticles and chlorin for simultaneous multimodal imaging, highly efficient photodynamic and photothermal therapy. <i>Chemical Engineering Journal</i> , 2020, 391, 123525.	12.7	47
72	Insight into adsorption of combined antibiotic-heavy metal contaminants on graphene oxide in water. <i>Separation and Purification Technology</i> , 2020, 236, 116278.	7.9	116

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73	Manganese ion chelated FeOCl@PB@PDA@BPQDs nanocomposites as a tumor microenvironment-mediated nanoplatform for enhanced tumor imaging and therapy. <i>Sensors and Actuators B: Chemical</i> , 2020, 307, 127491.	7.8	33
74	Bovine serum albumin encapsulation of near infrared fluorescent nano-probe with low nonspecificity and cytotoxicity for imaging of HER2-positive breast cancer cells. <i>Talanta</i> , 2020, 210, 120625.	5.5	19
75	Synthesis of hollow mesoporous HAp-Au/MTX and its application in drug delivery. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 586, 124231.	4.7	10
76	Molecular dynamics simulations suggest conformational and hydration difference between zwitterionic poly (carboxybetaine methacrylate) and poly (ethylene glycol). <i>Chemical Physics</i> , 2020, 532, 110599.	1.9	8
77	A Yolk-Shell Structured FePO ₄ Cathode for High-Rate and Long-Cycling Sodium-Ion Batteries. <i>Angewandte Chemie</i> , 2020, 132, 17657-17663.	2.0	191
78	Keratin-dopamine conjugate nanoparticles as pH/GSH dual responsive drug carriers. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2020, 31, 2318-2330.	3.5	8
79	Self-Assembly Protein Superstructures as a Powerful Chemodynamic Therapy Nanoagent for Glioblastoma Treatment. <i>Nano-Micro Letters</i> , 2020, 12, 151.	27.0	29
80	Injectable In Situ Self-Cross-Linking Hydrogels Based on Hemoglobin, Carbon Quantum Dots, and Sodium Alginate for Real-Time Detection of Wound Bacterial Infection and Efficient Postoperative Prevention of Tumor Recurrence. <i>Langmuir</i> , 2020, 36, 13263-13273.	3.5	30
81	Nanobody-guided targeted delivery of microRNA via nucleic acid nanogel to inhibit the tumor growth. <i>Journal of Controlled Release</i> , 2020, 328, 425-434.	9.9	18
82	Zwitterionic Polypeptide-Based Nanodrug Augments pH-Triggered Tumor Targeting <i>via</i> Prolonging Circulation Time and Accelerating Cellular Internalization. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 46639-46652.	8.0	14
83	Biodegradable Poly(³ -glutamic acid)@glucose oxidase@carbon dot nanoparticles for simultaneous multimodal imaging and synergetic cancer therapy. <i>Biomaterials</i> , 2020, 252, 120106.	11.4	99
84	Biodegradable Zwitterion/PLGA Scaffold Enables Robust Healing of Rat Calvarial Defects with Ultralow Dose of rhBMP-2. <i>Biomacromolecules</i> , 2020, 21, 2844-2855.	5.4	9
85	Multi-functional zwitterionic coating for silicone-based biomedical devices. <i>Chemical Engineering Journal</i> , 2020, 398, 125663.	12.7	53
86	Fabrication of PCL/keratin composite scaffolds for vascular tissue engineering with catalytic generation of nitric oxide potential. <i>Journal of Materials Chemistry B</i> , 2020, 8, 6092-6099.	5.8	19
87	Platelet-derived nanomotor coated balloon for atherosclerosis combination therapy. <i>Journal of Materials Chemistry B</i> , 2020, 8, 5765-5775.	5.8	53
88	S-nitrosated keratin composite mats with NO release capacity for wound healing. <i>Chemical Engineering Journal</i> , 2020, 400, 125964.	12.7	55
89	Detection of Six β -Agonists by Three Multiresidue Immunosensors Based on an Anti-bovine Serum Albumin-Ractopamine-Clenbuterol-Salbutamol Antibody. <i>ACS Omega</i> , 2020, 5, 5548-5555.	3.5	13
90	Genipin cross-linked carbon dots for antimicrobial, bioimaging and bacterial discrimination. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 190, 110930.	5.0	39

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91	Keratin-Poly(2-methacryloxyethyl phosphatidylcholine) Conjugate-Based Micelles as a Tumor Micro-Environment-Responsive Drug-Delivery System with Long Blood Circulation. <i>Langmuir</i> , 2020, 36, 3540-3549.	3.5	12
92	A Yolk-Shell Structured FePO ₄ Cathode for High-Rate and Long-Cycling Sodium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17504-17510.	13.8	275
93	In situ implantable three-dimensional extracellular matrix bioactive composite scaffold for postoperative skin cancer therapy. <i>Chemical Engineering Journal</i> , 2020, 400, 125949.	12.7	31
94	Self-crosslinked keratin nanoparticles for pH and GSH dual responsive drug carriers. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2020, 31, 1994-2006.	3.5	16
95	A novel formaldehyde fluorescent probe based on 1, 8-naphthalimide derivative and its application in living cell. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 400, 112701.	3.9	17
96	Transcatheter Approach for Critical Pulmonary Stenosis or Pulmonary Atresia with Intact Ventricular Septum in Young Infants Using the Simmons Catheter. <i>Journal of Interventional Cardiology</i> , 2020, 2020, 1-7.	1.2	0
97	Three-Dimensional PdPtCu Nanoalloys with a Controllable Composition and Spiny Surface for the Enhancement of Ethanol Electrocatalytic Properties. <i>Langmuir</i> , 2020, 36, 2584-2591.	3.5	13
98	Coronary Stents Decorated by Heparin/NONOate Nanoparticles for Anticoagulant and Endothelialized Effects. <i>Langmuir</i> , 2020, 36, 2901-2910.	3.5	21
99	One-pot solvothermal preparation of ternary PdPtNi nanostructures with spiny surface and enhanced electrocatalytic performance during ethanol oxidation. <i>Journal of Alloys and Compounds</i> , 2020, 830, 154671.	5.5	17
100	Detection of four phenolic oestrogens by a novel electrochemical immunosensor based on a hexestrol monoclonal antibody. <i>RSC Advances</i> , 2020, 10, 8677-8684.	3.6	3
101	Multifunctional red carbon dots: a theranostic platform for magnetic resonance imaging and fluorescence imaging-guided chemodynamic therapy. <i>Analyst</i> , The, 2020, 145, 3592-3597.	3.5	22
102	Systematic Research and Evaluation Models of Nanomotors for Cancer Combined Therapy. <i>Angewandte Chemie</i> , 2020, 132, 14566-14573.	2.0	66
103	Systematic Research and Evaluation Models of Nanomotors for Cancer Combined Therapy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14458-14465.	13.8	94
104	Study on a novel poly (vinyl alcohol)/graphene oxide-citicoline sodium-lanthanum wound dressing: Biocompatibility, bioactivity, antimicrobial activity, and wound healing effect. <i>Chemical Engineering Journal</i> , 2020, 395, 125059.	12.7	51
105	Catalytic Generation of Nitric Oxide from Poly(μ -caprolactone)/Phosphobetainized Keratin Mats for a Vascular Tissue Engineering Scaffold. <i>Langmuir</i> , 2020, 36, 4396-4404.	3.5	18
106	A facile and label-free electrochemical aptasensor for tumour-derived extracellular vesicle detection based on the target-induced proximity hybridization of split aptamers. <i>Analyst</i> , The, 2020, 145, 3557-3563.	3.5	20
107	Multifunctional Nanocomposites for Targeted, Photothermal, and Chemotherapy. <i>Chemistry of Materials</i> , 2019, 31, 1847-1859.	6.7	57
108	Mussel-Inspired Surface Functionalization of PET with Zwitterions and Silver Nanoparticles for the Dual-Enhanced Antifouling and Antibacterial Properties. <i>Langmuir</i> , 2019, 35, 1788-1797.	3.5	27

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109	Zwitterionic Polymer-Gated Au@TiO ₂ Core-Shell Nanoparticles for Imaging-Guided Combined Cancer Therapy. <i>Theranostics</i> , 2019, 9, 5035-5048.	10.0	51
110	Cancer cell membrane as gate keeper of mesoporous silica nanoparticles and photothermal-triggered membrane fusion to release the encapsulated anticancer drug. <i>Journal of Materials Science</i> , 2019, 54, 12794-12805.	3.7	8
111	Zwitterionic Polymer-Grafted Polylactic Acid Vascular Patches Based on a Decellularized Scaffold for Tissue Engineering. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 4366-4375.	5.2	12
112	Preparation and biological evaluation of soluble tetrapeptide epoxyketone proteasome inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 4151-4162.	3.0	4
113	Enhanced Plasmon-Induced Resonance Energy Transfer (PIRET)-Mediated Photothermal and Photodynamic Therapy Guided by Photoacoustic and Magnetic Resonance Imaging. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 31615-31626.	8.0	34
114	Clinical Value of a Computer-Aided Diagnosis System in Thyroid Nodules: Analysis of a Reading Map Competition. <i>Ultrasound in Medicine and Biology</i> , 2019, 45, 2666-2671.	1.5	3
115	Biodegradable and Bioactive Orthopedic Magnesium Implants with Multilayered Protective Coating. <i>ACS Applied Bio Materials</i> , 2019, 2, 3290-3299.	4.6	13
116	Influences of Synthesis Conditions on the Formation of Methotrexate Intercalated Layered Double Hydroxides by Exfoliation-reassembly Route. <i>Chemical Research in Chinese Universities</i> , 2019, 35, 901-907.	2.6	4
117	Quaternized Chitosan-Coated Montmorillonite Interior Antimicrobial Metal-antibiotic <i>in Situ</i> Coordination Complexation for Mixed Infections of Wounds. <i>Langmuir</i> , 2019, 35, 15275-15286.	3.5	17
118	Facile Synthesis of PdCu Echinus-Like Nanocrystals as Robust Electrocatalysts for Methanol Oxidation Reaction. <i>Chemistry - an Asian Journal</i> , 2019, 14, 4217-4222.	3.3	16
119	Ultrasmall Graphene Oxide Modified with Fe ₃ O ₄ Nanoparticles as a Fenton-Like Agent for Methylene Blue Degradation. <i>ACS Applied Nano Materials</i> , 2019, 2, 7074-7084.	5.0	59
120	Ag@Fe ₃ O ₄ @C nanoparticles for multi-modal imaging-guided chemo-photothermal synergistic targeting for cancer therapy. <i>Analytica Chimica Acta</i> , 2019, 1086, 122-132.	5.4	41
121	Simulated enzyme inhibition-based strategy for ultrasensitive colorimetric biothiol detection based on nanoperoxidases. <i>Chemical Communications</i> , 2019, 55, 11543-11546.	4.1	4
122	Carboxymethyl Chitosan Modified Carbon Nanoparticle for Controlled Emamectin Benzoate Delivery: Improved Solubility, pH-Responsive Release, and Sustainable Pest Control. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 34258-34267.	8.0	113
123	Functionalization of polyvinyl alcohol composite film wrapped in a-ZnO@CuO@Au nanoparticles for antibacterial application and wound healing. <i>Applied Materials Today</i> , 2019, 17, 36-44.	4.3	65
124	Sodium triphosphate-capped silver nanoparticles on a decellularized scaffold-based polyurethane vascular patch for bacterial infection inhibition and rapid endothelialization. <i>Journal of Bioactive and Compatible Polymers</i> , 2019, 34, 357-372.	2.1	6
125	A one-pot modular assembly strategy for triple-play enhanced cytosolic siRNA delivery. <i>Biomaterials Science</i> , 2019, 7, 901-913.	5.4	16
126	The role of ultrasound in the diagnosis of the coexistence of primary hyperparathyroidism and non-medullary thyroid carcinoma. <i>BMC Medical Imaging</i> , 2019, 19, 7.	2.7	5

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127	Facile synthesis of ZnO QDs@GO-CS hydrogel for synergetic antibacterial applications and enhanced wound healing. <i>Chemical Engineering Journal</i> , 2019, 378, 122043.	12.7	98
128	Novel Preparation of Noncovalent Modified GO Using RAFT Polymerization to Reinforce the Performance of Waterborne Epoxy Coatings. <i>Coatings</i> , 2019, 9, 348.	2.6	6
129	Rational design of a zwitterionic phosphonic copolymer for the surface antifouling modification of multiple biomedical metals. <i>Journal of Materials Chemistry B</i> , 2019, 7, 4055-4065.	5.8	24
130	A Safe and Efficient Strategy for the Rapid Elimination of Blood Lead In Vivo Based on a Capture-Fix-Separate Mechanism. <i>Angewandte Chemie</i> , 2019, 131, 10692-10696.	2.0	4
131	Mn ²⁺ complex-modified polydopamine- and dual emissive carbon dots based nanoparticles for in vitro and in vivo trimodality fluorescent, photothermal, and magnetic resonance imaging. <i>Chemical Engineering Journal</i> , 2019, 373, 1054-1063.	12.7	51
132	A Safe and Efficient Strategy for the Rapid Elimination of Blood Lead In Vivo Based on a Capture-Fix-Separate Mechanism. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10582-10586.	13.8	25
133	Trifluoromethyl aryl sulfonates (TFMS): An applicable trifluoromethoxylation reagent. <i>Tetrahedron Letters</i> , 2019, 60, 1389-1392.	1.4	15
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