

Jian Shen

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.

456
papers

13,233
citations

54
h-index

92
g-index

486
ext. papers

15,252
ext. citations

5.9
avg, IF

6.77
L-index

#	Paper	IF	Citations
456	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	13	2
455	Nitric oxide-releasing polyurethane/-nitrosated keratin mats for accelerating wound healing.. <i>International Journal of Energy Production and Management</i> , 2022 , 9, rbac006	5.3	0
454	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	9.3	4
453	Manganese single-atom catalysts for catalytic-photothermal synergistic anti-infected therapy. <i>Chemical Engineering Journal</i> , 2022 , 438, 135636	14.7	2
452	Tertiary amines convert O to HO with enhanced photodynamic antibacterial efficiency.. <i>Journal of Hazardous Materials</i> , 2022 , 435, 128948	12.8	0
451	Hypericin Nanoparticles for Self-illuminated Photodynamic Cytotoxicity Based on Bioluminescence Resonance Energy Transfer.. <i>International Journal of Pharmaceutics</i> , 2022 , 121738	6.5	
450	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 , 102905	3.5	1
449	Engineered Platelet-Based Micro/Nanomotors for Cancer Therapy. <i>Small</i> , 2021 , e2104912	11	5
448	Dual enzyme-mimic nanozyme based on single-atom construction strategy for photothermal-augmented nanocatalytic therapy in the second near-infrared biowindow.. <i>Biomaterials</i> , 2021 , 281, 121325	15.6	9
447	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	2.2	1
446	Neutrophil-mediated clinical nanodrug for treatment of residual tumor after focused ultrasound ablation. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 345	9.4	1
445	Silica-supported near-infrared carbon dots and bicarbonate nanoplatfom for triple synergistic sterilization and wound healing promotion therapy. <i>Journal of Colloid and Interface Science</i> , 2021 , 608, 1308-1322	9.3	2
444	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	9.5	12
443	Metal-Organic Framework (MOF)-Assisted Construction of Core-Shell Nanoflower-like CuO/DH for High-Performance Supercapacitor. <i>Energy & Fuels</i> , 2021 , 35, 8387-8395	4.1	8
442	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		6
441	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	1
440	Covalently construction of poly(hexamethylene biguanide) as high-efficiency antibacterial coating for silicone rubber. <i>Chemical Engineering Journal</i> , 2021 , 412, 128707	14.7	6

439	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	10.4	22
438	Anchoring Carbon-Coated CoSe Nanoparticles on Hollow Carbon Nanocapsules for Efficient Potassium Storage. <i>ACS Applied Energy Materials</i> , 2021 , 4, 6356-6363	6.1	7
437	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	4.5	3
436	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	4	5
435	Poly(hexamethylene biguanide) (PHMB) as high-efficiency antibacterial coating for titanium substrates. <i>Journal of Hazardous Materials</i> , 2021 , 411, 125110	12.8	11
434	Biodegradable Polymeric Nanoparticles Containing an Immune Checkpoint Inhibitor (aPD1) to Locally Induce Immune Responses in the Central Nervous System. <i>Advanced Functional Materials</i> , 2021 , 31, 2102274	15.6	3
433	PDA@TiO ₂ as a novel carrier for pesticide delivery and its application in plant protection: NIR-responsive controlled release and sustained antipest activity. <i>Pest Management Science</i> , 2021 , 77, 4960-4970	4.6	5
432	Biosafety, Functionalities, and Applications of Biomedical Micro/nanomotors. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 13158-13176	16.4	20
431	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	9.3	23
430	Biosafety, Functionalities, and Applications of Biomedical Micro/nanomotors. <i>Angewandte Chemie</i> , 2021 , 133, 13266-13284	3.6	3
429	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	3.9	15
428	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	9.1	19
427	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	5.1	9
426	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	5.1	8
425	Nitric Oxide-Driven Nanomotor for Deep Tissue Penetration and Multidrug Resistance Reversal in Cancer Therapy. <i>Advanced Science</i> , 2021 , 8, 2002525	13.6	30
424	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	6.8	5
423	Wound healing acceleration by antibacterial biodegradable black phosphorus nanosheets loaded with cationic carbon dots. <i>Journal of Materials Science</i> , 2021 , 56, 6411-6426	4.3	15
422	Synthesis and molecular dynamics simulation of CuS@GO hydrogel for enhanced photothermal antibacterial effect. <i>New Journal of Chemistry</i> , 2021 , 45, 6895-6903	3.6	6

421	A pure molecular drug hydrogel for post-surgical cancer treatment. <i>Biomaterials</i> , 2021 , 265, 120403	15.6	11
420	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	5.5	6
419	Detection of organophosphorus pesticides by nanogold/mercaptomethamidophos multi-residue electrochemical biosensor. <i>Food Chemistry</i> , 2021 , 354, 129511	8.5	16
418	MXene (TiC) Based Pesticide Delivery System for Sustained Release and Enhanced Pest Control.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 6912-6923	4.1	5
417	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	3.2	3
416	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	6	2
415	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	2.4	1
414	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	9.5	7
413	Nitric oxide-releasing poly(ϵ -aprolactone)/S-nitrosylated keratin biocomposite scaffolds for potential small-diameter vascular grafts. <i>International Journal of Biological Macromolecules</i> , 2021 , 189, 516-527	7.9	4
412	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	7.3	2
411	Anti-MicroRNA-21 Oligonucleotide Loaded Spermine-Modified Acetalated Dextran Nanoparticles for B1 Receptor-Targeted Gene Therapy and Antiangiogenesis Therapy.. <i>Advanced Science</i> , 2021 , e2103812	13.6	1
410	Biodegradable Poly(γ -glutamic acid)@glucose oxidase@carbon dot nanoparticles for simultaneous multimodal imaging and synergetic cancer therapy. <i>Biomaterials</i> , 2020 , 252, 120106	15.6	56
409	Biodegradable Zwitterion/PLGA Scaffold Enables Robust Healing of Rat Calvarial Defects with Ultralow Dose of rhBMP-2. <i>Biomacromolecules</i> , 2020 , 21, 2844-2855	6.9	5
408	Multi-functional zwitterionic coating for silicone-based biomedical devices. <i>Chemical Engineering Journal</i> , 2020 , 398, 125663	14.7	13
407	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	7.3	8
406	Platelet-derived nanomotor coated balloon for atherosclerosis combination therapy. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 5765-5775	7.3	26
405	S-nitrosated keratin composite mats with NO release capacity for wound healing. <i>Chemical Engineering Journal</i> , 2020 , 400, 125964	14.7	21
404	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	3.9	5

403	Genipin cross-linked carbon dots for antimicrobial, bioimaging and bacterial discrimination. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 190, 110930	6	18
402	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	4	8
401	A Yolk-Shell-Structured FePO Cathode for High-Rate and Long-Cycling Sodium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 17504-17510	16.4	160
400	In situ implantable three-dimensional extracellular matrix bioactive composite scaffold for postoperative skin cancer therapy. <i>Chemical Engineering Journal</i> , 2020 , 400, 125949	14.7	19
399	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	8
398	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	4.7	9
397	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, 4986815	1.8	
396	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	4	8
395	Coronary Stents Decorated by Heparin/NONOate Nanoparticles for Anticoagulant and Endothelialized Effects. <i>Langmuir</i> , 2020 , 36, 2901-2910	4	10
394	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	5.7	10
393	Detection of four phenolic oestrogens by a novel electrochemical immunosensor based on a hexestrol monoclonal antibody.. <i>RSC Advances</i> , 2020 , 10, 8677-8684	3.7	2
392	Multifunctional red carbon dots: a theranostic platform for magnetic resonance imaging and fluorescence imaging-guided chemodynamic therapy. <i>Analyst, The</i> , 2020 , 145, 3592-3597	5	13
391	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	4.5	4
390	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	2.5	6
389	Biomedical application of graphene: From drug delivery, tumor therapy, to theranostics. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 185, 110596	6	75
388	Collagen/Chitosan Complexes: Preparation, Antioxidant Activity, Tyrosinase Inhibition Activity, and Melanin Synthesis. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	15
387	Tirapazamine-embedded polyplatinum(iv) complex: a prodrug combo for hypoxia-activated synergistic chemotherapy. <i>Biomaterials Science</i> , 2020 , 8, 694-701	7.4	15
386	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	8.3	18

385	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	14.7	30
384	Insight into adsorption of combined antibiotic-heavy metal contaminants on graphene oxide in water. <i>Separation and Purification Technology</i> , 2020 , 236, 116278	8.3	58
383	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	8.5	21
382	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	6.2	11
381	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	5.1	3
380	Molecular dynamics simulations suggest conformational and hydration difference between zwitterionic poly (carboxybetaine methacrylate) and poly (ethylene glycol). <i>Chemical Physics</i> , 2020 , 532, 110599	2.3	5
379	A Yolk@Shell-Structured FePO ₄ Cathode for High-Rate and Long-Cycling Sodium-Ion Batteries. <i>Angewandte Chemie</i> , 2020 , 132, 17657-17663	3.6	4
378	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	4
377	Self-Assembly Protein Superstructures as a Powerful Chemodynamic Therapy Nanoagent for Glioblastoma Treatment. <i>Nano-Micro Letters</i> , 2020 , 12, 151	19.5	13
376	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	4	10
375	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	11.7	9
374	Zwitterionic Polypeptide-Based Nanodrug Augments pH-Triggered Tumor Targeting Prolonging Circulation Time and Accelerating Cellular Internalization. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 46639-46652	9.5	8
373	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	5.4	17
372	Systematic Research and Evaluation Models of Nanomotors for Cancer Combined Therapy. <i>Angewandte Chemie</i> , 2020 , 132, 14566-14573	3.6	7
371	Systematic Research and Evaluation Models of Nanomotors for Cancer Combined Therapy. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 14458-14465	16.4	49
370	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	14.7	28
369	Catalytic Generation of Nitric Oxide from Poly(ε-caprolactone)/Phosphobetainized Keratin Mats for a Vascular Tissue Engineering Scaffold. <i>Langmuir</i> , 2020 , 36, 4396-4404	4	7
368	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> , 2020 , 145, 3557-3563	5	11

367	Ag@FeO@C nanoparticles for multi-modal imaging-guided chemo-photothermal synergistic targeting for cancer therapy. <i>Analytica Chimica Acta</i> , 2019 , 1086, 122-132	6.6	33
366	Simulated enzyme inhibition-based strategy for ultrasensitive colorimetric biothiol detection based on nanoperoxidases. <i>Chemical Communications</i> , 2019 , 55, 11543-11546	5.8	4
365	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	9.5	49
364	Functionalization of polyvinyl alcohol composite film wrapped in am-ZnO@CuO@Au nanoparticles for antibacterial application and wound healing. <i>Applied Materials Today</i> , 2019 , 17, 36-44	6.6	42
363	Sodium triphosphate@apped 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	2
362	A one-pot modular assembly strategy for triple-play enhanced cytosolic siRNA delivery. <i>Biomaterials Science</i> , 2019 , 7, 901-913	7.4	12
361	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	2.9	1
360	Facile synthesis of ZnO QDs@GO-CS hydrogel for synergetic antibacterial applications and enhanced wound healing. <i>Chemical Engineering Journal</i> , 2019 , 378, 122043	14.7	54
359	Novel Preparation of Noncovalent Modified GO Using RAFT Polymerization to Reinforce the Performance of Waterborne Epoxy Coatings. <i>Coatings</i> , 2019 , 9, 348	2.9	4
358	Rational design of a zwitterionic@osphonic copolymer for the surface antifouling modification of multiple biomedical metals. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 4055-4065	7.3	14
357	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	3.6	0
356	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	14.7	33
355	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	16.4	18
354	Trifluoromethyl aryl sulfonates (TFMS): An applicable trifluoromethoxylation reagent. <i>Tetrahedron Letters</i> , 2019 , 60, 1389-1392	2	10
353	An electrochemiluminescent aptasensor for amplified detection of exosomes from breast tumor cells (MCF-7 cells) based on G-quadruplex/hemin DNAzymes. <i>Analyst, The</i> , 2019 , 144, 3668-3675	5	35
352	A mitochondria-target probe for OCl "naked eye" detection and its imaging in living cell. <i>Talanta</i> , 2019 , 202, 369-374	6.2	4
351	Sensitive electrochemical biosensor for MicroRNAs based on duplex-specific nuclease-assisted target recycling followed with gold nanoparticles and enzymatic signal amplification. <i>Analytica Chimica Acta</i> , 2019 , 1064, 33-39	6.6	38
350	Polyurethane-Cardiolipin Nanoparticle-Modified Decellularized Scaffold-Based Vascular Patches for Tissue Engineering Applications.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 1696-1702	4.1	4

349	Multistructured vascular patches constructed via layer-by-layer self-assembly of heparin and chitosan for vascular tissue engineering applications. <i>Chemical Engineering Journal</i> , 2019 , 370, 1057-1067	14.7	44
348	Multifunctional Nanocomposites for Targeted, Photothermal, and Chemotherapy. <i>Chemistry of Materials</i> , 2019 , 31, 1847-1859	9.6	47
347	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	4	20
346	Zwitterionic Polymer-Gated Au@TiO ₂ Core-Shell Nanoparticles for Imaging-Guided Combined Cancer Therapy. <i>Theranostics</i> , 2019 , 9, 5035-5048	12.1	32
345	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	4.3	5
344	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	5.5	6
343	Preparation and biological evaluation of soluble tetrapeptide epoxyketone proteasome inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2019 , 27, 4151-4162	3.4	3
342	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	9.5	24
341	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	3.5	1
340	Biodegradable and Bioactive Orthopedic Magnesium Implants with Multilayered Protective Coating. <i>ACS Applied Bio Materials</i> , 2019 , 2, 3290-3299	4.1	7
339	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	7.2	2
338	Quaternized Chitosan-Coated Montmorillonite Interior Antimicrobial Metal-Antibiotic Coordination Complexation for Mixed Infections of Wounds. <i>Langmuir</i> , 2019 , 35, 15275-15286	4	10
337	Facile Synthesis of PdCu Echinus-Like Nanocrystals as Robust Electrocatalysts for Methanol Oxidation Reaction. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 4217-4222	4.5	10
336	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	5.6	30
335	Bio-inspired nitric-oxide-driven nanomotor. <i>Nature Communications</i> , 2019 , 10, 966	17.4	110
334	A mitochondria-targeted fluorescent probe based on coumarin-pyridine derivatives for hypochlorite imaging in living cells and zebrafish. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 7332-7337	7.3	23
333	Facile synthesis of trimetallic PtAuCu alloy nanowires as High Performance electrocatalysts for methanol oxidation reaction. <i>Journal of Alloys and Compounds</i> , 2019 , 780, 504-511	5.7	26
332	Image-guided cancer therapy using aptamer-functionalized cross-linked magnetic-responsive FeO@carbon nanoparticles. <i>Analytica Chimica Acta</i> , 2019 , 1056, 108-116	6.6	27

331	Neoadjuvant Chemotherapy Based on Abraxane/Human Neutrophils Cytopharmaceuticals with Radiotherapy for Gastric Cancer. <i>Small</i> , 2019 , 15, e1804191	11	28
330	Thermal stability and thermal oxidation kinetics of PU/CA-MMT composites. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47002	2.9	2
329	A novel composite for energy storage devices: core-shell MnO ₂ /polyindole nanotubes supported on reduced graphene oxides. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 5548-5560	2.1	8
328	A novel near-infrared fluorescent probe for highly selective detection of cysteine and its application in living cells. <i>Talanta</i> , 2018 , 185, 477-482	6.2	35
327	Magnetofluorescent Fe ₃ O ₄ /carbon quantum dots coated single-walled carbon nanotubes as dual-modal targeted imaging and chemo/photodynamic/photothermal triple-modal therapeutic agents. <i>Chemical Engineering Journal</i> , 2018 , 338, 526-538	14.7	76
326	Novel diaminomaleonitrile-based fluorescent probe for ratiometric detection and bioimaging of hypochlorite. <i>Sensors and Actuators B: Chemical</i> , 2018 , 265, 365-370	8.5	35
325	Anticoagulant polyurethane substrates modified with poly(2-methacryloyloxyethyl phosphorylcholine) via SI-RATRP. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 163, 301-308	6	16
324	Sulfobetainized biocomposite mats with improved biocompatibility and antifouling property. <i>Materials Letters</i> , 2018 , 218, 186-189	3.3	3
323	Magnetofluorescent Carbon Quantum Dot Decorated Multiwalled Carbon Nanotubes for Dual-Modal Targeted Imaging in Chemo-Photothermal Synergistic Therapy. <i>ACS Biomaterials Science and Engineering</i> , 2018 , 4, 151-162	5.5	37
322	Polyurethane/polyurethane nanoparticle-modified expanded poly(tetrafluoroethylene) vascular patches promote endothelialization. <i>Journal of Biomedical Materials Research - Part A</i> , 2018 , 106, 2131-2140	5.4	26
321	An aptasensor based on heparin-mimicking hyperbranched polyester with anti-biofouling interface for sensitive thrombin detection. <i>Biosensors and Bioelectronics</i> , 2018 , 101, 174-180	11.8	19
320	Near-infrared light-mediated photodynamic/photothermal therapy nanoplatfrom by the assembly of FeO carbon dots with graphitic black phosphorus quantum dots. <i>International Journal of Nanomedicine</i> , 2018 , 13, 2803-2819	7.3	38
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11	Research on the composite dispersion of ultra fine powder in the air. <i>Materials Chemistry and Physics</i> , 2001 , 69, 204-209	4.4	14
10	Electrostatic dispersion of fine particles in the air. <i>Powder Technology</i> , 2001 , 120, 187-193	5.2	10
9	Interface-like fracture mechanism in pyrolytic carbon matrix-based carbon-carbon composites. <i>Materials Letters</i> , 2001 , 48, 117-120	3.3	13
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