

# Jian Ji

## 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.

333  
papers

13,814  
citations

63  
h-index

100  
g-index

354  
ext. papers

15,952  
ext. citations

7.7  
avg, IF

6.81  
L-index

#	Paper	IF	Citations
333	Fabrication of programmed photosensitizer-conjugated nanoassemblies by dual supramolecular self-assembly for photodynamic therapy of orthotopic hepatoma. <i>Chemical Engineering Journal</i> , <b>2022</b> , 435, 134930	14.7	1
332	Stimuli-responsive nanoplatfoms for antibacterial applications.. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , <b>2022</b> , e1775	9.2	2
331	Drug-eluting intraocular lens with sustained bromfenac release for conquering posterior capsular opacification. <i>Bioactive Materials</i> , <b>2022</b> , 9, 343-357	16.7	10
330	Emerging pro-drug and nano-drug strategies for gemcitabine-based cancer therapy.. <i>Asian Journal of Pharmaceutical Sciences</i> , <b>2022</b> , 17, 35-52	9	1
329	A deep-learning-based workflow to deal with the defocusing problem in high-throughput experiments.. <i>Bioactive Materials</i> , <b>2022</b> , 11, 218-229	16.7	1
328	Synchronously boosting type-I photodynamic and photothermal efficacies via molecular manipulation for pancreatic cancer theranostics in the NIR-II window.. <i>Biomaterials</i> , <b>2022</b> , 283, 121476	15.6	8
327	The substrate stiffness at physiological range significantly modulates vascular cell behavior.. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2022</b> , 214, 112483	6	1
326	Anti-Oxidative and Anti-Inflammatory Micelles: Break the Dry Eye Vicious Cycle.. <i>Advanced Science</i> , <b>2022</b> , e2200435	13.6	1
325	Biomedical polymers: synthesis, properties, and applications.. <i>Science China Chemistry</i> , <b>2022</b> , 1-66	7.9	11
324	A NIR-II emissive polymer AIEgen for imaging-guided photothermal elimination of bacterial infection. <i>Biomaterials</i> , <b>2022</b> , 121579	15.6	8
323	Dynamic Structural Controlment for the Functionalization of Polyelectrolyte Multilayer Films <b>2022</b> , 100016		0
322	Fabrication of "Spongy Skin" on Diversified Materials Based on Surface Swelling Non-Solvent-Induced Phase Separation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 57000-57008	9.5	2
321	Bioinspired NO release coating enhances endothelial cells and inhibits smooth muscle cells. <i>Journal of Materials Chemistry B</i> , <b>2021</b> ,	7.3	2
320	A Bioinspired Hydrogel-Elastomer Hybrid Surface for Enhanced Mechanical Properties and Lubrication. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 50461-50469	9.5	1
319	Intraocular Lens with Mussel-Inspired Coating for Preventing Posterior Capsule Opacification via Photothermal Effect.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 3579-3586	4.1	1
318	Electrospun fiber membrane with asymmetric NO release for the differential regulation of cell growth. <i>Bio-Design and Manufacturing</i> , <b>2021</b> , 4, 469-478	4.7	5
317	Tailoring Supramolecular Prodrug Nanoassemblies for Reactive Nitrogen Species-Potentiated Chemotherapy of Liver Cancer. <i>ACS Nano</i> , <b>2021</b> , 15, 8663-8675	16.7	29

3 <sup>16</sup>	Antimicrobial nanomedicine for ocular bacterial and fungal infection. <i>Drug Delivery and Translational Research</i> , <b>2021</b> , 11, 1352-1375	6.2	10
3 <sup>15</sup>	Dynamically softened substrate regulates malignancy of breast tumor cells. <i>Science China Materials</i> , <b>2021</b> , 64, 2580-2592	7.1	0
3 <sup>14</sup>	Gradient Porous Structure Templated by Breath Figure Method. <i>Langmuir</i> , <b>2021</b> , 37, 6016-6021	4	0
3 <sup>13</sup>	Periodic Stratified Porous Structures in Dynamic Polyelectrolyte Films Through Standing-Wave Optical Crosslinking for Structural Color. <i>Advanced Science</i> , <b>2021</b> , 8, e2100402	13.6	5
3 <sup>12</sup>	Aggregation-Induced Emission-Based Platforms for the Treatment of Bacteria, Fungi, and Viruses. <i>Advanced Healthcare Materials</i> , <b>2021</b> , e2100736	10.1	4
3 <sup>11</sup>	The influence of substrate stiffness on osteogenesis of vascular smooth muscle cells. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2021</b> , 197, 111388	6	2
3 <sup>10</sup>	Substrate stiffness differentially impacts autophagy of endothelial cells and smooth muscle cells. <i>Bioactive Materials</i> , <b>2021</b> , 6, 1413-1422	16.7	12
3 <sup>09</sup>	Deep Mining of Subtle Differences in Cell Morphology via Deep Learning. <i>Advanced Theory and Simulations</i> , <b>2021</b> , 4, 2000172	3.5	5
3 <sup>08</sup>	Rapid build-up of high-throughput screening microarrays with biochemistry gradients via light-induced thiol-ene "click" chemistry. <i>Journal of Materials Chemistry B</i> , <b>2021</b> , 9, 3032-3037	7.3	2
3 <sup>07</sup>	High-throughput hyaluronic acid hydrogel arrays for cell selective adhesion screening. <i>Journal of Materials Chemistry B</i> , <b>2021</b> , 9, 4024-4030	7.3	2
3 <sup>06</sup>	Bacterial infection microenvironment sensitive prodrug micelles with enhanced photodynamic activities for infection control. <i>Colloids and Interface Science Communications</i> , <b>2021</b> , 40, 100354	5.4	12
3 <sup>05</sup>	A facile method for high-throughput screening of drug-eluting coatings in droplet microarrays based on ultrasonic spray deposition. <i>Biomaterials Science</i> , <b>2021</b> , 9, 6787-6794	7.4	1
3 <sup>04</sup>	Nitric oxide pretreatment enhances ofloxacin susceptibility of biofilm concomitant with exopolysaccharide depletion. <i>Colloids and Interface Science Communications</i> , <b>2021</b> , 41, 100371	5.4	1
3 <sup>03</sup>	Chlorin e6 (Ce6)-loaded supramolecular polypeptide micelles with enhanced photodynamic therapy effect against <i>Pseudomonas aeruginosa</i> . <i>Chemical Engineering Journal</i> , <b>2021</b> , 417, 129334	14.7	7
3 <sup>02</sup>	miR-22 eluting cardiovascular stent based on a self-healable spongy coating inhibits in-stent restenosis. <i>Bioactive Materials</i> , <b>2021</b> , 6, 4686-4696	16.7	7
3 <sup>01</sup>	Polydopamine nanoparticles with different sizes for NIR-promoted gene delivery and synergistic photothermal therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2021</b> , 208, 112125	6	4
3 <sup>00</sup>	Build an implanted "arsenal": detachable microneedles for NIR-triggered cancer photothermo-chemotherapy. <i>Biomaterials Science</i> , <b>2021</b> , 9, 4737-4745	7.4	2
2 <sup>99</sup>	A gene-coated microneedle patch based on industrialized ultrasonic spraying technology with a polycation vector to improve antitumor efficacy. <i>Journal of Materials Chemistry B</i> , <b>2021</b> , 9, 5528-5536	7.3	4

298	Label-Free and In Situ Identification of Cells via Combinational Machine Learning Models.. <i>Small Methods</i> , <b>2021</b> , e2101405	12.8	
297	Macromolecular Platform with Super-Cation Enhanced Trans-Cornea Infiltration for Noninvasive Nitric Oxide Delivery in Ocular Therapy. <i>ACS Nano</i> , <b>2020</b> ,	16.7	7
296	Development of mucoadhesive cationic polypeptide micelles for sustained cabozantinib release and inhibition of corneal neovascularization. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 5143-5154	7.3	16
295	ATP Suppression by pH-Activated Mitochondria-Targeted Delivery of Nitric Oxide Nanoplatform for Drug Resistance Reversal and Metastasis Inhibition. <i>Small</i> , <b>2020</b> , 16, e2001747	11	44
294	Functionalized biomaterials to combat biofilms. <i>Biomaterials Science</i> , <b>2020</b> , 8, 4052-4066	7.4	20
293	Relief of Biofilm Hypoxia Using an Oxygen Nanocarrier: A New Paradigm for Enhanced Antibiotic Therapy. <i>Advanced Science</i> , <b>2020</b> , 7, 2000398	13.6	29
292	Biodegradable phosphorylcholine copolymer for cardiovascular stent coating. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 5361-5368	7.3	13
291	Ofloxacin loaded MoS <sub>2</sub> nanoflakes for synergistic mild-temperature photothermal/antibiotic therapy with reduced drug resistance of bacteria. <i>Nano Research</i> , <b>2020</b> , 13, 2340-2350	10	32
290	Humidity-Triggered Relaxation of Polyelectrolyte Complexes as a Robust Approach to Generate Extracellular Matrix Biomimetic Films. <i>Advanced Healthcare Materials</i> , <b>2020</b> , 9, e2000381	10.1	9
289	Metformin-Induced Stromal Depletion to Enhance the Penetration of Gemcitabine-Loaded Magnetic Nanoparticles for Pancreatic Cancer Targeted Therapy. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 4944-4954	16.4	95
288	Surface Metallization of Porous Polymer Materials for Multifunctional Applications. <i>Langmuir</i> , <b>2020</b> , 36, 1454-1461	4	5
287	Nitric oxide-induced stromal depletion for improved nanoparticle penetration in pancreatic cancer treatment. <i>Biomaterials</i> , <b>2020</b> , 246, 119999	15.6	43
286	Structure-Switchable DNA Programmed Disassembly of Nanoparticles for Smart Size Tunability and Cancer-Specific Drug Release. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 22560-22571	9.5	7
285	Supramolecular Aggregation-Induced Emission Nanodots with Programmed Tumor Microenvironment Responsiveness for Image-Guided Orthotopic Pancreatic Cancer Therapy. <i>ACS Nano</i> , <b>2020</b> , 14, 5121-5134	16.7	57
284	Size and Charge Adaptive Clustered Nanoparticles Targeting the Biofilm Microenvironment for Chronic Lung Infection Management. <i>ACS Nano</i> , <b>2020</b> , 14, 5686-5699	16.7	80
283	Hierarchical Capillary Coating to Biofunctionalize Drug-Eluting Stent for Improving Endothelium Regeneration. <i>Research</i> , <b>2020</b> , 2020, 1458090	7.8	8
282	Surface Charge Switchable Supramolecular Nanocarriers for Nitric Oxide Synergistic Photodynamic Eradication of Biofilms. <i>ACS Nano</i> , <b>2020</b> , 14, 347-359	16.7	154
281	Polymyxin B-Polysaccharide Polyion Nanocomplex with Improved Biocompatibility and Unaffected Antibacterial Activity for Acute Lung Infection Management. <i>Advanced Healthcare Materials</i> , <b>2020</b> , 9, e1901542	10.1	23

280	Fabrication of Mixed-Charge Polypeptide Coating for Enhanced Hemocompatibility and Anti-Infective Effect. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 2999-3010	9.5	32
279	Mixed-charge bionanointerfaces: Opposite charges work in harmony to meet the challenges in biomedical applications. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , <b>2020</b> , 12, e1600	9.2	4
278	Ratiometrically Designed Nanocarrier to Impact Major Cancer Pathways for Effective Pancreatic Cancer Treatment. <i>Chemical Research in Chinese Universities</i> , <b>2020</b> , 36, 1143-1144	2.2	
277	Biofilm microenvironment activated supramolecular nanoparticles for enhanced photodynamic therapy of bacterial keratitis. <i>Journal of Controlled Release</i> , <b>2020</b> , 327, 676-687	11.7	33
276	Versatile and Functional Surface Patterning of Breath Figure Pore Formation via Solvent Treatment. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 47048-47058	9.5	8
275	New Morphogenetic Strategy Inspired by the Viscoelasticity of Polymers. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 36620-36627	9.5	1
274	Polymer coated nanodiamonds as gemcitabine prodrug with enzymatic sensitivity for pancreatic cancer treatment. <i>Progress in Natural Science: Materials International</i> , <b>2020</b> , 30, 711-717	3.6	3
273	Codeposition of Levodopa and Polyethyleneimine: Reaction Mechanism and Coating Construction. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> ,	9.5	14
272	Dynamic Porous Pattern through Controlling Noncovalent Interactions in Polyelectrolyte Film for Sequential and Regional Encapsulation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 42081-42088	9.5	7
271	3-Bromopyruvate-Conjugated Nanoplatfrom-Induced Pro-Death Autophagy for Enhanced Photodynamic Therapy against Hypoxic Tumor. <i>ACS Nano</i> , <b>2020</b> , 14, 9711-9727	16.7	48
270	Emerging nanobiomaterials against bacterial infections in postantibiotic era. <i>View</i> , <b>2020</b> , 1, 20200014	7.8	19
269	Emerging antibacterial nanomedicine for enhanced antibiotic therapy. <i>Biomaterials Science</i> , <b>2020</b> , 8, 6825-6839	7.4	24
268	Rapid Buildup Arrays with Orthogonal Biochemistry Gradients via Light-Induced Thiol-Ene "Click" Chemistry for High-Throughput Screening of Peptide Combinations. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 20243-20252	9.5	7
267	Rapid and In Situ Synthesis of Gold Nanoparticles in Redox Multilayer Film for Biosensor Applications. <i>ChemNanoMat</i> , <b>2019</b> , 5, 1515-1520	3.5	
266	Photothermal Killing of Methicillin-Resistant by Bacteria-Targeted Polydopamine Nanoparticles with Nano-Localized Hyperpyrexia. <i>ACS Biomaterials Science and Engineering</i> , <b>2019</b> , 5, 5169-5179	5.5	23
265	A radiomics model for determining the invasiveness of solitary pulmonary nodules that manifest as part-solid nodules. <i>Clinical Radiology</i> , <b>2019</b> , 74, 933-943	2.9	21
264	Glutathione Responsive $\beta$ -Cyclodextrin Conjugated S-Nitrothiols as a Carrier for Intracellular Delivery of Nitric Oxide. <i>Bioconjugate Chemistry</i> , <b>2019</b> , 30, 583-591	6.3	10
263	Controlling Structural Transformation of Polyelectrolyte Films for Spatially Encapsulating Functional Species. <i>Small</i> , <b>2019</b> , 15, e1804867	11	11

262	Rational Design of Cancer Nanomedicine for Simultaneous Stealth Surface and Enhanced Cellular Uptake. <i>ACS Nano</i> , <b>2019</b> , 13, 954-977	16.7	120
261	mRNA Guided Intracellular Self-Assembly of DNA-Gold Nanoparticle Conjugates as a Precise Trigger to Up-Regulate Cell Apoptosis and Activate Photothermal Therapy. <i>Bioconjugate Chemistry</i> , <b>2019</b> , 30, 1763-1772	6.3	10
260	Photothermal Spongy Film for Enhanced Surface-Mediated Transfection to Primary Cells. <i>ACS Applied Bio Materials</i> , <b>2019</b> , 2, 2676-2684	4.1	10
259	One-step preparation of reduction-responsive cross-linked gemcitabine prodrug micelles for intracellular drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 181, 94-101	6	10
258	Layer-by-layer assembly as a robust method to construct extracellular matrix mimic surfaces to modulate cell behavior. <i>Progress in Polymer Science</i> , <b>2019</b> , 92, 1-34	29.6	35
257	Mixed-Charged Zwitterionic Polymeric Micelles for Tumor Acidic Environment Responsive Intracellular Drug Delivery. <i>Langmuir</i> , <b>2019</b> , 35, 1242-1248	4	15
256	Precise 2D-Patterned Incompatible Catalysts for Reactions in One-Pot. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 13640-13646	4.8	3
255	Magainin-modified polydopamine nanoparticles for photothermal killing of bacteria at low temperature. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 183, 110423	6	28
254	Spatially Confining Surface Roughness on Exponentially Growing Polyelectrolyte Multilayer Films. <i>Advanced Materials Interfaces</i> , <b>2019</b> , 6, 1900702	4.6	4
253	A photodynamic antibacterial spray-coating based on the host-guest immobilization of the photosensitizer methylene blue. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 5089-5095	7.3	24
252	Synergistic Chemotherapy and Photodynamic Therapy of Endophthalmitis Mediated by Zeolitic Imidazolate Framework-Based Drug Delivery Systems. <i>Small</i> , <b>2019</b> , 15, e1903880	11	69
251	Surface-Mediated Stimuli-Responsive Gene Delivery Based on Breath Figure Film Combined with Matrix Metalloproteinase-Sensitive Hydrogel. <i>ACS Biomaterials Science and Engineering</i> , <b>2019</b> , 5, 6610-6618	5.5	7
250	Antibacterial and hydroxyapatite-forming coating for biomedical implants based on polypeptide-functionalized titania nanospikes. <i>Biomaterials Science</i> , <b>2019</b> , 8, 278-289	7.4	37
249	Introduction of lactobionic acid ligand into mixed-charge nanoparticles to realize in situ triggered active targeting to hepatoma cells. <i>Materials Today Bio</i> , <b>2019</b> , 4, 100034	9.9	2
248	Photothermal-assisted surface-mediated gene delivery for enhancing transfection efficiency. <i>Biomaterials Science</i> , <b>2019</b> , 7, 5177-5186	7.4	13
247	Bioinspired Polydopamine/Polyzwitterion Coatings for Underwater Anti-Oil and -Freezing Surfaces. <i>Langmuir</i> , <b>2019</b> , 35, 1895-1901	4	28
246	Zwitterionic Reduction-Activated Supramolecular Prodrug Nanocarriers for Photodynamic Ablation of Cancer Cells. <i>Langmuir</i> , <b>2019</b> , 35, 1919-1926	4	7
245	Photosensitizer-Loaded Multifunctional Chitosan Nanoparticles for Simultaneous in Situ Imaging, Highly Efficient Bacterial Biofilm Eradication, and Tumor Ablation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 2302-2316	9.5	42

244	Patterned Slippery Surface through Dynamically Controlling Surface Structures for Droplet Microarray. <i>Chemistry of Materials</i> , <b>2019</b> , 31, 834-841	9.6	23
243	Thermo-triggered ultrafast self-healing of microporous coating for on-demand encapsulation of biomacromolecules. <i>Biomaterials</i> , <b>2019</b> , 192, 15-25	15.6	16
242	Bacteria-Targeted Supramolecular Photosensitizer Delivery Vehicles for Photodynamic Ablation Against Biofilms. <i>Macromolecular Rapid Communications</i> , <b>2019</b> , 40, e1800763	4.8	33
241	Construction of nanomaterials with targeting phototherapy properties to inhibit resistant bacteria and biofilm infections. <i>Chemical Engineering Journal</i> , <b>2019</b> , 358, 74-90	14.7	97
240	Bactericidal and Hemocompatible Coating via the Mixed-Charged Copolymer. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 10428-10436	9.5	56
239	Hemoglobin as a Smart pH-Sensitive Nanocarrier To Achieve Aggregation Enhanced Tumor Retention. <i>Biomacromolecules</i> , <b>2018</b> , 19, 2007-2013	6.9	28
238	Ultrathin $\kappa$ -Carrageenan/Chitosan Hydrogel Films with High Toughness and Antiadhesion Property. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 9002-9009	9.5	58
237	The renaissance of nitric oxide: from improvement of stability to enhancement of endocytosis. <i>Materials Chemistry Frontiers</i> , <b>2018</b> , 2, 830-834	7.8	8
236	Combining 3D Printing with Electrospinning for Rapid Response and Enhanced Designability of Hydrogel Actuators. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1800514	15.6	77
235	Gas Therapy: An Emerging Green Strategy for Anticancer Therapeutics. <i>Advanced Therapeutics</i> , <b>2018</b> , 1, 1800084	4.9	24
234	Self-Healing Label Materials Based on Photo-Cross-Linkable Polymeric Films with Dynamic Surface Structures. <i>ACS Nano</i> , <b>2018</b> , 12, 8686-8696	16.7	26
233	Let There be Light: Polymeric Micelles with Upper Critical Solution Temperature as Light-Triggered Heat Nanogenerators for Combating Drug-Resistant Cancer. <i>Small</i> , <b>2018</b> , 14, e1802420	11	52
232	Construction of High Drug Loading and Enzymatic Degradable Multilayer Films for Self-Defense Drug Release and Long-Term Biofilm Inhibition. <i>Biomacromolecules</i> , <b>2018</b> , 19, 85-93	6.9	50
231	Improved Antithrombotic Function of Oriented Endothelial Cell Monolayer on Microgrooves. <i>ACS Biomaterials Science and Engineering</i> , <b>2018</b> , 4, 1976-1985	5.5	10
230	Design of smart targeted and responsive drug delivery systems with enhanced antibacterial properties. <i>Nanoscale</i> , <b>2018</b> , 10, 20946-20962	7.7	56
229	Polyphenol-Assisted Exfoliation of Transition Metal Dichalcogenides into Nanosheets as Photothermal Nanocarriers for Enhanced Antibiofilm Activity. <i>ACS Nano</i> , <b>2018</b> , 12, 12347-12356	16.7	82
228	Nitric oxide as an all-rounder for enhanced photodynamic therapy: Hypoxia relief, glutathione depletion and reactive nitrogen species generation. <i>Biomaterials</i> , <b>2018</b> , 187, 55-65	15.6	127
227	Actuators: Combining 3D Printing with Electrospinning for Rapid Response and Enhanced Designability of Hydrogel Actuators (Adv. Funct. Mater. 19/2018). <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1870124	15.6	0

226	Dual Enzymatic Reaction-Assisted Gemcitabine Delivery Systems for Programmed Pancreatic Cancer Therapy. <i>ACS Nano</i> , <b>2017</b> , 11, 1281-1291	16.7	129
225	Infusing Lubricant onto Erasable Microstructured Surfaces toward Guided Sliding of Liquid Droplets. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 1959-1967	9.5	23
224	Octadecyl Chains Immobilized onto Hyaluronic Acid Coatings by Thiol-ene "Click Chemistry" Increase the Surface Antimicrobial Properties and Prevent Platelet Adhesion and Activation to Polyurethane. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 7979-7989	9.5	37
223	Design and Proof of Programmed 5-Aminolevulinic Acid Prodrug Nanocarriers for Targeted Photodynamic Cancer Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 14596-14605	9.5	53
222	Mechanical Adaptability of the MMP-Responsive Film Improves the Functionality of Endothelial Cell Monolayer. <i>Advanced Healthcare Materials</i> , <b>2017</b> , 6, 1601410	10.1	20
221	Surface-mediated transfection of a pDNA vector encoding short hairpin RNA to downregulate TGF- $\beta$ expression for the prevention of in-stent restenosis. <i>Biomaterials</i> , <b>2017</b> , 116, 95-105	15.6	35
220	On-Demand Shape Recovery Kinetics Modulation with a Wide Regulation Range and Spatially Heterogeneous Shape Recovery Rate. <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 11144-11150	3.8	3
219	Polyamino acid-based gemcitabine nanocarriers for targeted intracellular drug delivery. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 2490-2498	4.9	26
218	Nanostructured Multilayer Films Assembled from Poly(dopamine)-Coated Carbon Nanotubes for Controlling Cell Behavior. <i>ChemNanoMat</i> , <b>2017</b> , 3, 319-327	3.5	4
217	Diverse Applications of Nanomedicine. <i>ACS Nano</i> , <b>2017</b> , 11, 2313-2381	16.7	714
216	Methemoglobin as a redox-responsive nanocarrier to trigger the in situ anticancer ability of artemisinin. <i>NPG Asia Materials</i> , <b>2017</b> , 9, e423-e423	10.3	3
215	Dopamine-Triggered One-Step Polymerization and Codeposition of Acrylate Monomers for Functional Coatings. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 34356-34366	9.5	73
214	Enzyme-sensitive gemcitabine conjugated albumin nanoparticles as a versatile theranostic nanoplatform for pancreatic cancer treatment. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 507, 217-224	9.3	39
213	A cascade enzymatic reaction activatable gemcitabine prodrug with an AIE-based intracellular light-up apoptotic probe for in situ self-therapeutic monitoring. <i>Chemical Communications</i> , <b>2017</b> , 53, 9214-9217	5.8	29
212	Surface-Adaptive Gold Nanoparticles with Effective Adherence and Enhanced Photothermal Ablation of Methicillin-Resistant Staphylococcus aureus Biofilm. <i>ACS Nano</i> , <b>2017</b> , 11, 9330-9339	16.7	317
211	Understanding the Oxidative Stability of Antifouling Polymer Brushes. <i>Langmuir</i> , <b>2017</b> , 33, 7298-7304	4	11
210	Stiffness of polyelectrolyte multilayer film influences endothelial function of endothelial cell monolayer. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2017</b> , 149, 379-387	6	20
209	Zwitterionic stealth peptide-capped 5-aminolevulinic acid prodrug nanoparticles for targeted photodynamic therapy. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 485, 251-259	9.3	35

208	Zwitterionic stealth peptide-protected gold nanoparticles enable long circulation without the accelerated blood clearance phenomenon. <i>Biomaterials Science</i> , <b>2017</b> , 6, 200-206	7.4	35
207	Programmed photosensitizer conjugated supramolecular nanocarriers with dual targeting ability for enhanced photodynamic therapy. <i>Chemical Communications</i> , <b>2016</b> , 52, 11935-11938	5.8	25
206	Dynamic spongy films to immobilize hydrophobic antimicrobial peptides for self-healing bactericidal coating. <i>Journal of Materials Chemistry B</i> , <b>2016</b> , 4, 6358-6365	7.3	23
205	Polydopamine Nanocoating for Effective Photothermal Killing of Bacteria and Fungus upon Near-Infrared Irradiation. <i>Advanced Materials Interfaces</i> , <b>2016</b> , 3, 1600767	4.6	70
204	Glutathione Activatable Photosensitizer-Conjugated Pseudopolyrotaxane Nanocarriers for Photodynamic Theranostics. <i>Small</i> , <b>2016</b> , 12, 6223-6232	11	56
203	Substrate Stiffness Combined with Hepatocyte Growth Factor Modulates Endothelial Cell Behavior. <i>Biomacromolecules</i> , <b>2016</b> , 17, 2767-76	6.9	31
202	Self-wrinkling polyelectrolyte multilayers: construction, smoothing and the underlying mechanism. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 31168-31174	3.6	19
201	Theranostic hyaluronic acid prodrug micelles with aggregation-induced emission characteristics for targeted drug delivery. <i>Science China Chemistry</i> , <b>2016</b> , 59, 1609-1615	7.9	28
200	A novel biliary stent coated with silver nanoparticles prolongs the unobstructed period and survival via anti-bacterial activity. <i>Scientific Reports</i> , <b>2016</b> , 6, 21714	4.9	15
199	Improved Endothelial Function of Endothelial Cell Monolayer on the Soft Polyelectrolyte Multilayer Film with Matrix-Bound Vascular Endothelial Growth Factor. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 14357-66	9.5	29
198	pH- and NIR Light-Responsive Polymeric Prodrug Micelles for Hyperthermia-Assisted Site-Specific Chemotherapy to Reverse Drug Resistance in Cancer Treatment. <i>Small</i> , <b>2016</b> , 12, 2731-40	11	89
197	CuSO <sub>4</sub> /H <sub>2</sub> O <sub>2</sub> -Induced Rapid Deposition of Polydopamine Coatings with High Uniformity and Enhanced Stability. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 3054-7	16.4	288
196	Biomimetic drug nanocarriers prepared by miniemulsion polymerization for near-infrared imaging and photothermal therapy. <i>Polymer</i> , <b>2016</b> , 82, 255-261	3.9	18
195	Recyclable Colorimetric Detection of Trivalent Cations in Aqueous Media Using Zwitterionic Gold Nanoparticles. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 4140-6	7.8	37
194	Self-Healing Spongy Coating for Drug "Cocktail" Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 4309-13	9.5	30
193	Dual pH-responsive 5-aminolevulinic acid pseudopolyrotaxane prodrug micelles for enhanced photodynamic therapy. <i>Chemical Communications</i> , <b>2016</b> , 52, 3966-9	5.8	31
192	IR-780 Loaded Phospholipid Mimicking Homopolymeric Micelles for Near-IR Imaging and Photothermal Therapy of Pancreatic Cancer. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 6852-8	9.5	94
191	Theranostic reduction-sensitive gemcitabine prodrug micelles for near-infrared imaging and pancreatic cancer therapy. <i>Nanoscale</i> , <b>2016</b> , 8, 283-91	7.7	72

190	Intracellular host-guest assembly of gold nanoparticles triggered by glutathione. <i>Chemical Communications</i> , <b>2016</b> , 52, 582-5	5.8	24
189	CuSO <sub>4</sub> /H <sub>2</sub> O <sub>2</sub> -Induced Rapid Deposition of Polydopamine Coatings with High Uniformity and Enhanced Stability. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 3106-3109	3.6	107
188	Intracellular Dual Fluorescent Lightup Bioprobes for Image-Guided Photodynamic Cancer Therapy. <i>Small</i> , <b>2016</b> , 12, 3870-8	11	24
187	Photodynamic Theranostics: Glutathione Activatable Photosensitizer-Conjugated Pseudopolyrotaxane Nanocarriers for Photodynamic Theranostics (Small 45/2016). <i>Small</i> , <b>2016</b> , 12, 6178 <sup>11</sup> -6178 <sup>3</sup>		
186	Zwitterionic supramolecular prodrug nanoparticles based on host-guest interactions for intracellular drug delivery. <i>Polymer</i> , <b>2016</b> , 97, 449-455	3.9	20
185	Abrp, a new gene, confers reduced susceptibility to tetracycline, glycylcine, chloramphenicol and fosfomycin classes in <i>Acinetobacter baumannii</i> . <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , <b>2016</b> , 35, 1371-5	5.3	10
184	Spraying layer-by-layer assembly film based on the coordination bond of bioinspired polydopamineBeIII. <i>Thin Solid Films</i> , <b>2016</b> , 600, 76-82	2.2	7
183	Substrate-mediated delivery of gene complex nanoparticles via polydopamine coating for enhancing competitiveness of endothelial cells. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2016</b> , 147, 172-179 <sup>6</sup>		14
182	A Writing strategy for shape transition with infinitely adjustable shaping sequences and in situ tunable 3D structures. <i>Materials Horizons</i> , <b>2016</b> , 3, 581-587	14.4	24
181	Zwitterionic Phosphorylcholine-TPE Conjugate for pH-Responsive Drug Delivery and AIE Active Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 21185-92	9.5	82
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179	Enhanced electrochemical stimuli multilayers based on a ferrocene-containing polymer. <i>Science Bulletin</i> , <b>2015</b> , 60, 936-942	10.6	7
178	Polyelectrolyte Multilayers as Robust Coating for Cardiovascular Biomaterials <b>2015</b> , 399-418		
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175	Effect of Polyelectrolyte Film Stiffness on Endothelial Cells During Endothelial-to-Mesenchymal Transition. <i>Biomacromolecules</i> , <b>2015</b> , 16, 3584-93	6.9	47
174	Dynamic stiffness of polyelectrolyte multilayer films based on disulfide bonds for in situ control of cell adhesion. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 7546-7553	7.3	24
173	pH-Responsive supramolecular prodrug micelles based on cucurbit[8]uril for intracellular drug delivery. <i>Journal of Controlled Release</i> , <b>2015</b> , 213, e134-5	11.7	1

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170	pH-sensitive controlled release of doxorubicin from polyelectrolyte multilayers. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2015</b> , 125, 127-33	6	26
169	Camptothecin-conjugated biodegradable prodrug micelles for theranostic near-infrared fluorescent imaging and intracellular drug release. <i>Journal of Controlled Release</i> , <b>2015</b> , 213, e37	11.7	
168	Light and pH dual responsive polyion complex micelles for efficient protein delivery. <i>Journal of Controlled Release</i> , <b>2015</b> , 213, e90-1	11.7	
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152	Mixed-charge nanoparticles for long circulation, low reticuloendothelial system clearance, and high tumor accumulation. <i>Advanced Healthcare Materials</i> , <b>2014</b> , 3, 1439-47	10.1	57
151	Surface tailoring of nanoparticles via mixed-charge monolayers and their biomedical applications. <i>Small</i> , <b>2014</b> , 10, 4230-42	11	43
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