Xuesi Chen

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.

785 papers	38,295 citations	100 h-index	147 g-index
820 ext. papers	43,790 ext. citations	7.7 avg, IF	7.73 L-index

#	Paper	IF	Citations
785	Cationic amphiphilic dendrons with effective antibacterial performance.. *Journal of Materials Chemistry B*, **2022**,	7.3	1
784	Opportunities and Challenges for mRNA Delivery Nanoplatforms.. *Journal of Physical Chemistry Letters*, **2022**, 13, 1314-1322	6.4	3
783	Destruction of tumor vasculature by vascular disrupting agents in overcoming the limitation of EPR effect.. *Advanced Drug Delivery Reviews*, **2022**, 114138	18.5	1
782	Bioactive Materials Promote Wound Healing through Modulation of Cell Behaviors.. *Advanced Science*, **2022**, e2105152	13.6	8
781	Instructive cartilage regeneration modalities with advanced therapeutic implantations under abnormal conditions.. *Bioactive Materials*, **2022**, 11, 317-338	16.7	13
780	A Minimalist Binary Vaccine Carrier for Personalized Postoperative Cancer Vaccine Therapy.. *Advanced Materials*, **2022**, e2109254	24	10
779	Polymer nanotherapeutics to correct autoimmunity.. *Journal of Controlled Release*, **2022**,	11.7	6
778	Biofunctionalized composite scaffold to potentiate osteoconduction, angiogenesis, and favorable metabolic microenvironment for osteonecrosis therapy. *Bioactive Materials*, **2022**, 9, 446-460	16.7	12
777	Combining mannose receptor mediated nanovaccines and gene regulated PD-L1 blockade for boosting cancer immunotherapy. *Bioactive Materials*, **2022**, 7, 167-180	16.7	7
776	Aldehyde end-capped CO2-based polycarbonates: a green synthetic platform for site-specific functionalization. *Polymer Chemistry*, **2022**, 13, 1731-1738	4.9	0
775	3D Printed Personalized Nerve Guide Conduits for Precision Repair of Peripheral Nerve Defects.. *Advanced Science*, **2022**, e2103875	13.6	9
774	Metformin booster adipocyte-targeted gene therapy for the treatment of obesity and related metabolic syndromes. *Science China Chemistry*, **2022**, 65, 796-809	7.9	1
773	Compatibility and Thermal and Structural Properties of Poly(l-lactide)/Poly(l-co-d-lactide) Blends. *Macromolecules*, **2022**, 55, 1709-1718	5.5	4
772	Self-Switchable Polymerization: A Smart Approach to Sequence-Controlled Degradable Copolymers. *Macromolecules*, **2022**, 55, 1879-1893	5.5	7
771	Versatile Polymer-Initiating Biomineralization for Tumor Blockade Therapy.. *Advanced Materials*, **2022**, e2110094	24	7
770	Mannan-decorated pathogen-like polymeric nanoparticles as nanovaccine carriers for eliciting superior anticancer immunity.. *Biomaterials*, **2022**, 284, 121489	15.6	3
769	Recent advances in organic and polymeric carriers for local tumor chemo-immunotherapy. *Science China Technological Sciences*, **2022**, 65, 1011	3.5	1

768	Molecular Strings Modified Gene Delivery System. *Biomaterial Engineering*, **2022**, 1-37	0.3	
767	Charge/Size Dual-Rebound Gene Delivery System. *Biomaterial Engineering*, **2022**, 39-59	0.3	
766	Biomedical polymers: synthesis, properties, and applications.. *Science China Chemistry*, **2022**, 1-66	7.9	11
765	Versatile Polymer-Initiating Biomineralization for Tumor Blockade Therapy (Adv. Mater. 19/2022). *Advanced Materials*, **2022**, 34, 2270146	24	
764	Macromolecular Effects in Medicinal Chemistry?. *Acta Chimica Sinica*, **2022**, 80, 563	3.3	0
763	Smart transformable nanoparticles for enhanced tumor theranostics. *Applied Physics Reviews*, **2021**, 8, 041321	17.3	22
762	Molecular Strings Modified Gene Delivery System. *Biomaterial Engineering*, **2021**, 1-37	0.3	
761	Immunologically Effective Biomaterials. *ACS Applied Materials & Interfaces*, **2021**, 13, 56719-56724	9.5	11
760	Combination of epigenetic regulation with gene therapy-mediated immune checkpoint blockade induces anti-tumour effects and immune response in vivo. *Nature Communications*, **2021**, 12, 6742	17.4	6
759	Charge/Size Dual-Rebound Gene Delivery System. *Biomaterial Engineering*, **2021**, 1-21	0.3	
758	Self-Amplifying Nanotherapeutic Drugs Homing to Tumors in a Manner of Chain Reaction. *Advanced Materials*, **2021**, 33, e2002094	24	9
757	Cystine proportion regulates fate of polypeptide nanogel as nanocarrier for chemotherapeutics. *Science China Chemistry*, **2021**, 64, 293-301	7.9	25
756	Cationic Flexible Organic Framework for Combination of Photodynamic Therapy and Genetic Immunotherapy Against Tumors. *Small*, **2021**, 17, e2008125	11	3
755	A Multichannel Ca Nanomodulator for Multilevel Mitochondrial Destruction-Mediated Cancer Therapy. *Advanced Materials*, **2021**, 33, e2007426	24	54
754	A Cationic Metal-Organic Framework to Scavenge Cell-Free DNA for Severe Sepsis Management. *Nano Letters*, **2021**, 21, 2461-2469	11.5	12
753	Monomer Controlled Switchable Copolymerization: A Feasible Route for the Functionalization of Poly(lactide). *Angewandte Chemie*, **2021**, 133, 9360-9364	3.6	0
752	Prodrug-Based Versatile Nanomedicine with Simultaneous Physical and Physiological Tumor Penetration for Enhanced Cancer Chemo-Immunotherapy. *Nano Letters*, **2021**, 21, 3721-3730	11.5	9
751	Injectable Hydrogels as Local Depots at Tumor Sites for Antitumor Immunotherapy and Immune-Based Combination Therapy. *Macromolecular Bioscience*, **2021**, 21, e2100039	5.5	15

750	X-ray-responsive polypeptide nanogel for concurrent chemoradiotherapy. *Journal of Controlled Release*, **2021**, 332, 1-9	11.7	23
749	Design of an Injectable Polypeptide Hydrogel Depot Containing the Immune Checkpoint Blocker Anti-PD-L1 and Doxorubicin to Enhance Antitumor Combination Therapy. *Macromolecular Bioscience*, **2021**, 21, e2100049	5.5	8
748	Polypeptides-Drug Conjugates for Anticancer Therapy. *Advanced Healthcare Materials*, **2021**, 10, e2001974	10.1	6
747	Matrix metalloproteinase-sensitive poly(ethylene glycol)/peptide hydrogels as an interactive platform conducive to cell proliferation during 3D cell culture. *Science China Technological Sciences*, **2021**, 64, 1285-1294	3.5	5
746	Covalent organic framework nanoparticles for anti-tumor gene therapy. *Science China Chemistry*, **2021**, 64, 1235-1241	7.9	9
745	Chronic Diabetic Wound Treatment: Green Tea Derivative Driven Smart Hydrogels with Desired Functions for Chronic Diabetic Wound Treatment (Adv. Funct. Mater. 18/2021). *Advanced Functional Materials*, **2021**, 31, 2170127	15.6	2
744	Nanoparticles Composed of PEGylated Alternating Copolymer-Combretastatin A4 Conjugate for Cancer Therapy. *Macromolecular Bioscience*, **2021**, 21, e2100077	5.5	2
743	Targeting dual gene delivery nanoparticles overcomes immune checkpoint blockade induced adaptive resistance and regulates tumor microenvironment for improved tumor immunotherapy. *Nano Today*, **2021**, 38, 101194	17.9	8
742	Localized Chemotherapy Based on Injectable Hydrogel Boosts the Antitumor Activity of Adoptively Transferred T Lymphocytes In Vivo. *Advanced Healthcare Materials*, **2021**, 10, e2100814	10.1	3
741	Rapidly Thermoreversible and Biodegradable Polypeptide Hydrogels with Sol-Gel-Sol Transition Dependent on Subtle Manipulation of Side Groups. *Biomacromolecules*, **2021**, 22, 3522-3533	6.9	3
740	A fast and versatile cross-linking strategy via -phthalaldehyde condensation for mechanically strengthened and functional hydrogels. *National Science Review*, **2021**, 8, nwaa128	10.8	14
739	Polypeptide nanoformulation-induced immunogenic cell death and remission of immunosuppression for enhanced chemoimmunotherapy. *Science Bulletin*, **2021**, 66, 362-373	10.6	31
738	A trinuclear salen-Al complex for copolymerization of epoxides and anhydride: mechanistic insight into a cocatalyst-free system. *Chemical Communications*, **2021**, 57, 133-136	5.8	5
737	Determination of residual monomers in poly(lactide-co-□caprolactone) using gas chromatography. *Polymer Testing*, **2021**, 93, 106998	4.5	
736	Biopolymer Immune Implants' Sequential Activation of Innate and Adaptive Immunity for Colorectal Cancer Postoperative Immunotherapy. *Advanced Materials*, **2021**, 33, e2004559	24	19
735	In situ activation of STING pathway with polymeric SN38 for cancer chemoimmunotherapy. *Biomaterials*, **2021**, 268, 120542	15.6	18
734	Effective Eradication of Tumors by Enhancing Photoacoustic-Imaging-Guided Combined Photothermal Therapy and Ultrasonic Therapy. *Advanced Functional Materials*, **2021**, 31, 2009314	15.6	8
733	Enhancers in polymeric nonviral gene delivery systems. *View*, **2021**, 2, 20200072	7.8	2

732	Enhanced anti-PD-1 therapy in hepatocellular carcinoma by tumor vascular disruption and normalization dependent on combretastatin A4 nanoparticles and DC101. *Theranostics*, **2021**, 11, 5955-5969	12.1	4
731	Supramolecular Assembled Programmable Nanomedicine As In Situ Cancer Vaccine for Cancer Immunotherapy. *Advanced Materials*, **2021**, 33, e2007293	24	41
730	Influence of residual chirality on the conformation and enzymatic degradation of glycopolypeptide based biomaterials. *Science China Technological Sciences*, **2021**, 64, 641-650	3.5	3
729	Stimuli-responsive polypeptides for controlled drug delivery. *Chemical Communications*, **2021**, 57, 9489-9503	5.8	12
728	Cisplatin nanoparticles boost abscopal effect of radiation plus anti-PD1 therapy. *Biomaterials Science*, **2021**, 9, 3019-3027	7.4	2
727	Engineered nanomedicines for tumor vasculature blockade therapy. *Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology*, **2021**, 13, e1691	9.2	5
726	Physiologically relevant pH- and temperature-responsive polypeptide hydrogels with adhesive properties. *Polymer Chemistry*, **2021**, 12, 2832-2839	4.9	4
725	A simple and general strategy for postsurgical personalized cancer vaccine therapy based on an injectable dynamic covalent hydrogel. *Biomaterials Science*, **2021**, 9, 6879-6888	7.4	4
724	Ultrasound-Augmented Mitochondrial Calcium Ion Overload by Calcium Nanomodulator to Induce Immunogenic Cell Death. *Nano Letters*, **2021**, 21, 2088-2093	11.5	58
723	Green Tea Derivative Driven Smart Hydrogels with Desired Functions for Chronic Diabetic Wound Treatment. *Advanced Functional Materials*, **2021**, 31, 2009442	15.6	67
722	Monomer Controlled Switchable Copolymerization: A Feasible Route for the Functionalization of Poly(lactide). *Angewandte Chemie - International Edition*, **2021**, 60, 9274-9278	16.4	8
721	Injectable Self-Healing Hydrogel Wound Dressing with Cysteine-Specific On-Demand Dissolution Property Based on Tandem Dynamic Covalent Bonds. *Advanced Functional Materials*, **2021**, 31, 2011230	15.6	31
720	A pH-Triggered Self-Unpacking Capsule Containing Zwitterionic Hydrogel-Coated MOF Nanoparticles for Efficient Oral Exendin-4 Delivery. *Advanced Materials*, **2021**, 33, e2102044	24	12
719	Cisplatin nanoparticles possess stronger anti-tumor synergy with PD1/PD-L1 inhibitors than the parental drug. *Acta Biomaterialia*, **2021**, 135, 543-555	10.8	2
718	High Antibacterial Activity and Selectivity of the Versatile Polysulfoniums that Combat Drug Resistance. *Advanced Materials*, **2021**, 33, e2104402	24	24
717	In-Situ-Sprayed Dual-Functional Immunotherapeutic Gel for Colorectal Cancer Postsurgical Treatment. *Advanced Healthcare Materials*, **2021**, 10, e2100862	10.1	4
716	Manipulating Liver Bile Acid Signaling by Nanodelivery of Bile Acid Receptor Modulators for Liver Cancer Immunotherapy. *Nano Letters*, **2021**, 21, 6781-6791	11.5	0
715	Crucial Impact of Residue Chirality on the Gelation Process and Biodegradability of Thermoresponsive Polypeptide Hydrogels. *Biomacromolecules*, **2021**, 22, 3992-4003	6.9	4

714	Precise regulation of inflammation and immunosuppressive microenvironment for amplified photothermal/immunotherapy against tumour recurrence and metastasis. *Nano Today*, **2021**, 40, 101266	17.9	9
713	Highly Effective Crosslinker for Redox-Sensitive Gene Carriers. *Advances in Polymer Technology*, **2021**, 2021, 1-9	1.9	0
712	Biocompatible in situ-forming glycopolypeptide hydrogels. *Science China Technological Sciences*, **2020**, 63, 992-1004	3.5	4
711	Functional Polymer-Based Nerve Guide Conduits to Promote Peripheral Nerve Regeneration. *Advanced Materials Interfaces*, **2020**, 7, 2000225	4.6	22
710	Treatment of severe sepsis with nanoparticulate cell-free DNA scavengers. *Science Advances*, **2020**, 6, eaay7148	14.3	36
709	Bioactive polypeptide hydrogels modified with RGD and N-cadherin mimetic peptide promote chondrogenic differentiation of bone marrow mesenchymal stem cells. *Science China Chemistry*, **2020**, 63, 1100-1111	7.9	15
708	Supramolecular Self-Assembled Nanostructures for Cancer Immunotherapy. *Frontiers in Chemistry*, **2020**, 8, 380	5	13
707	Predicting the Loading Capability of mPEG-PDLLA to Hydrophobic Drugs Using Solubility Parameters *Chinese Journal of Chemistry*, **2020**, 38, 690-696	4.9	4
706	Thermosensitive Polypeptide Hydrogels Co-Loaded with Two Anti-Tumor Agents to Reduce Multi-Drug Resistance and Enhance Local Tumor Treatment. *Advanced Therapeutics*, **2020**, 3, 1900165	4.9	5
705	Nanotherapeutics for Immuno-Oncology: A Crossroad for New Paradigms. *Trends in Cancer*, **2020**, 6, 288-298	12.3	20
704	Rationally Designed Polymer Conjugate for Tumor-Specific Amplification of Oxidative Stress and Boosting Antitumor Immunity. *Nano Letters*, **2020**, 20, 2514-2521	11.5	75
703	Helix Self-Assembly Behavior of Amino Acid-Modified Camptothecin Prodrugs and Its Antitumor Effect. *ACS Applied Materials & Interfaces*, **2020**, 12, 7466-7476	9.5	12
702	Hypoxia-sensitive supramolecular nanogels for the cytosolic delivery of ribonuclease A as a breast cancer therapeutic. *Journal of Controlled Release*, **2020**, 320, 83-95	11.7	33
701	A Nanocomposite Vehicle Based on Metal-Organic Framework Nanoparticle Incorporated Biodegradable Microspheres for Enhanced Oral Insulin Delivery. *ACS Applied Materials & Interfaces*, **2020**, 12, 22581-22592	9.5	24
700	Poly(l-glutamic acid)-Based Zwitterionic Polymer in a Charge Conversional Shielding System for Gene Therapy of Malignant Tumors. *ACS Applied Materials & Interfaces*, **2020**, 12, 19295-19306	9.5	13
699	Injectable Click Polypeptide Hydrogels via Tetrazine-Norbornene Chemistry for Localized Cisplatin Release. *Polymers*, **2020**, 12,	4.5	3
698	Controlled synthesis of polypeptides. *Chinese Chemical Letters*, **2020**, 31, 3001-3014	8.1	33
697	A ROS-Responsive Aspirin Polymeric Prodrug for Modulation of Tumor Microenvironment and Cancer Immunotherapy. *CCS Chemistry*, **2020**, 2, 390-400	7.2	15

696	Synergistically Enhanced Mucoadhesive and Penetrable Polypeptide Nanogel for Efficient Drug Delivery to Orthotopic Bladder Cancer. *Research*, **2020**, 2020, 8970135	7.8	16
695	Synergistic tumor immunological strategy by combining tumor nanovaccine with gene-mediated extracellular matrix scavenger. *Biomaterials*, **2020**, 252, 120114	15.6	29
694	Electroactive composite scaffold with locally expressed osteoinductive factor for synergistic bone repair upon electrical stimulation. *Biomaterials*, **2020**, 230, 119617	15.6	100
693	Breaking the Si/Al Limit of Nanosized Zeolites: Promoting Catalytic Production of Lactide. *Chemistry of Materials*, **2020**, 32, 751-758	9.6	15
692	Neutralizing tumor-promoting inflammation with polypeptide-dexamethasone conjugate for microenvironment modulation and colorectal cancer therapy. *Biomaterials*, **2020**, 232, 119676	15.6	34
691	An immune cocktail therapy to realize multiple boosting of the cancer-immunity cycle by combination of drug/gene delivery nanoparticles. *Science Advances*, **2020**, 6,	14.3	32
690	Nanozyme-mediated cascade reaction based on metal-organic framework for synergetic chemo-photodynamic tumor therapy. *Journal of Controlled Release*, **2020**, 328, 631-639	11.7	21
689	A Multistage Cooperative Nanoplatform Enables Intracellular Co-Delivery of Proteins and Chemotherapeutics for Cancer Therapy. *Advanced Materials*, **2020**, 32, e2000013	24	48
688	Hierarchical supramolecular assembly of a single peptoid polymer into a planar nanobrush with two distinct molecular packing motifs. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 31639-31647	11.5	10
687	Antineoplastic Drug-Free Anticancer Strategy Enabled by Host-Defense-Peptides-Mimicking Synthetic Polypeptides. *Advanced Materials*, **2020**, 32, e2001108	24	28
686	Spatiotemporally Targeted Nanomedicine Overcomes Hypoxia-Induced Drug Resistance of Tumor Cells after Disrupting Neovasculature. *Nano Letters*, **2020**, 20, 6191-6198	11.5	51
685	FXIIIa substrate peptide decorated BLZ945 nanoparticles for specifically remodeling tumor immunity. *Biomaterials Science*, **2020**, 8, 5666-5676	7.4	5
684	Biomaterials: Functional Polymer-Based Nerve Guide Conduits to Promote Peripheral Nerve Regeneration (Adv. Mater. Interfaces 14/2020). *Advanced Materials Interfaces*, **2020**, 7, 2070081	4.6	3
683	Highly Enhanced Antitumor Immunity by a Three-Barreled Strategy of the l-Arginine-Promoted Nanovaccine and Gene-Mediated PD-L1 Blockade. *ACS Applied Materials & Interfaces*, **2020**, 12, 41127-41137	9.5	3
682	A novel GSH responsive poly(alpha-lipoic acid) nanocarrier bonding with the honokiol-DMXAA conjugate for combination therapy. *Science China Materials*, **2020**, 63, 307-315	7.1	6
681	Enhanced nanoparticle accumulation by tumor-acidity-activatable release of sildenafil to induce vasodilation. *Biomaterials Science*, **2020**, 8, 3052-3062	7.4	10
680	Two-dimensional nanosheets with high curcumin loading content for multimodal imaging-guided combined chemo-photothermal therapy. *Biomaterials*, **2019**, 223, 119470	15.6	23
679	Synthesis of PEGylated Salicylaldehyde Azine via Metal-free Click Chemistry for Cellular Imaging Applications. *Chemical Research in Chinese Universities*, **2019**, 35, 929-936	2.2	1

678	Porphyrin-based covalent organic framework nanoparticles for photoacoustic imaging-guided photodynamic and photothermal combination cancer therapy. *Biomaterials*, **2019**, 223, 119459	15.6	103
677	Combretastatin A4 Nanoparticles Combined with Hypoxia-Sensitive Imiquimod: A New Paradigm for the Modulation of Host Immunological Responses during Cancer Treatment. *Nano Letters*, **2019**, 19, 8021-8031	11.5	40
676	Enhanced local cancer therapy using a CA4P and CDDP co-loaded polypeptide gel depot. *Biomaterials Science*, **2019**, 7, 860-866	7.4	23
675	Selectively Potentiating Hypoxia Levels by Combretastatin A4 Nanomedicine: Toward Highly Enhanced Hypoxia-Activated Prodrug Tirapazamine Therapy for Metastatic Tumors. *Advanced Materials*, **2019**, 31, e1805955	24	103
674	Polymer scaffolds facilitate spinal cord injury repair. *Acta Biomaterialia*, **2019**, 88, 57-77	10.8	62
673	Gradiently degraded electrospun polyester scaffolds with cytostatic for urothelial carcinoma therapy. *Biomaterials Science*, **2019**, 7, 963-974	7.4	15
672	Immunomodulatory Nanosystems. *Advanced Science*, **2019**, 6, 1900101	13.6	147
671	Positive feedback nanoamplifier responded to tumor microenvironments for self-enhanced tumor imaging and therapy. *Biomaterials*, **2019**, 216, 119255	15.6	46
670	Mild synthesis of environment-friendly thermoplastic triblock copolymer elastomers through combination of ring-opening and RAFT polymerization. *Polymer Chemistry*, **2019**, 10, 3610-3620	4.9	10
669	An eximious and affordable GSH stimulus-responsive poly(□ipoic acid) nanocarrier bonding combretastatin A4 for tumor therapy. *Biomaterials Science*, **2019**, 7, 2803-2811	7.4	27
668	Co-administration of combretastatin A4 nanoparticles and sorafenib for systemic therapy of hepatocellular carcinoma. *Acta Biomaterialia*, **2019**, 92, 229-240	10.8	24
667	Injectable Cholesterol-Enhanced Stereocomplex Polylactide Thermogel Loading Chondrocytes for Optimized Cartilage Regeneration. *Advanced Healthcare Materials*, **2019**, 8, e1900312	10.1	57
666	PI3Kgamma Inhibitor Attenuates Immunosuppressive Effect of Poly(l-Glutamic Acid)-Combretastatin A4 Conjugate in Metastatic Breast Cancer. *Advanced Science*, **2019**, 6, 1900327	13.6	29
665	One-Pot Synthesis of Diblock Polyesters by Catalytic Terpolymerization of Lactide, Epoxides, and Anhydrides. *Macromolecules*, **2019**, 52, 3462-3470	5.5	30
664	Covalent Organic Nanosheets Integrated Heterojunction with Two Strategies To Overcome Hypoxic-Tumor Photodynamic Therapy. *Chemistry of Materials*, **2019**, 31, 3313-3323	9.6	75
663	Evaluation of Polymer Nanoformulations in Hepatoma Therapy by Established Rodent Models. *Theranostics*, **2019**, 9, 1426-1452	12.1	45
662	Electrospun polymer micro/nanofibers as pharmaceutical repositories for healthcare. *Journal of Controlled Release*, **2019**, 302, 19-41	11.7	158
661	Thermosensitive Hydrogels as Scaffolds for Cartilage Tissue Engineering. *Biomacromolecules*, **2019**, 20, 1478-1492	6.9	163

660	Tumor microenvironment as the "regulator" and "target" for gene therapy. *Journal of Gene Medicine*, **2019**, 21, e3088	3.5	27
659	Toughening modification of PLLA with PCL in the presence of PCL-b-PLLA diblock copolymers as compatibilizer. *Polymers for Advanced Technologies*, **2019**, 30, 963-972	3.2	16
658	A GSH-Gated DNA Nanodevice for Tumor-Specific Signal Amplification of microRNA and MR Imaging-Guided Theranostics. *Small*, **2019**, 15, e1903016	11	36
657	A Tumor-Microenvironment-Activated Nanozyme-Mediated Theranostic Nanoreactor for Imaging-Guided Combined Tumor Therapy. *Advanced Materials*, **2019**, 31, e1902885	24	143
656	Exploration of Fe-Phenol Complexes for Photothermal Therapy and Photoacoustic Imaging. *ACS Biomaterials Science and Engineering*, **2019**, 5, 4700-4707	5.5	17
655	Polymer Fiber Scaffolds for Bone and Cartilage Tissue Engineering. *Advanced Functional Materials*, **2019**, 29, 1903279	15.6	105
654	Conjugated tri-nuclear salen-Co complexes for the copolymerization of epoxides/CO2: cocatalyst-free catalysis. *Green Chemistry*, **2019**, 21, 4723-4731	10	20
653	A PEGylated alternating copolymer with oxidation-sensitive phenylboronic ester pendants for anticancer drug delivery. *Biomaterials Science*, **2019**, 7, 3898-3905	7.4	16
652	Combretastatin A4 Nanodrug-Induced MMP9 Amplification Boosts Tumor-Selective Release of Doxorubicin Prodrug. *Advanced Materials*, **2019**, 31, e1904278	24	61
651	Tissue Engineering: Polymer Fiber Scaffolds for Bone and Cartilage Tissue Engineering (Adv. Funct. Mater. 36/2019). *Advanced Functional Materials*, **2019**, 29, 1970246	15.6	18
650	Cyanine-Assisted Exfoliation of Covalent Organic Frameworks in Nanocomposites for Highly Efficient Chemo-Photothermal Tumor Therapy. *ACS Applied Materials & Interfaces*, **2019**, 11, 39503-39512	9.5	52
649	Multiantigenic Nanoformulations Activate Anticancer Immunity Depending on Size. *Advanced Functional Materials*, **2019**, 29, 1903391	15.6	23
648	Advances in nanomedicine for cancer starvation therapy. *Theranostics*, **2019**, 9, 8026-8047	12.1	73
647	Polymer-Mediated Penetration-Independent Cancer Therapy. *Biomacromolecules*, **2019**, 20, 4258-4271	6.9	30
646	Disease Immunotherapy: Immunomodulatory Nanosystems (Adv. Sci. 17/2019). *Advanced Science*, **2019**, 6, 1970100	13.6	7
645	Chiral Polypeptide Thermogels Induce Controlled Inflammatory Response as Potential Immunoadjuvants. *ACS Applied Materials & Interfaces*, **2019**, 11, 8725-8730	9.5	51
644	Zinc ion coordination significantly improved the transfection efficiency of low molecular weight polyethylenimine. *Biomaterials Science*, **2019**, 7, 1716-1728	7.4	10
643	Polymer Nanoplatforms at Work in Prostate Cancer Therapy. *Advanced Therapeutics*, **2019**, 2, 1800122	4.9	10

642	A Strategy of Killing Three Birds with One Stone for Cancer Therapy through Regulating the Tumor Microenvironment by HO-Responsive Gene Delivery System. *ACS Applied Materials & Interfaces* , **2019**, 11, 47785-47797	9.5	21
641	Engineered nanomedicines with enhanced tumor penetration. *Nano Today*, **2019**, 29, 100800	17.9	209
640	Multiantigenic Nanovaccines: Multiantigenic Nanoformulations Activate Anticancer Immunity Depending on Size (Adv. Funct. Mater. 49/2019). *Advanced Functional Materials*, **2019**, 29, 1970336	15.6	3
639	Dihydroartemisinin increases gemcitabine therapeutic efficacy in ovarian cancer by inducing reactive oxygen species. *Journal of Cellular Biochemistry*, **2019**, 120, 634-644	4.7	10
638	Pulmonary delivery by exploiting doxorubicin and cisplatin co-loaded nanoparticles for metastatic lung cancer therapy. *Journal of Controlled Release*, **2019**, 295, 153-163	11.7	61
637	Enhancing the Stability of Hydrogels by Doubling the Schiff Base Linkages. *Macromolecular Chemistry and Physics*, **2019**, 220, 1800484	2.6	14
636	Osteoinductive Agents-Incorporated Three-Dimensional Biphasic Polymer Scaffold for Synergistic Bone Regeneration. *ACS Biomaterials Science and Engineering*, **2019**, 5, 986-995	5.5	16
635	Efficient PD-L1 gene silence promoted by hyaluronidase for cancer immunotherapy. *Journal of Controlled Release*, **2019**, 293, 104-112	11.7	35
634	A disassembling strategy overcomes the EPR effect and renal clearance dilemma of the multifunctional theranostic nanoparticles for cancer therapy. *Biomaterials*, **2019**, 197, 284-293	15.6	62
633	Promoting cell growth on porous PLA microspheres through simple degradation methods. *Polymer Degradation and Stability*, **2019**, 161, 319-325	4.7	7
632	Electrospun polymer biomaterials. *Progress in Polymer Science*, **2019**, 90, 1-34	29.6	303
631	Polycations for Gene Delivery: Dilemmas and Solutions. *Bioconjugate Chemistry*, **2019**, 30, 338-349	6.3	41
630	Facile Synthesis of Resveratrol Nanogels with Enhanced Fluorescent Emission. *Macromolecular Bioscience*, **2019**, 19, e1800438	5.5	3
629	A reduction-sensitive thermo-responsive polymer: Synthesis, characterization, and application in controlled drug release. *European Polymer Journal*, **2018**, 101, 183-189	5.2	12
628	Self-Stabilized Hyaluronate Nanogel for Intracellular Codelivery of Doxorubicin and Cisplatin to Osteosarcoma. *Advanced Science*, **2018**, 5, 1700821	13.6	111
627	Antibacterial Hydrogels. *Advanced Science*, **2018**, 5, 1700527	13.6	409
626	Component effect of stem cell-loaded thermosensitive polypeptide hydrogels on cartilage repair. *Acta Biomaterialia*, **2018**, 73, 103-111	10.8	84
625	A polypeptide based podophyllotoxin conjugate for the treatment of multi drug resistant breast cancer with enhanced efficiency and minimal toxicity. *Acta Biomaterialia*, **2018**, 73, 388-399	10.8	33

624	Composite PLA/PEG/nHA/Dexamethasone Scaffold Prepared by 3D Printing for Bone Regeneration. *Macromolecular Bioscience*, **2018**, 18, e1800068	5.5	42
623	Mucoadhesive Cationic Polypeptide Nanogel with Enhanced Penetration for Efficient Intravesical Chemotherapy of Bladder Cancer. *Advanced Science*, **2018**, 5, 1800004	13.6	69
622	pH- and Amylase-Responsive Carboxymethyl Starch/Poly(2-isobutyl-acrylic acid) Hybrid Microgels as Effective Enteric Carriers for Oral Insulin Delivery. *Biomacromolecules*, **2018**, 19, 2123-2136	6.9	30
621	Gold Nanorods Electrostatically Binding Nucleic Acid Probe for In Vivo MicroRNA Amplified Detection and Photoacoustic Imaging-Guided Photothermal Therapy. *Advanced Functional Materials*, **2018**, 28, 1800490	15.6	73
620	Polymer micro/nanocarrier-assisted synergistic chemohormonal therapy for prostate cancer. *Biomaterials Science*, **2018**, 6, 1433-1444	7.4	8
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618	Advances in Stimuli-Responsive Polypeptide Nanogels. *Small Methods*, **2018**, 2, 1700307	12.8	33
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