

Xiao Yang

List of Publications by Year in descending order

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204
papers

6,066
citations

81900

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all docs

210
docs citations

210
times ranked

7387
citing authors

#	ARTICLE	IF	CITATIONS
1	Star polymers: Advances in biomedical applications. <i>Progress in Polymer Science</i> , 2015, 46, 55-85.	24.7	336
2	Hydroxyapatite-anchored dendrimer for in situ remineralization of human tooth enamel. <i>Biomaterials</i> , 2013, 34, 5036-5047.	11.4	158
3	Genetically engineered T cells for cancer immunotherapy. <i>Signal Transduction and Targeted Therapy</i> , 2019, 4, 35.	17.1	153
4	Aberrant Dynamic Functional Network Connectivity and Graph Properties in Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 2018, 9, 339.	2.6	126
5	Bioinspired intrafibrillar mineralization of human dentine by PAMAM dendrimer. <i>Biomaterials</i> , 2013, 34, 6738-6747.	11.4	122
6	Tannic acid-thioctic acid hydrogel: a novel injectable supramolecular adhesive gel for wound healing. <i>Green Chemistry</i> , 2021, 23, 1794-1804.	9.0	111
7	Advances in polymeric materials for dental applications. <i>Polymer Chemistry</i> , 2017, 8, 807-823.	3.9	101
8	A Highly Stretchable, Real-Time Self-Healable Hydrogel Adhesive Matrix for Tissue Patches and Flexible Electronics. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901423.	7.6	89
9	Viscoelasticity in natural tissues and engineered scaffolds for tissue reconstruction. <i>Acta Biomaterialia</i> , 2019, 97, 74-92.	8.3	88
10	Advances in pH-Sensitive Polymers for Smart Insulin Delivery. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700413.	3.9	82
11	Antibacterial and Biocompatible Cross-Linked Waterborne Polyurethanes Containing Gemini Quaternary Ammonium Salts. <i>Biomacromolecules</i> , 2018, 19, 279-287.	5.4	76
12	MicroRNA132 associated multimodal neuroimaging patterns in unmedicated major depressive disorder. <i>Brain</i> , 2018, 141, 916-926.	7.6	72
13	Nanozyme-Based Stretchable Hydrogel of Low Hysteresis with Antibacterial and Antioxidant Dual Functions for Closely Fitting and Wound Healing in Movable Parts. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	72
14	Regeneration of biomimetic hydroxyapatite on etched human enamel by anionic PAMAM template in vitro. <i>Archives of Oral Biology</i> , 2013, 58, 975-980.	1.8	69
15	Modulated regeneration of acid-etched human tooth enamel by a functionalized dendrimer that is an analog of amelogenin. <i>Acta Biomaterialia</i> , 2014, 10, 4437-4446.	8.3	67
16	Accelerated Bone Regeneration by MOF Modified Multifunctional Membranes through Enhancement of Osteogenic and Angiogenic Performance. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001369.	7.6	67
17	Preclinical Evaluation of Chimeric Antigen Receptor-Modified T Cells Specific to Epithelial Cell Adhesion Molecule for Treating Colorectal Cancer. <i>Human Gene Therapy</i> , 2019, 30, 402-412.	2.7	64
18	Biom mineralization of dentin. <i>Journal of Structural Biology</i> , 2019, 207, 115-122.	2.8	64

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19	Calcitonin-Loaded Thermosensitive Hydrogel for Long-Term Antiosteopenia Therapy. ACS Applied Materials & Interfaces, 2017, 9, 23428-23440.	8.0	63
20	Analysis of hair cortisol level in first-episodic and recurrent female patients with depression compared to healthy controls. Journal of Affective Disorders, 2015, 175, 299-302.	4.1	61
21	Recent developments and applications of bioinspired dendritic polymers. Polymer Chemistry, 2015, 6, 668-680.	3.9	61
22	Advances in biomineralization-inspired materials for hard tissue repair. International Journal of Oral Science, 2021, 13, 42.	8.6	54
23	Triclosan-loaded poly(amido amine) dendrimer for simultaneous treatment and remineralization of human dentine. Colloids and Surfaces B: Biointerfaces, 2014, 115, 237-243.	5.0	52
24	Zwitterionic PMCPâ€Modified Polycaprolactone Surface for Tissue Engineering: Antifouling, Cell Adhesion Promotion, and Osteogenic Differentiation Properties. Small, 2019, 15, e1903784.	10.0	52
25	Hypoxia promotes vasculogenic mimicry formation by vascular endothelial growth factor A mediating epithelialâ€mesenchymal transition in salivary adenoid cystic carcinoma. Cell Proliferation, 2019, 52, e12600.	5.3	52
26	Macroscopic Supramolecular Assembly to Fabricate 3D Ordered Structures: Towards Potential Tissue Scaffolds with Targeted Modification. Advanced Functional Materials, 2015, 25, 6851-6857.	14.9	51
27	Chemically Grafted Nanozyme Composite Cryogels to Enhance Antibacterial and Biocompatible Performance for Bioliquid Regulation and Adaptive Bacteria Trapping. ACS Nano, 2021, 15, 19672-19683.	14.6	50
28	Porphyromonas gingivalis Promotes 4-Nitroquinoline-1-Oxide-Induced Oral Carcinogenesis With an Alteration of Fatty Acid Metabolism. Frontiers in Microbiology, 2018, 9, 2081.	3.5	49
29	Anti-biofilm surfaces from mixed dopamine-modified polymer brushes: synergistic role of cationic and zwitterionic chains to resist <i>staphylococcus aureus</i> . Biomaterials Science, 2019, 7, 5369-5382.	5.4	49
30	A natural polymer based bioadhesive with self-healing behavior and improved antibacterial properties. Biomaterials Science, 2020, 8, 4346-4357.	5.4	49
31	Ultraâ€Stretchable, Variable Modulus, Shape Memory Multiâ€Purpose Low Hysteresis Hydrogel Derived from Solventâ€Induced Dynamic Micelle Seaâ€Island Structure. Advanced Functional Materials, 2021, 31, 2011259.	14.9	49
32	Hydrophobic recognition allows the glycosyltransferase UGT76G1 to catalyze its substrate in two orientations. Nature Communications, 2019, 10, 3214.	12.8	47
33	Effective dentin restorative material based on phosphate-terminated dendrimer as artificial protein. Colloids and Surfaces B: Biointerfaces, 2015, 128, 304-314.	5.0	46
34	Well-defined reducible cationic nanogels based on functionalized low-molecular-weight PGMA for effective pDNA and siRNA delivery. Acta Biomaterialia, 2016, 41, 282-292.	8.3	45
35	Antibacterial and anti-biofouling coating on hydroxyapatite surface based on peptide-modified tannic acid. Colloids and Surfaces B: Biointerfaces, 2017, 160, 136-143.	5.0	45
36	Bioinspired by cell membranes: functional polymeric materials for biomedical applications. Materials Chemistry Frontiers, 2020, 4, 750-774.	5.9	45

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37	Remineralization of Demineralized Dentin Induced by Amine-terminated PAMAM Dendrimer. <i>Macromolecular Materials and Engineering</i> , 2015, 300, 107-117.	3.6	44
38	Synthesis and characterization of biodegradable lysine-based waterborne polyurethane for soft tissue engineering applications. <i>Biomaterials Science</i> , 2016, 4, 1682-1690.	5.4	43
39	A Universal and Ultrastable Mineralization Coating Bioinspired from Biofilms. <i>Advanced Functional Materials</i> , 2018, 28, 1802730.	14.9	43
40	Natural protein bioinspired materials for regeneration of hard tissues. <i>Journal of Materials Chemistry B</i> , 2020, 8, 2199-2215.	5.8	43
41	Gemini quaternary ammonium salt waterborne biodegradable polyurethanes with antibacterial and biocompatible properties. <i>Materials Chemistry Frontiers</i> , 2017, 1, 361-368.	5.9	42
42	From molecules to macrostructures: recent development of bioinspired hard tissue repair. <i>Biomaterials Science</i> , 2017, 5, 1435-1449.	5.4	40
43	Research progress in nanozyme-based composite materials for fighting against bacteria and biofilms. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 198, 111465.	5.0	40
44	Effect of Molecular Weight and Arm Number on the Growth and pH-Dependent Morphology of Star Poly[2-(dimethylamino)ethyl methacrylate]/Poly(styrenesulfonate) Multilayer Films. <i>Macromolecules</i> , 2010, 43, 9087-9093.	4.8	39
45	8DSS-promoted remineralization of demineralized dentin in vitro. <i>Journal of Materials Chemistry B</i> , 2015, 3, 6763-6772.	5.8	39
46	A thermo-sensitive injectable hydroxypropyl chitin hydrogel for sustained salmon calcitonin release with enhanced osteogenesis and hypocalcemic effects. <i>Journal of Materials Chemistry B</i> , 2020, 8, 270-281.	5.8	39
47	Social support and clinical improvement in COVID-19 positive patients in China. <i>Nursing Outlook</i> , 2020, 68, 830-837.	2.6	38
48	Sex differences in the clinical characteristics and brain gray matter volume alterations in unmedicated patients with major depressive disorder. <i>Scientific Reports</i> , 2017, 7, 2515.	3.3	37
49	One-step phosphorylated poly(amide-amine) dendrimer loaded with apigenin for simultaneous remineralization and antibacterial of dentine. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 172, 760-768.	5.0	37
50	Treating LRRK2-related Parkinson's Disease by Inhibiting the mTOR Signaling Pathway to Restore Autophagy. <i>Advanced Functional Materials</i> , 2021, 31, 2105152.	14.9	37
51	Gray matter volume abnormalities were associated with sustained attention in unmedicated major depression. <i>Comprehensive Psychiatry</i> , 2015, 63, 71-79.	3.1	36
52	NR2F1 contributes to cancer cell dormancy, invasion and metastasis of salivary adenoid cystic carcinoma by activating CXCL12/CXCR4 pathway. <i>BMC Cancer</i> , 2019, 19, 743.	2.6	36
53	PRRX1 Regulates Cellular Phenotype Plasticity and Dormancy of Head and Neck Squamous Cell Carcinoma Through miR-642b-3p. <i>Neoplasia</i> , 2019, 21, 216-229.	5.3	36
54	Synthesis and antibacterial characterization of gemini surfactant monomers and copolymers. <i>Polymer Chemistry</i> , 2012, 3, 907.	3.9	35

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55	A novel cellulose hydrogel prepared from its ionic liquid solution. <i>Science Bulletin</i> , 2009, 54, 1622-1625.	9.0	33
56	Recent Advances of Self-Healing Polymer Materials via Supramolecular Forces for Biomedical Applications. <i>Biomacromolecules</i> , 2022, 23, 641-660.	5.4	32
57	Bio-inspired peptide decorated dendrimers for a robust antibacterial coating on hydroxyapatite. <i>Polymer Chemistry</i> , 2017, 8, 4264-4279.	3.9	31
58	Bioinspired heptapeptides as functionalized mineralization inducers with enhanced hydroxyapatite affinity. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1984-1994.	5.8	31
59	Functional network connectivity (FNC)-based generative adversarial network (GAN) and its applications in classification of mental disorders. <i>Journal of Neuroscience Methods</i> , 2020, 341, 108756.	2.5	31
60	Wool keratin: A novel building block for layer-by-layer self-assembly. <i>Journal of Colloid and Interface Science</i> , 2009, 336, 756-760.	9.4	30
61	A novel insulin oral delivery system assisted by cationic β -cyclodextrin polymers. <i>Journal of Applied Polymer Science</i> , 2010, 115, 1371-1379.	2.6	30
62	Effective dentinal tubule occlusion induced by polyhydroxy-terminated PAMAM dendrimer in vitro. <i>RSC Advances</i> , 2014, 4, 43496-43503.	3.6	30
63	Phosphorylated dendronized poly(amido amine)s as protein analogues for directing hydroxylapatite biomineralization. <i>Chemical Communications</i> , 2014, 50, 6491.	4.1	30
64	Cp1-11 peptide/insulin complex loaded pH-responsive nanoparticles with enhanced oral bioactivity. <i>International Journal of Pharmaceutics</i> , 2019, 562, 23-30.	5.2	30
65	Recent Advances in Injectable Dual Crosslinking Hydrogels for Biomedical Applications. <i>Macromolecular Bioscience</i> , 2021, 21, e2100109.	4.1	30
66	The remineralization effectiveness of PAMAM dendrimer with different terminal groups on demineralized dentin <i>in vitro</i> . <i>RSC Advances</i> , 2017, 7, 54947-54955.	3.6	29
67	Promotion of the osteogenic activity of an antibacterial polyaniline coating by electrical stimulation. <i>Biomaterials Science</i> , 2019, 7, 4730-4737.	5.4	29
68	Fabrication of Double-Network Hydrogels with Universal Adhesion and Superior Extensibility and Cytocompatibility by One-Pot Method. <i>Biomacromolecules</i> , 2020, 21, 4699-4708.	5.4	29
69	Cellular Phenotype Plasticity in Cancer Dormancy and Metastasis. <i>Frontiers in Oncology</i> , 2018, 8, 505.	2.8	28
70	Analysis of voxel-mirrored homotopic connectivity in medication-free, current major depressive disorder. <i>Journal of Affective Disorders</i> , 2018, 240, 171-176.	4.1	28
71	<p>The level of IL-6 was associated with sleep disturbances in patients with major depressive disorder</p>. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 1695-1700.	2.2	28
72	Polyvinyl alcohol/chitosan composite hydrogels with sustained release of traditional Tibetan medicine for promoting chronic diabetic wound healing. <i>Biomaterials Science</i> , 2021, 9, 3821-3829.	5.4	28

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73	Gellan gum/alginate-based Ca-enriched acellular bilayer hydrogel with robust interface bonding for effective osteochondral repair. <i>Carbohydrate Polymers</i> , 2021, 270, 118382.	10.2	28
74	Substrate-anchored and degradation-sensitive anti-inflammatory coatings for implant materials. <i>Scientific Reports</i> , 2015, 5, 11105.	3.3	27
75	Increased miR-132 level is associated with visual memory dysfunction in patients with depression. <i>Neuropsychiatric Disease and Treatment</i> , 2016, Volume 12, 2905-2911.	2.2	27
76	Supramolecular nanoparticles of calcitonin and dipeptide for long-term controlled release. <i>Journal of Controlled Release</i> , 2017, 256, 182-192.	9.9	27
77	8DSS peptide induced effective dentinal tubule occlusion in vitro. <i>Dental Materials</i> , 2018, 34, 629-640.	3.5	27
78	Hexapeptide-conjugated calcitonin for targeted therapy of osteoporosis. <i>Journal of Controlled Release</i> , 2019, 304, 39-50.	9.9	27
79	Hierarchical mesoporous silica nanoparticles for tailorable drug release. <i>International Journal of Pharmaceutics</i> , 2016, 511, 65-72.	5.2	26
80	Multifunctional Biomedical Materials Derived from Biological Membranes. <i>Advanced Materials</i> , 2022, 34, e2107406.	21.0	26
81	Multifunctional hydrogels based on β -cyclodextrin with both biomineralization and anti-inflammatory properties. <i>Carbohydrate Polymers</i> , 2014, 102, 869-876.	10.2	25
82	Bioinspired from Salivary Acquired Pellicle: A Multifunctional Coating for Biominerals. <i>Chemistry of Materials</i> , 2017, 29, 5663-5670.	6.7	25
83	White Matter Abnormalities in Major Depression Biotypes Identified by Diffusion Tensor Imaging. <i>Neuroscience Bulletin</i> , 2019, 35, 867-876.	2.9	25
84	Reward Processing in Novelty Seekers: A Transdiagnostic Psychiatric Imaging Biomarker. <i>Biological Psychiatry</i> , 2021, 90, 529-539.	1.3	25
85	An instant, repeatable and universal supramolecular adhesive based on natural small molecules for dry/wet environments. <i>Chemical Engineering Journal</i> , 2022, 442, 136206.	12.7	25
86	Cartilage-Inspired Hydrogel with Mechanical Adaptability, Controllable Lubrication, and Inflammation Regulation Abilities. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 27360-27370.	8.0	25
87	Staged self-assembly of PAMAM dendrimers into macroscopic aggregates with a microribbon structure similar to that of amelogenin. <i>Soft Matter</i> , 2013, 9, 7553.	2.7	24
88	Bioinspired Peptide-Decorated Tannic Acid for in Situ Remineralization of Tooth Enamel: In Vitro and in Vivo Evaluation. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 3553-3562.	5.2	24
89	Plasma complement component 4 increases in patients with major depressive disorder. <i>Neuropsychiatric Disease and Treatment</i> , 2018, Volume 14, 37-41.	2.2	24
90	Inhibition of the fibrillation of highly amyloidogenic human calcitonin by cucurbit[7]uril with improved bioactivity. <i>Acta Biomaterialia</i> , 2018, 78, 178-188.	8.3	24

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91	Albumin-Modified Cationic Nanocarriers To Potentially Create a New Platform for Drug Delivery Systems. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 16421-16429.	8.0	24
92	Two-in-one strategy: a remineralizing and anti-adhesive coating against demineralized enamel. <i>International Journal of Oral Science</i> , 2020, 12, 27.	8.6	24
93	Nanocarriers with dual pH-sensitivity for enhanced tumor cell uptake and rapid intracellular drug release. <i>RSC Advances</i> , 2014, 4, 30780.	3.6	23
94	Anatomical and functional brain abnormalities in unmedicated major depressive disorder. <i>Neuropsychiatric Disease and Treatment</i> , 2015, 11, 2415.	2.2	23
95	Inspired by nonenveloped viruses escaping from endo-lysosomes: a pH-sensitive polyurethane micelle for effective intracellular trafficking. <i>Nanoscale</i> , 2016, 8, 7711-7722.	5.6	23
96	Dual pH-responsive micelles with both charge-conversional property and hydrophobicity-hydrophilic transition for effective cellular uptake and intracellular drug release. <i>Polymer Chemistry</i> , 2016, 7, 2202-2208.	3.9	23
97	Preparation and antifouling properties of 2-(meth-acryloyloxy)ethyl cholinephosphate based polymers modified surface with different molecular architectures by ATRP. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 156, 87-94.	5.0	23
98	Preparation and characterisation of a gellan gum-based hydrogel enabling osteogenesis and inhibiting <i>Enterococcus faecalis</i> . <i>International Journal of Biological Macromolecules</i> , 2020, 165, 2964-2973.	7.5	23
99	Ordered Conformation-Regulated Vesicular Membrane Permeability. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22529-22536.	13.8	23
100	A zwitterionic surface with general cell-adhesive and protein-resistant properties. <i>RSC Advances</i> , 2015, 5, 76216-76220.	3.6	22
101	Post-Crosslinked Polyurethanes with Excellent Shape Memory Property. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700450.	3.9	22
102	Sulfonated glycosaminoglycan bioinspired carbon dots for effective cellular labelling and promotion of the differentiation of mesenchymal stem cells. <i>Journal of Materials Chemistry B</i> , 2020, 8, 5655-5666.	5.8	22
103	Recent advances of zwitterionic-based topological polymers for biomedical applications. <i>Journal of Materials Chemistry B</i> , 2022, 10, 2338-2356.	5.8	22
104	Cucurbit[7]-assisted sustained release of human calcitonin from thermosensitive block copolymer hydrogel. <i>International Journal of Pharmaceutics</i> , 2017, 527, 52-60.	5.2	21
105	Effect and Stability of Poly(Amido Amine)-Induced Biomineralization on Dentinal Tubule Occlusion. <i>Materials</i> , 2017, 10, 384.	2.9	21
106	Multifunctional Biomaterial Coating Based on Bio-Inspired Polyphosphate and Lysozyme Supramolecular Nanofilm. <i>Biomacromolecules</i> , 2018, 19, 1979-1989.	5.4	21
107	Universal and biocompatible hydroxyapatite coating induced by phytic acid-metal complex multilayer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 169, 478-485.	5.0	21
108	A stimuli-responsive insulin delivery system based on reversible phenylboronate modified cyclodextrin with glucose triggered host-guest interaction. <i>International Journal of Pharmaceutics</i> , 2018, 548, 649-658.	5.2	21

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109	Bioinspired enamel-like oriented minerals on general surfaces: towards improved mechanical properties. <i>Journal of Materials Chemistry B</i> , 2019, 7, 5237-5244.	5.8	21
110	Keratin-based wound dressings: From waste to wealth. <i>International Journal of Biological Macromolecules</i> , 2022, 211, 183-197.	7.5	21
111	Multilayer Choline Phosphate Molecule Modified Surface with Enhanced Cell Adhesion but Resistance to Protein Adsorption. <i>Langmuir</i> , 2017, 33, 8295-8301.	3.5	20
112	A self-defensive bilayer hydrogel coating with bacteria triggered switching from cell adhesion to antibacterial adhesion. <i>Polymer Chemistry</i> , 2017, 8, 5344-5353.	3.9	20
113	MIF promotes perineural invasion through EMT in salivary adenoid cystic carcinoma. <i>Molecular Carcinogenesis</i> , 2019, 58, 898-912.	2.7	20
114	Proprotein convertase subtilisin/kexin 9 inhibitors in reducing cardiovascular outcomes: a systematic review and meta-analysis. <i>Heart</i> , 2019, 105, heartjnl-2019-314763.	2.9	20
115	Programmed antibacterial and mineralization therapy for dental caries based on zinc-substituted hydroxyapatite/ alendronate-grafted polyacrylic acid hybrid material. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 194, 111206.	5.0	20
116	Electroconvulsive therapy treatment responsive multimodal brain networks. <i>Human Brain Mapping</i> , 2020, 41, 1775-1785.	3.6	20
117	A Comparison of Functional Features in Chinese and US Mobile Apps for Diabetes Self-Management: A Systematic Search in App Stores and Content Analysis. <i>JMIR MHealth and UHealth</i> , 2019, 7, e13971.	3.7	20
118	Overexpression Cathepsin D Contributes to Perineural Invasion of Salivary Adenoid Cystic Carcinoma. <i>Frontiers in Oncology</i> , 2018, 8, 492.	2.8	19
119	Evidence for excessive osteoclast activation in SIRT6 null mice. <i>Scientific Reports</i> , 2018, 8, 10992.	3.3	19
120	Advances in biomolecule inspired polymeric material decorated interfaces for biological applications. <i>Biomaterials Science</i> , 2019, 7, 3984-3999.	5.4	19
121	Co-treatment of buspirone with atypical antipsychotic drugs (AAPDs) improved neurocognitive function in chronic schizophrenia. <i>Schizophrenia Research</i> , 2019, 209, 135-140.	2.0	19
122	Heterogenous hydrogel mimicking the osteochondral ECM applied to tissue regeneration. <i>Journal of Materials Chemistry B</i> , 2021, 9, 8646-8658.	5.8	19
123	Toward High Sensitivity: Perspective on Colorimetric Photonic Crystal Sensors. <i>Analytical Chemistry</i> , 2022, 94, 9497-9507.	6.5	19
124	A novel binder-sulfonated polystyrene for the sulfur cathode of Li-S batteries. <i>Ionics</i> , 2017, 23, 2251-2258.	2.4	18
125	Cathepsin B defines leader cells during the collective invasion of salivary adenoid cystic carcinoma. <i>International Journal of Oncology</i> , 2019, 54, 1233-1244.	3.3	18
126	A facile strategy to construct silk fibroin based GTR membranes with appropriate mechanical performance and enhanced osteogenic capacity. <i>Journal of Materials Chemistry B</i> , 2020, 8, 10407-10415.	5.8	18

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127	Wood-Derived Hybrid Scaffold with Highly Anisotropic Features on Mechanics and Liquid Transport toward Cell Migration and Alignment. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 17957-17966.	8.0	18
128	Fabrication of fluorescent hybrid nanomaterials based on carbon dots and its applications for improving the selective detection of Fe (III) in different matrices and cellular imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 246, 119033.	3.9	18
129	Detecting human articular cartilage degeneration in its early stage with polarization-sensitive optical coherence tomography. <i>Biomedical Optics Express</i> , 2020, 11, 2745.	2.9	18
130	Controlled co-delivery nanocarriers based on mixed micelles formed from cyclodextrin-conjugated and cross-linked copolymers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 123, 486-492.	5.0	17
131	Physiological pH-triggered morphological transition of amphiphilic block copolymer self-assembly. <i>Journal of Polymer Research</i> , 2014, 21, 1.	2.4	17
132	Exenatide in obese or overweight patients without diabetes: A systematic review and meta-analyses of randomized controlled trials. <i>International Journal of Cardiology</i> , 2016, 219, 293-300.	1.7	17
133	Spatiotemporally controlled calcitonin delivery: Long-term and targeted therapy of skeletal diseases. <i>Journal of Controlled Release</i> , 2021, 338, 486-504.	9.9	17
134	Zwitterionic polymer modified xanthan gum with collagen II-binding capability for lubrication improvement and ROS scavenging. <i>Carbohydrate Polymers</i> , 2021, 274, 118672.	10.2	17
135	Salivary acquired pellicle-inspired DpSpSEEKC peptide for the restoration of demineralized tooth enamel. <i>Biomedical Materials (Bristol)</i> , 2017, 12, 025007.	3.3	16
136	NUMB maintains bone mass by promoting degradation of PTEN and GLI1 via ubiquitination in osteoblasts. <i>Bone Research</i> , 2018, 6, 32.	11.4	16
137	A glassy carbon electrode modified with molecularly imprinted poly(aniline boronic acid) coated onto carbon nanotubes for potentiometric sensing of sialic acid. <i>Mikrochimica Acta</i> , 2019, 186, 270.	5.0	16
138	The relevance of transdiagnostic shared networks to the severity of symptoms and cognitive deficits in schizophrenia: a multimodal brain imaging fusion study. <i>Translational Psychiatry</i> , 2020, 10, 149.	4.8	16
139	Overall Structure Construction of an Intervertebral Disk Based on Highly Anisotropic Wood Hydrogel Composite Materials with Mechanical Matching and Buckling Buffering. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 15709-15719.	8.0	16
140	Effective in situ repair and bacteriostatic material of tooth enamel based on salivary acquired pellicle inspired oligomeric procyanidins. <i>Polymer Chemistry</i> , 2016, 7, 6761-6769.	3.9	15
141	IL-18-dependent and independent pathways account for IL-18-enhanced antitumor ability of CAR ⁺ cells. <i>FASEB Journal</i> , 2020, 34, 1768-1782.	0.5	15
142	Zwitterionic PMCP-functionalized titanium surface resists protein adsorption, promotes cell adhesion, and enhances osteogenic activity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 206, 111928.	5.0	15
143	A Stable Cell Membrane-Based Coating with Antibiofouling and Macrophage Immunoregulatory Properties for Implants at the Macroscopic Level. <i>Chemistry of Materials</i> , 2021, 33, 7994-8006.	6.7	15
144	A relative value method for measuring and evaluating neonatal cardiac reserve. <i>Indian Journal of Pediatrics</i> , 2010, 77, 661-664.	0.8	14

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145	Synthesis and electrochemical performance of micro-mesoporous carbon-sulfur composite cathode for Li-S batteries. <i>Ionics</i> , 2017, 23, 2951-2960.	2.4	14
146	Simultaneous Improvement of Oxidative and Hydrolytic Resistance of Polycarbonate Urethanes Based on Polydimethylsiloxane/Poly(hexamethylene carbonate) Mixed Macrodiols. <i>Biomacromolecules</i> , 2018, 19, 2137-2145.	5.4	14
147	Macrophage migration inhibitory factor promotes the invasion and metastasis of oral squamous cell carcinoma through matrix metalloproteinase-9. <i>Molecular Carcinogenesis</i> , 2019, 58, 1809-1821.	2.7	14
148	Biomimetic synthesis of chondroitin sulfate-analogue hydrogels for regulating osteogenic and chondrogenic differentiation of bone marrow mesenchymal stem cells. <i>Materials Science and Engineering C</i> , 2020, 117, 111368.	7.3	14
149	Direct Current Stimulation for Improved Osteogenesis of MC3T3 Cells Using Mineralized Conductive Polyaniline. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 852-861.	5.2	14
150	Virus-Like Iron Oxide Minerals Inspired by Magnetotactic Bacteria: Towards an Outstanding Photothermal Superhydrophobic Platform on Universal Substrates. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	14
151	Glucose-responsive micelles for insulin release. <i>Journal of Controlled Release</i> , 2015, 213, e122-e123.	9.9	13
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