

# Xiao Yang

## List of Publications by Year in descending order

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204  
papers

6,066  
citations

81900

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133252

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210  
all docs

210  
docs citations

210  
times ranked

7387  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinct functions of CAR-T cells possessing a dectin-1 intracellular signaling domain. <i>Gene Therapy</i> , 2023, 30, 411-420.	4.5	3
2	Multifunctional Biomedical Materials Derived from Biological Membranes. <i>Advanced Materials</i> , 2022, 34, e2107406.	21.0	26
3	Zwitterionic choline phosphate conjugated folate-poly (ethylene glycol): a general decoration of erythrocyte membrane-coated nanoparticles for enhanced tumor-targeting drug delivery. <i>Journal of Materials Chemistry B</i> , 2022, 10, 2497-2503.	5.8	6
4	Recent advances of zwitterionic-based topological polymers for biomedical applications. <i>Journal of Materials Chemistry B</i> , 2022, 10, 2338-2356.	5.8	22
5	Applications of tetrahedral DNA nanostructures in wound repair and tissue regeneration. <i>Burns and Trauma</i> , 2022, 10, tkac006.	4.9	8
6	Recent Advances of Self-Healing Polymer Materials via Supramolecular Forces for Biomedical Applications. <i>Biomacromolecules</i> , 2022, 23, 641-660.	5.4	32
7	A silk fibroin based bioadhesive with synergistic photothermal-reinforced antibacterial activity. <i>International Journal of Biological Macromolecules</i> , 2022, 209, 608-617.	7.5	13
8	Positive Neuroplastic Effect of DNA Framework Nucleic Acids on Neuropsychiatric Diseases. , 2022, 4, 665-674.		6
9	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
10	Polypeptide coatings on biominerals with superior antimicrobial and antifouling properties inspired by human salivary proteins. <i>Applied Materials Today</i> , 2022, 27, 101446.	4.3	1
11	Poly(lactic acid) film surface functionalized by zwitterionic poly[2-(methacryloyloxy)ethyl choline phosphate] with improved biocompatibility. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 214, 112461.	5.0	5
12	Self-Organized Spatiotemporal Mineralization of Hydrogel: A Simulant of Osteon. <i>Small</i> , 2022, 18, e2106649.	10.0	8
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	Gellan gum modified hyaluronic acid hydrogels as viscosupplements with lubrication maintenance and enzymatic resistance. <i>Journal of Materials Chemistry B</i> , 2022, 10, 4479-4490.	5.8	6
15	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
16	Keratin-based wound dressings: From waste to wealth. <i>International Journal of Biological Macromolecules</i> , 2022, 211, 183-197.	7.5	21
17	Cartilage-Inspired Hydrogel with Mechanical Adaptability, Controllable Lubrication, and Inflammation Regulation Abilities. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 27360-27370.	8.0	25
18	Toward High Sensitivity: Perspective on Colorimetric Photonic Crystal Sensors. <i>Analytical Chemistry</i> , 2022, 94, 9497-9507.	6.5	19

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19	Recent Progress on Bioinspired Antibacterial Surfaces for Biomedical Application. <i>Biomimetics</i> , 2022, 7, 88.	3.3	12
20	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
21	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
22	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
23	Supramolecular nanoassemblies of salmon calcitonin and aspartame for fibrillation inhibition and osteogenesis improvement. <i>International Journal of Pharmaceutics</i> , 2021, 593, 120171.	5.2	4
24	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
25	A mussel-bioinspired multi-functional hyperbranched polymeric coating with integrated antibacterial and antifouling activities for implant interface modification. <i>Polymer Chemistry</i> , 2021, 12, 3413-3426.	3.9	12
26	Mussel-inspired self-assembly engineered implant coatings for synergistic anti-infection and osteogenesis acceleration. <i>Journal of Materials Chemistry B</i> , 2021, 9, 8501-8511.	5.8	12
27	Sulfated alginate based complex for sustained calcitonin delivery and enhanced osteogenesis. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 035022.	3.3	4
28	Ultra-stretchable, Variable Modulus, Shape Memory Multi-Purpose Low Hysteresis Hydrogel Derived from Solvent-Induced Dynamic Micelle Sea-Island Structure. <i>Advanced Functional Materials</i> , 2021, 31, 2011259.	14.9	49
29	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 &amp; Interfaces</i> , 2021, 13, 15709-15719.	8.0	16
30	Recent Advances in Injectable Dual Crosslinking Hydrogels for Biomedical Applications. <i>Macromolecular Bioscience</i> , 2021, 21, e2100109.	4.1	30
31	Inhibition of DEC2 is necessary for exiting cell dormancy in salivary adenoid cystic carcinoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 169.	8.6	5
32	Subtypes of depression characterized by different cognitive decline and brain activity alterations. <i>Journal of Psychiatric Research</i> , 2021, 138, 413-419.	3.1	9
33	Biomineral interface with superior cell adhesive and antibacterial properties based on enzyme-triggered digestion of saliva acquired pellicle-inspired polypeptide coatings. <i>Chemical Engineering Journal</i> , 2021, 415, 128955.	12.7	12
34	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
35	Ordered Conformation-Regulated Vesicular Membrane Permeability. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22529-22536.	13.8	23
36	Plasma Metabolomics Profiling of Metabolic Pathways Affected by Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 2021, 12, 644555.	2.6	11

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37	Ordered Conformation-Regulated Vesicular Membrane Permeability. <i>Angewandte Chemie</i> , 2021, 133, 22703-22710.	2.0	2
38	Reward Processing in Novelty Seekers: A Transdiagnostic Psychiatric Imaging Biomarker. <i>Biological Psychiatry</i> , 2021, 90, 529-539.	1.3	25
39	Changes in Regional Homogeneity of Medication-Free Major Depressive Disorder Patients With Different Onset Ages. <i>Frontiers in Psychiatry</i> , 2021, 12, 713614.	2.6	7
40	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
41	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
42	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
43	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
44	Heterogenous hydrogel mimicking the osteochondral ECM applied to tissue regeneration. <i>Journal of Materials Chemistry B</i> , 2021, 9, 8646-8658.	5.8	19
45	Functional biomedical materials derived from proteins in the acquired salivary pellicle. <i>Journal of Materials Chemistry B</i> , 2021, 9, 6507-6520.	5.8	5
46	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
47	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
48	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
49	Advances in biomineralization-inspired materials for hard tissue repair. <i>International Journal of Oral Science</i> , 2021, 13, 42.	8.6	54
50	Chemically Grafted Nanozyme Composite Cryogels to Enhance Antibacterial and Biocompatible Performance for Bioliquid Regulation and Adaptive Bacteria Trapping. <i>ACS Nano</i> , 2021, 15, 19672-19683.	14.6	50
51	IL-18-dependent and independent pathways account for IL-18-enhanced antitumor ability of CAR-T cells. <i>FASEB Journal</i> , 2020, 34, 1768-1782.	0.5	15
52	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
53	Bioinspired by cell membranes: functional polymeric materials for biomedical applications. <i>Materials Chemistry Frontiers</i> , 2020, 4, 750-774.	5.9	45
54	Biomineralization and osteogenic differentiation modulated by substrate stiffness. <i>European Polymer Journal</i> , 2020, 122, 109395.	5.4	9

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55	Poly[2-(methacryloyloxy)ethyl choline phosphate] functionalized polylactic acid film with improved degradation resistance both in vitro and in vivo. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 185, 110630.	5.0	9
56	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
57	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
58	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
59	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
60	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
61	Social support and clinical improvement in COVID-19 positive patients in China. <i>Nursing Outlook</i> , 2020, 68, 830-837.	2.6	38
62	Enhancement of the antitumor effect of HER2-directed CAR-T cells through blocking epithelial-mesenchymal transition in tumor cells. <i>FASEB Journal</i> , 2020, 34, 11185-11199.	0.5	8
63	Bioinspired by both mussel foot protein and bone sialoprotein: universal adhesive coatings for the promotion of mineralization and osteogenic differentiation. <i>Polymer Chemistry</i> , 2020, 11, 4995-5004.	3.9	6
64	Cell-Membrane-Targeted Drug Delivery System Based on Choline-Phosphate-Functionalized $\beta$ -Cyclodextrin. <i>Macromolecular Bioscience</i> , 2020, 20, e2000069.	4.1	3
65	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
66	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
67	Thermosensitive Polysaccharide Hydrogel As a Versatile Platform for Prolonged Salmon Calcitonin Release and Calcium Regulation. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 4077-4086.	5.2	11
68	Wood-Derived Hybrid Scaffold with Highly Anisotropic Features on Mechanics and Liquid Transport toward Cell Migration and Alignment. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 17957-17966.	8.0	18
69	A natural polymer based bioadhesive with self-healing behavior and improved antibacterial properties. <i>Biomaterials Science</i> , 2020, 8, 4346-4357.	5.4	49
70	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
71	Hyaluronic acid bioinspired polymers for the regulation of cell chondrogenic and osteogenic differentiation. <i>International Journal of Biological Macromolecules</i> , 2020, 161, 1011-1020.	7.5	7
72	From kPa to MPa: An Environmentally Friendly Way to Prepare a Polysaccharide Hydrogel with Tunable Mechanical Properties. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 4829-4834.	3.7	7

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73	Natural protein bioinspired materials for regeneration of hard tissues. <i>Journal of Materials Chemistry B</i> , 2020, 8, 2199-2215.	5.8	43
74	Fabrication of a multifunctional hydrogel with a robust interface bioinspired by the structure of the dentogingival junction. <i>Chemical Communications</i> , 2020, 56, 3633-3636.	4.1	4
75	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
76	Electroconvulsive therapy treatment responsive multimodal brain networks. <i>Human Brain Mapping</i> , 2020, 41, 1775-1785.	3.6	20
77	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
78	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
79	Perceived psychological stress and associated factors in the early stages of the coronavirus disease 2019 (COVID-19) epidemic: Evidence from the general Chinese population. <i>PLoS ONE</i> , 2020, 15, e0243605.	2.5	13
80	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
81	Viscoelasticity in natural tissues and engineered scaffolds for tissue reconstruction. <i>Acta Biomaterialia</i> , 2019, 97, 74-92.	8.3	88
82	Advances in biomolecule inspired polymeric material decorated interfaces for biological applications. <i>Biomaterials Science</i> , 2019, 7, 3984-3999.	5.4	19
83	<p>Antipsychotics and risk of natural death in patients with schizophrenia</p>. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 1863-1871.	2.2	12
84	Hydrophobic recognition allows the glycosyltransferase UGT76G1 to catalyze its substrate in two orientations. <i>Nature Communications</i> , 2019, 10, 3214.	12.8	47
85	&lt;p&gt;The level of IL-6 was associated with sleep disturbances in patients with major depressive disorder&lt;/p&gt;. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 1695-1700.	2.2	28
86	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
87	Bioinspired from mussel and salivary acquired pellicle: a universal dual-functional polypeptide coating for implant materials. <i>Materials Today Chemistry</i> , 2019, 14, 100205.	3.5	12
88	Zwitterionic PMCP-Modified Polycaprolactone Surface for Tissue Engineering: Antifouling, Cell Adhesion Promotion, and Osteogenic Differentiation Properties. <i>Small</i> , 2019, 15, e1903784.	10.0	52
89	Promotion of the osteogenic activity of an antibacterial polyaniline coating by electrical stimulation. <i>Biomaterials Science</i> , 2019, 7, 4730-4737.	5.4	29
90	Genetically engineered T cells for cancer immunotherapy. <i>Signal Transduction and Targeted Therapy</i> , 2019, 4, 35.	17.1	153

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91	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
92	MIF promotes perineural invasion through EMT in salivary adenoid cystic carcinoma. <i>Molecular Carcinogenesis</i> , 2019, 58, 898-912.	2.7	20
93	Functional brain networks in never-treated and treated long-term ill schizophrenia patients. <i>Neuropsychopharmacology</i> , 2019, 44, 1940-1947.	5.4	13
94	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
95	Biom mineralization of dentin. <i>Journal of Structural Biology</i> , 2019, 207, 115-122.	2.8	64
96	White Matter Abnormalities in Major Depression Biotypes Identified by Diffusion Tensor Imaging. <i>Neuroscience Bulletin</i> , 2019, 35, 867-876.	2.9	25
97	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
98	Hexapeptide-conjugated calcitonin for targeted therapy of osteoporosis. <i>Journal of Controlled Release</i> , 2019, 304, 39-50.	9.9	27
99	Albumin-Modified Cationic Nanocarriers To Potentially Create a New Platform for Drug Delivery Systems. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 16421-16429.	8.0	24
100	A rational design of the coupling mechanism of physical adsorption and chemical charge effect for high-performance lithium-sulfur batteries. <i>RSC Advances</i> , 2019, 9, 12710-12717.	3.6	12
101	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
102	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
103	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
104	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
105	Chondroitin-analogue decorated magnetic nanoparticles via a click reaction for selective adsorption of low-density lipoprotein. <i>Polymer Chemistry</i> , 2019, 10, 2540-2550.	3.9	6
106	Hypoxia promotes vasculogenic mimicry formation by vascular endothelial growth factor A mediating epithelial-mesenchymal transition in salivary adenoid cystic carcinoma. <i>Cell Proliferation</i> , 2019, 52, e12600.	5.3	52
107	Anti-biofilm surfaces from mixed dopamine-modified polymer brushes: synergistic role of cationic and zwitterionic chains to resist <i>Staphylococcus aureus</i> . <i>Biomaterials Science</i> , 2019, 7, 5369-5382.	5.4	49
108	High level of pattern glare in major depressive disorder. <i>BMC Psychiatry</i> , 2019, 19, 415.	2.6	6

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109	Increased expression of a novel miRNA in peripheral blood is negatively correlated with hippocampal volume in patients with major depressive disorder. <i>Journal of Affective Disorders</i> , 2019, 245, 205-212.	4.1	13
110	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
111	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
112	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
113	Bioinspired heptapeptides as functionalized mineralization inducers with enhanced hydroxyapatite affinity. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1984-1994.	5.8	31
114	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
115	Multifunctional Biomaterial Coating Based on Bio-Inspired Polyphosphate and Lysozyme Supramolecular Nanofilm. <i>Biomacromolecules</i> , 2018, 19, 1979-1989.	5.4	21
116	8DSS peptide induced effective dentinal tubule occlusion in vitro. <i>Dental Materials</i> , 2018, 34, 629-640.	3.5	27
117	Facile Fabrication of Mussel-Inspired Multifunctional Polymeric Membranes with Remarkable Anticoagulant, Antifouling, and Antibacterial Properties. <i>Macromolecular Materials and Engineering</i> , 2018, 303, 1700378.	3.6	8
118	MicroRNA132 associated multimodal neuroimaging patterns in unmedicated major depressive disorder. <i>Brain</i> , 2018, 141, 916-926.	7.6	72
119	Antibacterial and Biocompatible Cross-Linked Waterborne Polyurethanes Containing Gemini Quaternary Ammonium Salts. <i>Biomacromolecules</i> , 2018, 19, 279-287.	5.4	76
120	Macromol. Mater. Eng. 3/2018. <i>Macromolecular Materials and Engineering</i> , 2018, 303, 1870011.	3.6	0
121	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
122	Overexpression Cathepsin D Contributes to Perineural Invasion of Salivary Adenoid Cystic Carcinoma. <i>Frontiers in Oncology</i> , 2018, 8, 492.	2.8	19
123	Cellular Phenotype Plasticity in Cancer Dormancy and Metastasis. <i>Frontiers in Oncology</i> , 2018, 8, 505.	2.8	28
124	An Infantile Alantoaxial Dislocation with Patent Foramen Ovale Managed with Titanium Cabling and Allogenic Bone Grafts. <i>Mental Illness</i> , 2018, 10, 7339.	0.8	0
125	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
126	<i>Porphyromonas gingivalis</i> Promotes 4-Nitroquinoline-1-Oxide-Induced Oral Carcinogenesis With an Alteration of Fatty Acid Metabolism. <i>Frontiers in Microbiology</i> , 2018, 9, 2081.	3.5	49



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127	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
128	A Universal and Ultrastable Mineralization Coating Bioinspired from Biofilms. <i>Advanced Functional Materials</i> , 2018, 28, 1802730.	14.9	43
129	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
130	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
131	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
132	Evidence for excessive osteoclast activation in SIRT6 null mice. <i>Scientific Reports</i> , 2018, 8, 10992.	3.3	19
133	Aberrant Dynamic Functional Network Connectivity and Graph Properties in Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 2018, 9, 339.	2.6	126
134	Detecting the Formation and Transformation of Oligomers during Insulin Fibrillation by a Dendrimer Conjugated with Aggregation-Induced Emission Molecule. <i>Bioconjugate Chemistry</i> , 2017, 28, 944-956.	3.6	11
135	Supramolecular nanoparticles of calcitonin and dipeptide for long-term controlled release. <i>Journal of Controlled Release</i> , 2017, 256, 182-192.	9.9	27
136	Salivary acquired pellicle-inspired DpSpSEEKC peptide for the restoration of demineralized tooth enamel. <i>Biomedical Materials (Bristol)</i> , 2017, 12, 025007.	3.3	16
137	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
138	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
139	A novel binder-sulfonated polystyrene for the sulfur cathode of Li-S batteries. <i>Ionics</i> , 2017, 23, 2251-2258.	2.4	18
140	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
141	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
142	Bioinspired from Salivary Acquired Pellicle: A Multifunctional Coating for Biominerals. <i>Chemistry of Materials</i> , 2017, 29, 5663-5670.	6.7	25
143	Advances in polymeric materials for dental applications. <i>Polymer Chemistry</i> , 2017, 8, 807-823.	3.9	101
144	Post-Crosslinked Polyurethanes with Excellent Shape Memory Property. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700450.	3.9	22

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145	Advances in pH-sensitive Polymers for Smart Insulin Delivery. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700413.	3.9	82
146	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
147	Antibacterial and anti-biofouling coating on hydroxyapatite surface based on peptide-modified tannic acid. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 160, 136-143.	5.0	45
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