

Xiao Yang

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.

196
papers

3,507
citations

29
h-index

45
g-index

210
ext. papers

4,748
ext. citations

7
avg, IF

5.77
L-index

#	Paper	IF	Citations
196	Recent advances of zwitterionic-based topological polymers for biomedical applications.. <i>Journal of Materials Chemistry B</i> , 2022 ,	7.3	2
195	Applications of tetrahedral DNA nanostructures in wound repair and tissue regeneration.. <i>Burns and Trauma</i> , 2022 , 10, tkac006	5.3	1
194	Positive Neuroplastic Effect of DNA Framework Nucleic Acids on Neuropsychiatric Diseases 2022 , 4, 665-674		0
193	An Instant, Repeatable and Universal Supramolecular Adhesive Based on Natural Small Molecules for Dry/Wet Environments. <i>Chemical Engineering Journal</i> , 2022 , 442, 136206	14.7	1
192	Polypeptide coatings on biominerals with superior antimicrobial and antifouling properties inspired by human salivary proteins. <i>Applied Materials Today</i> , 2022 , 27, 101446	6.6	
191	Polylactic 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	6	0
190	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, 2110720	15.6	11
189	Keratin-based wound dressings: From waste to wealth.. <i>International Journal of Biological Macromolecules</i> , 2022 , 211, 183-197	7.9	0
188	Advances in biomineralization-inspired materials for hard tissue repair. <i>International Journal of Oral Science</i> , 2021 , 13, 42	27.9	8
187	Multifunctional Biomedical Materials Derived from Biological Membranes. <i>Advanced Materials</i> , 2021 , e2107406	24	3
186	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	9.6	4
185	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	15.6	16
184	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	9.5	5
183	Recent Advances in Injectable Dual Crosslinking Hydrogels for Biomedical Applications. <i>Macromolecular Bioscience</i> , 2021 , 21, e2100109	5.5	8
182	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	12.8	0
181	Subtypes of depression characterized by different cognitive decline and brain activity alterations. <i>Journal of Psychiatric Research</i> , 2021 , 138, 413-419	5.2	2
180	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	14.7	7

179	Treating LRRK2-Related Parkinson's Disease by Inhibiting the mTOR Signaling Pathway to Restore Autophagy. <i>Advanced Functional Materials</i> , 2021 , 31, 2105152	15.6	18
178	Direct Current Stimulation for Improved Osteogenesis of MC3T3 Cells Using Mineralized Conductive Polyaniline. <i>ACS Biomaterials Science and Engineering</i> , 2021 , 7, 852-861	5.5	4
177	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	4.4	6
176	Research progress in nanozyme-based composite materials for fighting against bacteria and biofilms. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 198, 111465	6	14
175	Supramolecular nanoassemblies of salmon calcitonin and aspartame for fibrillation inhibition and osteogenesis improvement. <i>International Journal of Pharmaceutics</i> , 2021 , 593, 120171	6.5	1
174	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	7.4	7
173	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	4.9	4
172	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	7.3	2
171	Ordered Conformation-Regulated Vesicular Membrane Permeability. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 22529-22536	16.4	3
170	Plasma Metabolomics Profiling of Metabolic Pathways Affected by Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 2021 , 12, 644555	5	1
169	Ordered Conformation-Regulated Vesicular Membrane Permeability. <i>Angewandte Chemie</i> , 2021 , 133, 22703-22710	3.6	0
168	Reward Processing in Novelty Seekers: A Transdiagnostic Psychiatric Imaging Biomarker. <i>Biological Psychiatry</i> , 2021 , 90, 529-539	7.9	5
167	Changes in Regional Homogeneity of Medication-Free Major Depressive Disorder Patients With Different Onset Ages. <i>Frontiers in Psychiatry</i> , 2021 , 12, 713614	5	2
166	Gellan gum/alginate-based Ca-enriched acellular bilayer hydrogel with robust interface bonding for effective osteochondral repair. <i>Carbohydrate Polymers</i> , 2021 , 270, 118382	10.3	12
165	Spatiotemporally controlled calcitonin delivery: Long-term and targeted therapy of skeletal diseases. <i>Journal of Controlled Release</i> , 2021 , 338, 486-504	11.7	2
164	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	6	5
163	Zwitterionic polymer modified xanthan gum with collagen II-binding capability for lubrication improvement and ROS scavenging. <i>Carbohydrate Polymers</i> , 2021 , 274, 118672	10.3	3
162	Heterogenous hydrogel mimicking the osteochondral ECM applied to tissue regeneration. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 8646-8658	7.3	3

161	Functional biomedical materials derived from proteins in the acquired salivary pellicle. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 6507-6520	7.3	0
160	Accelerated Bone Regeneration by MOF Modified Multifunctional Membranes through Enhancement of Osteogenic and Angiogenic Performance. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2001369	10.1	15
159	Tannic acid-thioctic acid hydrogel: a novel injectable supramolecular adhesive gel for wound healing. <i>Green Chemistry</i> , 2021 , 23, 1794-1804	10	19
158	Chemically Grafted Nanozyme Composite Cryogels to Enhance Antibacterial and Biocompatible Performance for Bioliquid Regulation and Adaptive Bacteria Trapping. <i>ACS Nano</i> , 2021 ,	16.7	8
157	Self-Organized Spatiotemporal Mineralization of Hydrogel: A Simulant of Osteon.. <i>Small</i> , 2021 , e21066491	9.1	0
156	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	3	11
155	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	8.6	7
154	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	5.5	2
153	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	9.5	8
152	A natural polymer based bioadhesive with self-healing behavior and improved antibacterial properties. <i>Biomaterials Science</i> , 2020 , 8, 4346-4357	7.4	19
151	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	6	8
150	Hyaluronic acid bioinspired polymers for the regulation of cell chondrogenic and osteogenic differentiation. <i>International Journal of Biological Macromolecules</i> , 2020 , 161, 1011-1020	7.9	3
149	From kPa to MPa: An Environmentally Friendly Way to Prepare a Polysaccharide Hydrogel with Tunable Mechanical Properties. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 4829-4834	3.9	3
148	Natural protein bioinspired materials for regeneration of hard tissues. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 2199-2215	7.3	21
147	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	5.8	4
146	A Highly Stretchable, Real-Time Self-Healable Hydrogel Adhesive Matrix for Tissue Patches and Flexible Electronics. <i>Advanced Healthcare Materials</i> , 2020 , 9, e1901423	10.1	38
145	Electroconvulsive therapy treatment responsive multimodal brain networks. <i>Human Brain Mapping</i> , 2020 , 41, 1775-1785	5.9	10
144	Detecting human articular cartilage degeneration in its early stage with polarization-sensitive optical coherence tomography. <i>Biomedical Optics Express</i> , 2020 , 11, 2745-2760	3.5	5

143	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	3.7	7
142	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	7.3	10
141	IL-18R-dependent and independent pathways account for IL-18-enhanced antitumor ability of CAR-T cells. <i>FASEB Journal</i> , 2020 , 34, 1768-1782	0.9	5
140	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	7.3	25
139	Bioinspired by cell membranes: functional polymeric materials for biomedical applications. <i>Materials Chemistry Frontiers</i> , 2020 , 4, 750-774	7.8	25
138	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	8.3	5
137	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	6	7
136	Two-in-one strategy: a remineralizing and anti-adhesive coating against demineralized enamel. <i>International Journal of Oral Science</i> , 2020 , 12, 27	27.9	6
135	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	7.9	7
134	Fabrication of Double-Network Hydrogels with Universal Adhesion and Superior Extensibility and Cytocompatibility by One-Pot Method. <i>Biomacromolecules</i> , 2020 , 21, 4699-4708	6.9	12
133	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	7.3	5
132	Social support and clinical improvement in COVID-19 positive patients in China. <i>Nursing Outlook</i> , 2020 , 68, 830-837	2.7	20
131	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	0.9	3
130	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	4.9	2
129	Cell-Membrane-Targeted Drug Delivery System Based on Choline-Phosphate-Functionalized β -Cyclodextrin. <i>Macromolecular Bioscience</i> , 2020 , 20, e2000069	5.5	0
128	Sulfated alginate based complex for sustained calcitonin delivery and enhanced osteogenesis. <i>Biomedical Materials (Bristol)</i> , 2020 ,	3.5	1
127	Zwitterionic PMCP-Modified Polycaprolactone Surface for Tissue Engineering: Antifouling, Cell Adhesion Promotion, and Osteogenic Differentiation Properties. <i>Small</i> , 2019 , 15, e1903784	11	29
126			

125	Promotion of the osteogenic activity of an antibacterial polyaniline coating by electrical stimulation. <i>Biomaterials Science</i> , 2019 , 7, 4730-4737	7.4	14
124	Genetically engineered T cells for cancer immunotherapy. <i>Signal Transduction and Targeted Therapy</i> , 2019 , 4, 35	21	89
123	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	4.8	31
122	MIF promotes perineural invasion through EMT in salivary adenoid cystic carcinoma. <i>Molecular Carcinogenesis</i> , 2019 , 58, 898-912	5	7
121	Functional brain networks in never-treated and treated long-term ill schizophrenia patients. <i>Neuropsychopharmacology</i> , 2019 , 44, 1940-1947	8.7	11
120	Macrophage migration inhibitory factor promotes the invasion and metastasis of oral squamous cell carcinoma through matrix metalloprotein-2/9. <i>Molecular Carcinogenesis</i> , 2019 , 58, 1809-1821	5	5
119	Biomineralization of dentin. <i>Journal of Structural Biology</i> , 2019 , 207, 115-122	3.4	24
118	White Matter Abnormalities in Major Depression Biotypes Identified by Diffusion Tensor Imaging. <i>Neuroscience Bulletin</i> , 2019 , 35, 867-876	4.3	14
117	Co-treatment of buspirone with atypical antipsychotic drugs (AAPDs) improved neurocognitive function in chronic schizophrenia. <i>Schizophrenia Research</i> , 2019 , 209, 135-140	3.6	10
116	Hexapeptide-conjugated calcitonin for targeted therapy of osteoporosis. <i>Journal of Controlled Release</i> , 2019 , 304, 39-50	11.7	14
115	Albumin-Modified Cationic Nanocarriers To Potentially Create a New Platform for Drug Delivery Systems. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 16421-16429	9.5	13
114	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	3.7	11
113	Proprotein convertase subtilisin/kexin 9 inhibitors in reducing cardiovascular outcomes: a systematic review and meta-analysis. <i>Heart</i> , 2019 , 105, 1149-1159	5.1	15
112	Cathepsin B defines leader cells during the collective invasion of salivary adenoid cystic carcinoma. <i>International Journal of Oncology</i> , 2019 , 54, 1233-1244	4.4	10
111	Cp1-11 peptide/insulin complex loaded pH-responsive nanoparticles with enhanced oral bioactivity. <i>International Journal of Pharmaceutics</i> , 2019 , 562, 23-30	6.5	19
110	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	5.8	8
109	Chondroitin-analogue decorated magnetic nanoparticles via a click reaction for selective adsorption of low-density lipoprotein. <i>Polymer Chemistry</i> , 2019 , 10, 2540-2550	4.9	3
108	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	7.9	34

107	Bioinspired enamel-like oriented minerals on general surfaces: towards improved mechanical properties. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 5237-5244	7.3	10
106	Viscoelasticity in natural tissues and engineered scaffolds for tissue reconstruction. <i>Acta Biomaterialia</i> , 2019 , 97, 74-92	10.8	45
105	Advances in biomolecule inspired polymeric material decorated interfaces for biological applications. <i>Biomaterials Science</i> , 2019 , 7, 3984-3999	7.4	13
104	Antipsychotics and risk of natural death in patients with schizophrenia. <i>Neuropsychiatric Disease and Treatment</i> , 2019 , 15, 1863-1871	3.1	8
103	Hydrophobic recognition allows the glycosyltransferase UGT76G1 to catalyze its substrate in two orientations. <i>Nature Communications</i> , 2019 , 10, 3214	17.4	27
102	The level of IL-6 was associated with sleep disturbances in patients with major depressive disorder. <i>Neuropsychiatric Disease and Treatment</i> , 2019 , 15, 1695-1700	3.1	15
101	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	4.8	17
100	Bioinspired from mussel and salivary acquired pellicle: a universal dual-functional polypeptide coating for implant materials. <i>Materials Today Chemistry</i> , 2019 , 14, 100205	6.2	5
99	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	5.5	9
98	Anti-biofilm surfaces from mixed dopamine-modified polymer brushes: synergistic role of cationic and zwitterionic chains to resist staphylococcus aureus. <i>Biomaterials Science</i> , 2019 , 7, 5369-5382	7.4	26
97	High level of pattern glare in major depressive disorder. <i>BMC Psychiatry</i> , 2019 , 19, 415	4.2	3
96	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	6.6	8
95	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	6.4	23
94	Plasma complement component 4 increases in patients with major depressive disorder. <i>Neuropsychiatric Disease and Treatment</i> , 2018 , 14, 37-41	3.1	13
93	Bioinspired heptapeptides as functionalized mineralization inducers with enhanced hydroxyapatite affinity. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 1984-1994	7.3	21
92	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	6.9	7
91	Multifunctional Biomaterial Coating Based on Bio-Inspired Polyphosphate and Lysozyme Supramolecular Nanofilm. <i>Biomacromolecules</i> , 2018 , 19, 1979-1989	6.9	16
90	8DSS peptide induced effective dentinal tubule occlusion in vitro. <i>Dental Materials</i> , 2018 , 34, 629-640	5.7	14

89	Facile Fabrication of Mussel-Inspired Multifunctional Polymeric Membranes with Remarkable Anticoagulant, Antifouling, and Antibacterial Properties. <i>Macromolecular Materials and Engineering</i> , 2018 , 303, 1700378	3.9	8
88	MicroRNA132 associated multimodal neuroimaging patterns in unmedicated major depressive disorder. <i>Brain</i> , 2018 , 141, 916-926	11.2	43
87	Antibacterial and Biocompatible Cross-Linked Waterborne Polyurethanes Containing Gemini Quaternary Ammonium Salts. <i>Biomacromolecules</i> , 2018 , 19, 279-287	6.9	60
86	Macromol. Mater. Eng. 3/2018. <i>Macromolecular Materials and Engineering</i> , 2018 , 303, 1870011	3.9	
85	Analysis of voxel-mirrored homotopic connectivity in medication-free, current major depressive disorder. <i>Journal of Affective Disorders</i> , 2018 , 240, 171-176	6.6	17
84	Inhibition of the fibrillation of highly amyloidogenic human calcitonin by cucurbit[7]uril with improved bioactivity. <i>Acta Biomaterialia</i> , 2018 , 78, 178-188	10.8	18
83	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	6.5	17
82	Evidence for excessive osteoclast activation in SIRT6 null mice. <i>Scientific Reports</i> , 2018 , 8, 10992	4.9	14
81	Aberrant Dynamic Functional Network Connectivity and Graph Properties in Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 2018 , 9, 339	5	67
80	NUMB maintains bone mass by promoting degradation of PTEN and GLI1 via ubiquitination in osteoblasts. <i>Bone Research</i> , 2018 , 6, 32	13.3	10
79	Overexpression Cathepsin D Contributes to Perineural Invasion of Salivary Adenoid Cystic Carcinoma. <i>Frontiers in Oncology</i> , 2018 , 8, 492	5.3	11
78	Cellular Phenotype Plasticity in Cancer Dormancy and Metastasis. <i>Frontiers in Oncology</i> , 2018 , 8, 505	5.3	18
77	An infantile alantoaxial dislocation with patent foramen ovale managed with titanium cabling and allogenic bone grafts. <i>Mental Illness</i> , 2018 , 10, 7339	0.9	
76	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	6	22
75	Promotes 4-Nitroquinoline-1-Oxide-Induced Oral Carcinogenesis With an Alteration of Fatty Acid Metabolism. <i>Frontiers in Microbiology</i> , 2018 , 9, 2081	5.7	29
74	Universal and biocompatible hydroxyapatite coating induced by phytic acid-metal complex multilayer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 169, 478-485	6	8
73	A Universal and Ultrastable Mineralization Coating Bioinspired from Biofilms. <i>Advanced Functional Materials</i> , 2018 , 28, 1802730	15.6	24
72	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	6.3	9

71	Supramolecular nanoparticles of calcitonin and dipeptide for long-term controlled release. <i>Journal of Controlled Release</i> , 2017 , 256, 182-192	11.7	22
70	Salivary acquired pellicle-inspired DpSpSEK peptide for the restoration of demineralized tooth enamel. <i>Biomedical Materials (Bristol)</i> , 2017 , 12, 025007	3.5	11
69	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	6	15
68	Cucurbit[7]-assisted sustained release of human calcitonin from thermosensitive block copolymer hydrogel. <i>International Journal of Pharmaceutics</i> , 2017 , 527, 52-60	6.5	14
67	A novel binder-sulfonated polystyrene for the sulfur cathode of Li-S batteries. <i>Ionics</i> , 2017 , 23, 2251-2258	7	15
66	Synthesis and electrochemical performance of micro-mesoporous carbon-sulfur composite cathode for LiS batteries. <i>Ionics</i> , 2017 , 23, 2951-2960	2.7	14
65	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	4.9	24
64	Bioinspired from Salivary Acquired Pellicle: A Multifunctional Coating for Biominerals. <i>Chemistry of Materials</i> , 2017 , 29, 5663-5670	9.6	22
63	Advances in polymeric materials for dental applications. <i>Polymer Chemistry</i> , 2017 , 8, 807-823	4.9	62
62	Post-Crosslinked Polyurethanes with Excellent Shape Memory Property. <i>Macromolecular Rapid Communications</i> , 2017 , 38, 1700450	4.8	16
61	Advances in pH-Sensitive Polymers for Smart Insulin Delivery. <i>Macromolecular Rapid Communications</i> , 2017 , 38, 1700413	4.8	50
60	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	5.5	16
59	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	6	31
58	From molecules to macrostructures: recent development of bioinspired hard tissue repair. <i>Biomaterials Science</i> , 2017 , 5, 1435-1449	7.4	25
57	Multilayer Choline Phosphate Molecule Modified Surface with Enhanced Cell Adhesion but Resistance to Protein Adsorption. <i>Langmuir</i> , 2017 , 33, 8295-8301	4	18
56	A self-defensive bilayer hydrogel coating with bacteria triggered switching from cell adhesion to antibacterial adhesion. <i>Polymer Chemistry</i> , 2017 , 8, 5344-5353	4.9	15
55	Calcitonin-Loaded Thermosensitive Hydrogel for Long-Term Antiosteopenia Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 23428-23440	9.5	48
54	Bio-inspired peptide decorated dendrimers for a robust antibacterial coating on hydroxyapatite. <i>Polymer Chemistry</i> , 2017 , 8, 4264-4279	4.9	24

53	Gemini quaternary ammonium salt waterborne biodegradable polyurethanes with antibacterial and biocompatible properties. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 361-368	7.8	30
52	The remineralization effectiveness of PAMAM dendrimer with different terminal groups on demineralized dentin in vitro. <i>RSC Advances</i> , 2017 , 7, 54947-54955	3.7	18
51	Effect and Stability of Poly(Amido Amine)-Induced Biomineralization on Dentinal Tubule Occlusion. <i>Materials</i> , 2017 , 10,	3.5	16
50	Increased circulating full-length betatrophin levels in drug-naïve metabolic syndrome. <i>Oncotarget</i> , 2017 , 8, 17510-17517	3.3	8
49	Well-defined reducible cationic nanogels based on functionalized low-molecular-weight PGMA for effective pDNA and siRNA delivery. <i>Acta Biomaterialia</i> , 2016 , 41, 282-92	10.8	32
48	Comparison of hair thyroid hormones between first-episode and recurrent patients with depression in female Chinese. <i>Asia-Pacific Psychiatry</i> , 2016 , 8, 302-305	3.2	3
47	Inspired by nonenveloped viruses escaping from endo-lysosomes: a pH-sensitive polyurethane micelle for effective intracellular trafficking. <i>Nanoscale</i> , 2016 , 8, 7711-22	7.7	20
46	Dual pH-responsive micelles with both charge-conversional property and hydrophobic/hydrophilic transition for effective cellular uptake and intracellular drug release. <i>Polymer Chemistry</i> , 2016 , 7, 2202-2208	4.0	21
45	Increased miR-132 level is associated with visual memory dysfunction in patients with depression. <i>Neuropsychiatric Disease and Treatment</i> , 2016 , 12, 2905-2911	3.1	23
44	Hierarchical mesoporous silica nanoparticles for tailorable drug release. <i>International Journal of Pharmaceutics</i> , 2016 , 511, 65-72	6.5	23
43	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	4.9	13
42	Synthesis and characterization of biodegradable lysine-based waterborne polyurethane for soft tissue engineering applications. <i>Biomaterials Science</i> , 2016 , 4, 1682-1690	7.4	36
41	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	3.2	12
40	Star polymers: Advances in biomedical applications. <i>Progress in Polymer Science</i> , 2015 , 46, 55-85	29.6	264
39	Substrate-anchored and degradation-sensitive anti-inflammatory coatings for implant materials. <i>Scientific Reports</i> , 2015 , 5, 11105	4.9	24
38	Analysis of hair cortisol level in first-episodic and recurrent female patients with depression compared to healthy controls. <i>Journal of Affective Disorders</i> , 2015 , 175, 299-302	6.6	45
37	Effective dentin restorative material based on phosphate-terminated dendrimer as artificial protein. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 128, 304-314	6	34
36	A zwitterionic surface with general cell-adhesive and protein-resistant properties. <i>RSC Advances</i> , 2015 , 5, 76216-76220	3.7	19

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33	pH-sensitive nanocarriers for enhanced tumor retention and rapid intracellular drug release. <i>Journal of Controlled Release</i> , 2015 , 213, e1111-2	11.7	3
32	Macroscopic Supramolecular Assembly to Fabricate 3D Ordered Structures: Towards Potential Tissue Scaffolds with Targeted Modification. <i>Advanced Functional Materials</i> , 2015 , 25, 6851-6857	15.6	41
31	Anatomical and functional brain abnormalities in unmedicated major depressive disorder. <i>Neuropsychiatric Disease and Treatment</i> , 2015 , 11, 2415-23	3.1	14
30	Effect of second-look laparoscopy on subsequent fertility outcome after laparoscopic salpingostomy for tubal pregnancy: a randomized controlled study. <i>Journal of Minimally Invasive Gynecology</i> , 2015 , 22, 612-8	2.2	1
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24	Self-reduction and morphology control of gold nanoparticles by dendronized poly(amido amine)s for photothermal therapy. <i>RSC Advances</i> , 2014 , 4, 44872-44878	3.7	6
23	Nanocarriers with dual pH-sensitivity for enhanced tumor cell uptake and rapid intracellular drug release. <i>RSC Advances</i> , 2014 , 4, 30780	3.7	23
22	Physiological pH-triggered morphological transition of amphiphilic block copolymer self-assembly. <i>Journal of Polymer Research</i> , 2014 , 21, 1	2.7	15
21	Phosphorylated dendronized poly(amido amine)s as protein analogues for directing hydroxylapatite biomineralization. <i>Chemical Communications</i> , 2014 , 50, 6491-3	5.8	29
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19	Multifunctional hydrogels based on Cyclodextrin with both biomineralization and anti-inflammatory properties. <i>Carbohydrate Polymers</i> , 2014 , 102, 869-76	10.3	22
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16	Regeneration of biomimetic hydroxyapatite on etched human enamel by anionic PAMAM template in vitro. <i>Archives of Oral Biology</i> , 2013 , 58, 975-80	2.8	56
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