

# Ximu Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

848  
citations

687363

13  
h-index

610901

24  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1207  
citing authors

#	ARTICLE	IF	CITATIONS
1	Macrophages Mediate the Repair of Brain Vascular Rupture through Direct Physical Adhesion and Mechanical Traction. <i>Immunity</i> , 2016, 44, 1162-1176.	14.3	159
2	A Bioinspired Medical Adhesive Derived from Skin Secretion of <i>Andrias davidianus</i> for Wound Healing. <i>Advanced Functional Materials</i> , 2019, 29, 1809110.	14.9	121
3	Expert consensus on dental caries management. <i>International Journal of Oral Science</i> , 2022, 14, 17.	8.6	71
4	The Oral Microbiome in the Elderly With Dental Caries and Health. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 442.	3.9	68
5	CBCT study of root and canal morphology of permanent mandibular incisors in a Chinese population. <i>Acta Odontologica Scandinavica</i> , 2014, 72, 26-30.	1.6	55
6	A Mussel-Inspired Antibacterial Hydrogel with High Cell Affinity, Toughness, Self-Healing, and Recycling Properties for Wound Healing. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 3070-3082.	6.7	52
7	Estrogen preserves Fas ligand levels by inhibiting microRNA-181a in bone marrow-derived mesenchymal stem cells to maintain bone remodeling balance. <i>FASEB Journal</i> , 2015, 29, 3935-3944.	0.5	43
8	The prevalence of dental anxiety and its association with pain and other variables among adult patients with irreversible pulpitis. <i>BMC Oral Health</i> , 2018, 18, 101.	2.3	43
9	Knockdown of MicroRNA Let-7a Improves the Functionality of Bone Marrow-Derived Mesenchymal Stem Cells in Immunotherapy. <i>Molecular Therapy</i> , 2017, 25, 480-493.	8.2	38
10	A Bioinspired Hemostatic Powder Derived from the Skin Secretion of <i>Andrias davidianus</i> for Rapid Hemostasis and Intraoral Wound Healing. <i>Small</i> , 2022, 18, e2101699.	10.0	31
11	The oral microbiome and salivary proteins influence caries in children aged 6 to 8 years. <i>BMC Oral Health</i> , 2020, 20, 295.	2.3	26
12	Current trends of targeted therapy for oral squamous cell carcinoma. <i>Journal of Cancer Research and Clinical Oncology</i> , 2022, 148, 2169-2186.	2.5	23
13	A Natural Hydrogel with Prohealing Properties Enhances Tendon Regeneration. <i>Small</i> , 2022, 18, e2105255.	10.0	21
14	The validity of caries risk assessment in young adults with past caries experience using a screening Cariogram model without saliva tests. <i>International Dental Journal</i> , 2018, 68, 221-226.	2.6	14
15	C1qr and C1ql redundantly regulate angiogenesis in zebrafish through controlling endothelial Cdh5. <i>Biochemical and Biophysical Research Communications</i> , 2017, 483, 482-487.	2.1	13
16	Regulatory effects of miRNA-181a on FasL expression in bone marrow mesenchymal stem cells and its effect on CD4+T lymphocyte apoptosis in estrogen deficiency-induced osteoporosis. <i>Molecular Medicine Reports</i> , 2018, 18, 920-930.	2.4	11
17	Effect of <i>Streptococcus anginosus</i> on biological response of tongue squamous cell carcinoma cells. <i>BMC Oral Health</i> , 2021, 21, 141.	2.3	11
18	Effect of chlorhexidine-loaded poly(amido amine) dendrimer on matrix metalloproteinase activities and remineralization in etched human dentin in vitro. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 121, 104625.	3.1	11

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19	Fabrication and Characterization of PCL/PLGA Coaxial and Bilayer Fibrous Scaffolds for Tissue Engineering. <i>Materials</i> , 2021, 14, 6295.	2.9	9
20	Bioinspired <i>Andrias davidianus</i> -Derived wound dressings for localized drug-elution. <i>Bioactive Materials</i> , 2022, 15, 482-494.	15.6	9
21	Cyp2aa9 regulates haematopoietic stem cell development in zebrafish. <i>Scientific Reports</i> , 2016, 6, 26608.	3.3	7
22	Redundant letâ€7a suppresses the immunomodulatory properties of BMSCs by inhibiting the Fas/FasL system in osteoporosis. <i>FASEB Journal</i> , 2018, 32, 1982-1992.	0.5	6
23	Loss of <i>Gspt1l</i> disturbs the patterning of the brain central arteries in zebrafish. <i>Biochemical and Biophysical Research Communications</i> , 2017, 486, 156-162.	2.1	5
24	Effect of polyvinyl siloxane impression material on the polymerization of composite resin. <i>Journal of Prosthetic Dentistry</i> , 2017, 117, 552-558.	2.8	1