

# Yan Xu

## 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.

61

papers

878

citations

15

h-index

27

g-index

73

ext. papers

1,175

ext. citations

4.6

avg, IF

4.18

L-index

#	Paper	IF	Citations
61	Cerium oxide nanoparticles loaded nanofibrous membranes promote bone regeneration for periodontal tissue engineering. <i>Bioactive Materials</i> , <b>2022</b> , 7, 242-253	16.7	9
60	A20 alleviated caspase-1-mediated pyroptosis and inflammation stimulated by Porphyromonas gingivalis lipopolysaccharide and nicotine through autophagy enhancement.. <i>Human Cell</i> , <b>2022</b> , 1	4.5	2
59	Lactate inhibits osteogenic differentiation of human periodontal ligament stem cells via autophagy through the MCT1-mTOR signaling pathway.. <i>Bone</i> , <b>2022</b> , 116444	4.7	0
58	Dual role of CsrA in regulating the hemolytic activity of Escherichia coli O157:H7. <i>Virulence</i> , <b>2022</b> , 13, 859-874	4.7	0
57	Emerging Roles on Immunological Effect of Indoleamine 2,3-Dioxygenase in Liver Injuries. <i>Frontiers in Medicine</i> , <b>2021</b> , 8, 756435	4.9	
56	Enhanced recovery after surgery protocols in total knee arthroplasty via midvastus approach: a randomized controlled trial. <i>BMC Musculoskeletal Disorders</i> , <b>2021</b> , 22, 856	2.8	2
55	The inhibitory effect of the deubiquitinase cylindromatosis (CYLD) on inflammatory responses in human gingival fibroblasts. <i>Oral Diseases</i> , <b>2021</b> , 27, 1487-1497	3.5	1
54	Biodegradable engineered fiber scaffolds fabricated by electrospinning for periodontal tissue regeneration. <i>Journal of Biomaterials Applications</i> , <b>2021</b> , 36, 55-75	2.9	2
53	MgO Nanoparticles-Incorporated PCL/Gelatin-Derived Coaxial Electrospinning Nanocellulose Membranes for Periodontal Tissue Regeneration. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2021</b> , 9, 668428	5.8	14
52	Extracellular Vesicles: An Emerging Regenerative Treatment for Oral Disease. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 669011	5.7	1
51	Expression of autophagy and apoptosis-related factors in the periodontal tissue of experimental diabetic rats: a histomorphometric, microtomographic and immunohistochemical study. <i>PeerJ</i> , <b>2021</b> , 9, e11577	3.1	0
50	Three-Dimensional Tooth Models with Pulp Cavity Enhance Dental Anatomy Education. <i>Anatomical Sciences Education</i> , <b>2021</b> ,	6.8	1
49	Microcirculation and somatosensory profiling of patients with periodontitis: a preliminary case control report. <i>Clinical Oral Investigations</i> , <b>2021</b> , 25, 1223-1233	4.2	2
48	Fusobacterium nucleatum Promotes Cisplatin-Resistance and Migration of Oral Squamous Carcinoma Cells by Up-Regulating Wnt5a-Mediated NFATc3 Expression. <i>Tohoku Journal of Experimental Medicine</i> , <b>2021</b> , 253, 249-259	2.4	1
47	GATA4-driven miR-206-3p signatures control orofacial bone development by regulating osteogenic and osteoclastic activity. <i>Theranostics</i> , <b>2021</b> , 11, 8379-8395	12.1	3
46	Effects of lactate in immunosuppression and inflammation: Progress and prospects. <i>International Reviews of Immunology</i> , <b>2021</b> , 1-11	4.6	3
45	Constructing biocompatible MSN@Ce@PEG nanoplatfom for enhancing regenerative capability of stem cell via ROS-scavenging in periodontitis. <i>Chemical Engineering Journal</i> , <b>2021</b> , 423, 130207	14.7	4

44	Conservative vs Surgical Treatment of Impacted Femoral Neck Fracture in Patients 75 Years and Older. <i>Journal of the American Geriatrics Society</i> , <b>2020</b> , 68, 2214-2221	5.6	3
43	Adjunctive effects of laser therapy on somatosensory function and vasomotor regulation of periodontal tissues in patients with periodontitis: A randomized controlled clinical trial. <i>Journal of Periodontology</i> , <b>2020</b> , 91, 1307-1317	4.6	4
42	A20 inhibits osteoclastogenesis via TRAF6-dependent autophagy in human periodontal ligament cells under hypoxia. <i>Cell Proliferation</i> , <b>2020</b> , 53, e12778	7.9	13
41	Randomized trial of 3-drug combination for lumbar nerve root epidural injections with a TNF- $\alpha$ inhibitor in treatment of lumbar stenosis. <i>British Journal of Neurosurgery</i> , <b>2020</b> , 34, 168-171	1	4
40	The different role of PD-L1 in head and neck squamous cell carcinomas: A meta-analysis. <i>Pathology Research and Practice</i> , <b>2020</b> , 216, 152768	3.4	12
39	Impact of implant location on the prevalence of peri-implantitis: A systematic review and meta-analysis. <i>Journal of Dentistry</i> , <b>2020</b> , 103, 103490	4.8	3
38	A feasibility study of individual 3D-printed navigation template for the deep external fixator pin position on the iliac crest. <i>BMC Musculoskeletal Disorders</i> , <b>2020</b> , 21, 478	2.8	1
37	IGF-1-releasing PLGA nanoparticles modified 3D printed PCL scaffolds for cartilage tissue engineering. <i>Drug Delivery</i> , <b>2020</b> , 27, 1106-1114	7	20
36	In vitro behavior of tendon stem/progenitor cells on bioactive electrospun nanofiber membranes for tendon-bone tissue engineering applications. <i>International Journal of Nanomedicine</i> , <b>2019</b> , 14, 5831-5848	7.3	15
35	The acute health effects of ozone and PM on daily cardiovascular disease mortality: A multi-center time series study in China. <i>Ecotoxicology and Environmental Safety</i> , <b>2019</b> , 174, 218-223	7	27
34	Effects of individual ozone exposure on lung function in the elderly: a cross-sectional study in China. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 11690-11695	5.1	14
33	Percutaneous kyphoplasty assisted with/without mixed reality technology in treatment of OVCF with IVC: a prospective study. <i>Journal of Orthopaedic Surgery and Research</i> , <b>2019</b> , 14, 255	2.8	20
32	M1 macrophages regulate TLR4/AP1 via paracrine to promote alveolar bone destruction in periodontitis. <i>Oral Diseases</i> , <b>2019</b> , 25, 1972-1982	3.5	14
31	Evaluation of an Autologous Bone Mesenchymal Stem Cell-Derived Extracellular Matrix Scaffold in a Rabbit and Minipig Model of Cartilage Repair. <i>Medical Science Monitor</i> , <b>2019</b> , 25, 7342-7350	3.2	7
30	Lithium Chloride-Releasing 3D Printed Scaffold for Enhanced Cartilage Regeneration. <i>Medical Science Monitor</i> , <b>2019</b> , 25, 4041-4050	3.2	5
29	AGEs induces apoptosis and autophagy via reactive oxygen species in human periodontal ligament cells. <i>Journal of Cellular Biochemistry</i> , <b>2019</b> , 121, 3764	4.7	14
28	In vitro evaluation of marrow clot enrichment on microstructure decoration, cell delivery and proliferation of porous titanium scaffolds by selective laser melting three-dimensional printing. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2018</b> , 106, 2245-2253	3.5	2
27	Interleukin-10 polymorphisms affect the key periodontal pathogens in Chinese periodontitis patients. <i>Scientific Reports</i> , <b>2018</b> , 8, 9068	4.9	5

26	Functional Polymorphisms of CTLA4 Associated with Aggressive Periodontitis in the Chinese Han Population. <i>Cellular Physiology and Biochemistry</i> , <b>2018</b> , 50, 1178-1185	3.9	9
25	The mechanism of Jurkat cells apoptosis induced by <i>Aggregatibacter actinomycetemcomitans</i> cytolethal distending toxin. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2017</b> , 22, 841-851	5.4	6
24	Application of 3D printing rapid prototyping-assisted percutaneous fixation in the treatment of intertrochanteric fracture. <i>Experimental and Therapeutic Medicine</i> , <b>2017</b> , 14, 3644-3650	2.1	13
23	Adhesion, proliferation and osteogenic differentiation of mesenchymal stem cells in 3D printed poly-ε-caprolactone/hydroxyapatite scaffolds combined with bone marrow clots. <i>Molecular Medicine Reports</i> , <b>2017</b> , 16, 5078-5084	2.9	23
22	Investigations of Cartilage Matrix Degeneration in Patients with Early-Stage Femoral Head Necrosis. <i>Medical Science Monitor</i> , <b>2017</b> , 23, 5783-5792	3.2	4
21	Chondrogenic Differentiation Could Be Induced by Autologous Bone Marrow Mesenchymal Stem Cell-Derived Extracellular Matrix Scaffolds Without Exogenous Growth Factor. <i>Tissue Engineering - Part A</i> , <b>2016</b> , 22, 222-32	3.9	27
20	Effects of <i>Porphyromonas gingivalis</i> Lipopolysaccharide-Tolerized Monocytes on Inflammatory Responses in Neutrophils. <i>PLoS ONE</i> , <b>2016</b> , 11, e0161482	3.7	10
19	Matrix Metalloproteinase-3 -1171 5A/6A Polymorphism (rs35068180) is Associated with Risk of Periodontitis. <i>Scientific Reports</i> , <b>2015</b> , 5, 11667	4.9	5
18	Three-dimensional polycaprolactone-hydroxyapatite scaffolds combined with bone marrow cells for cartilage tissue engineering. <i>Journal of Biomaterials Applications</i> , <b>2015</b> , 30, 160-70	2.9	18
17	Using 7.0T MRI T2 mapping to detect early changes of the cartilage matrix caused by immobilization in a rabbit model of immobilization-induced osteoarthritis. <i>Magnetic Resonance Imaging</i> , <b>2015</b> , 33, 1000-6	3.3	7
16	Composite scaffolds composed of bone marrow mesenchymal stem cell-derived extracellular matrix and marrow clots promote marrow cell retention and proliferation. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2015</b> , 103, 2374-82	5.4	6
15	Cartilage matrix changes in contralateral mobile knees in a rabbit model of osteoarthritis induced by immobilization. <i>BMC Musculoskeletal Disorders</i> , <b>2015</b> , 16, 224	2.8	8
14	Use of quantitative MRI for the detection of progressive cartilage degeneration in a mini-pig model of osteoarthritis caused by anterior cruciate ligament transection. <i>Journal of Magnetic Resonance Imaging</i> , <b>2015</b> , 42, 1032-8	5.6	9
13	Technetium-99m-labeled annexin V imaging for detecting prosthetic joint infection in a rabbit model. <i>Journal of Biomedical Research</i> , <b>2015</b> , 29, 224-31	1.5	3
12	IL-17 regulates the expressions of RANKL and OPG in human periodontal ligament cells via TRAF6/TBK1-JNK/NF- $\kappa$ B pathways. <i>Immunology</i> , <b>2014</b> , 144, 472	7.8	45
11	Endotoxin tolerance induced by lipopolysaccharides derived from <i>Porphyromonas gingivalis</i> and <i>Escherichia coli</i> : alternations in Toll-like receptor 2 and 4 signaling pathway. <i>Inflammation</i> , <b>2014</b> , 37, 268-76	5.1	32
10	Involvement of P38MAPK activation by NMDA receptors and non-NMDA receptors in amyloid- $\beta$ peptide-induced neuronal loss in rat hippocampal CA1 and CA3 subfields. <i>Neuroscience Research</i> , <b>2014</b> , 85, 51-7	2.9	14
9	Prevalence and distribution of <i>Aggregatibacter actinomycetemcomitans</i> and its <i>cdtB</i> gene in subgingival plaque of Chinese periodontitis patients. <i>BMC Oral Health</i> , <b>2014</b> , 14, 37	3.7	11

8	Electrospun vancomycin-loaded coating on titanium implants for the prevention of implant-associated infections. <i>International Journal of Nanomedicine</i> , <b>2014</b> , 9, 3027-36	7.3	43
7	IL-23R polymorphisms, HBV infection, and risk of hepatocellular carcinoma in a high-risk Chinese population. <i>Journal of Gastroenterology</i> , <b>2013</b> , 48, 125-31	6.9	28
6	A new functional site W115 in CdtA is critical for <i>Aggregatibacter actinomycetemcomitans</i> cytolethal distending toxin. <i>PLoS ONE</i> , <b>2013</b> , 8, e65729	3.7	8
5	Interleukin-10 gene polymorphisms and chronic/aggressive periodontitis susceptibility: a meta-analysis based on 14 case-control studies. <i>Cytokine</i> , <b>2012</b> , 60, 47-54	4	39
4	Interleukin-1 receptor antagonist polymorphism (rs2234663) and periodontitis susceptibility: a meta-analysis. <i>Archives of Oral Biology</i> , <b>2012</b> , 57, 585-93	2.8	29
3	Effects of aging on endotoxin tolerance induced by lipopolysaccharides derived from <i>Porphyromonas gingivalis</i> and <i>Escherichia coli</i> . <i>PLoS ONE</i> , <b>2012</b> , 7, e39224	3.7	32
2	Effect of non-surgical periodontal therapy on the levels of Th17/Th1/Th2 cytokines and their transcription factors in Chinese chronic periodontitis patients. <i>Journal of Clinical Periodontology</i> , <b>2011</b> , 38, 509-16	7.7	73
1	A potentially functional polymorphism in the promoter region of miR-34b/c is associated with an increased risk for primary hepatocellular carcinoma. <i>International Journal of Cancer</i> , <b>2011</b> , 128, 412-7	7.5	146