

# Tao Xiao

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

3,497  
citations

361296

20  
h-index

161767

54  
g-index

63  
all docs

63  
docs citations

63  
times ranked

8750  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydroxyapatite Whisker Reinforced 63s Glass Scaffolds for Bone Tissue Engineering. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	2,383
2	Identification and Verification of Immune-Related Gene Prognostic Signature Based on ssGSEA for Osteosarcoma. <i>Frontiers in Oncology</i> , 2020, 10, 607622.	1.3	111
3	Microarray expression profile of long noncoding RNAs in human osteosarcoma. <i>Biochemical and Biophysical Research Communications</i> , 2013, 433, 200-206.	1.0	90
4	The Depression Anxiety Stress Scale-21 in Chinese Hospital Workers: Reliability, Latent Structure, and Measurement Invariance Across Genders. <i>Frontiers in Psychology</i> , 2020, 11, 247.	1.1	65
5	In vitro and in vivo assessment of the effect of biodegradable magnesium alloys on osteogenesis. <i>Acta Biomaterialia</i> , 2022, 141, 454-465.	4.1	47
6	A nano-sandwich construct built with graphene nanosheets and carbon nanotubes enhances mechanical properties of hydroxyapatite&ndash;polyetheretherketone scaffolds. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 3487-3500.	3.3	46
7	Improvement of the mechanical properties and corrosion resistance of biodegradable $\hat{1}^2$ -Ca 3 (PO 4 ) 2 /Mg-Zn composites prepared by powder metallurgy: the adding $\hat{1}^2$ -Ca 3 (PO 4 ) 2, hot extrusion and aging treatment. <i>Materials Science and Engineering C</i> , 2017, 74, 582-596.	3.8	46
8	Effect of Positive Psychological Intervention on Posttraumatic Growth among Primary Healthcare Workers in China: A Preliminary Prospective Study. <i>Scientific Reports</i> , 2016, 6, 39189.	1.6	41
9	The LncRNA LINC00963 facilitates osteosarcoma proliferation and invasion by suppressing miR-204-3p/FN1 axis. <i>Cancer Biology and Therapy</i> , 2019, 20, 1141-1148.	1.5	41
10	MicroRNA screening identifies circulating microRNAs as potential biomarkers for osteosarcoma. <i>Oncology Letters</i> , 2015, 10, 1662-1668.	0.8	36
11	LOC103691336/miRâ€138â€5p/BMP2 axis modulates Mgâ€mediated osteogenic differentiation in rat femoral fracture model and rat primary bone marrow stromal cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 21316-21330.	2.0	36
12	Psychological First Aid Training: A Scoping Review of Its Application, Outcomes and Implementation. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4594.	1.2	36
13	Application of liquid biopsy in bone and soft tissue sarcomas: Present and future. <i>Cancer Letters</i> , 2018, 439, 66-77.	3.2	32
14	Hypoxia-Inducible Factor-1 Expression Predicts Osteosarcoma Patientsâ€™ Survival: A Meta-Analysis. <i>International Journal of Biological Markers</i> , 2016, 31, 229-234.	0.7	31
15	Identification and analysis of key genes in osteosarcoma using bioinformatics. <i>Oncology Letters</i> , 2018, 15, 2789-2794.	0.8	29
16	Inhibition of cyclin-dependent kinase 4 as a potential therapeutic strategy for treatment of synovial sarcoma. <i>Cell Death and Disease</i> , 2018, 9, 446.	2.7	26
17	Microstructure, Mechanical Properties and Corrosion Behavior of Porous Mg-6Åwt.% Zn Scaffolds for Bone Tissue Engineering. <i>Journal of Materials Engineering and Performance</i> , 2018, 27, 970-984.	1.2	25
18	A Novel MgO-CaO-SiO2 System for Fabricating Bone Scaffolds with Improved Overall Performance. <i>Materials</i> , 2016, 9, 287.	1.3	24

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19	Inhibiting ROS-TFEB-Dependent Autophagy Enhances Salidroside-Induced Apoptosis in Human Chondrosarcoma Cells. <i>Cellular Physiology and Biochemistry</i> , 2017, 43, 1487-1502.	1.1	23
20	The efficacy of 3D printing-assisted surgery for traumatic fracture: a meta-analysis. <i>Postgraduate Medical Journal</i> , 2019, 95, 414-419.	0.9	23
21	Network Pharmacology and Molecular Docking to Elucidate the Potential Mechanism of Ligusticum Chuanxiong Against Osteoarthritis. <i>Frontiers in Pharmacology</i> , 2022, 13, 854215.	1.6	23
22	The Association of eNOS Gene Polymorphism with Avascular Necrosis of Femoral Head. <i>PLoS ONE</i> , 2014, 9, e87583.	1.1	21
23	Mg-Zn-Mn alloy extract induces the angiogenesis of human umbilical vein endothelial cells via FGF/FGFR signaling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2019, 514, 618-624.	1.0	20
24	Diopside modified porous polyglycolide scaffolds with improved properties. <i>RSC Advances</i> , 2015, 5, 54822-54829.	1.7	18
25	The survival and prognosis analysis of synovial sarcoma subtypes: a Surveillance, Epidemiology, and End Results population-based analysis. <i>International Orthopaedics</i> , 2020, 44, 2779-2786.	0.9	17
26	Noncoding RNA in drug resistant sarcoma. <i>Oncotarget</i> , 2017, 8, 69086-69104.	0.8	16
27	A bioactive glass nanocomposite scaffold toughened by multi-wall carbon nanotubes for tissue engineering. <i>Journal of the Ceramic Society of Japan</i> , 2015, 123, 485-491.	0.5	15
28	Tailoring properties of porous Poly (vinylidene fluoride) scaffold through nano-sized 58s bioactive glass. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2016, 27, 97-109.	1.9	15
29	Enhanced Stability of Calcium Sulfate Scaffolds with 45S5 Bioglass for Bone Repair. <i>Materials</i> , 2015, 8, 7498-7510.	1.3	14
30	Targeting regulation of cyclin dependent kinase 9 as a novel therapeutic strategy in synovial sarcoma. <i>Journal of Orthopaedic Research</i> , 2019, 37, 510-521.	1.2	14
31	Prognostic Role of MicroRNA-126 for Survival in Malignant Tumors: A Systematic Review and Meta-Analysis. <i>Disease Markers</i> , 2015, 2015, 1-11.	0.6	13
32	Rheumatoid arthritis and osteoporosis: a bi-directional Mendelian randomization study. <i>Aging</i> , 2021, 13, 14109-14130.	1.4	13
33	MiR-125b suppresses the carcinogenesis of osteosarcoma cells via the MAPK-STAT3 pathway. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 2616-2626.	1.2	12
34	Identification and validation of immune-related lncRNA prognostic signatures for melanoma. <i>Immunity, Inflammation and Disease</i> , 2021, 9, 1044-1054.	1.3	11
35	The Effect of Hydroxycamptothecin on Wound Healing Following Reduction of the Knee Intra-Articular Adhesion in Rabbits. <i>Cell Biochemistry and Biophysics</i> , 2015, 73, 221-227.	0.9	10
36	Identification of Epithelial-Mesenchymal Transition-Related Prognostic lncRNAs Biomarkers Associated With Melanoma Microenvironment. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 679133.	1.8	10

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37	P16INK4a overexpression and survival in osteosarcoma patients: a meta analysis. <i>International Journal of Clinical and Experimental Pathology</i> , 2014, 7, 6091-6.	0.5	9
38	Association between prognosis and SEMA4D/Plexin-B1 expression in various malignancies. <i>Medicine (United States)</i> , 2019, 98, e13298.	0.4	7
39	Prognostic Role of MicroRNA-200c-141 Cluster in Various Human Solid Malignant Neoplasms. <i>Disease Markers</i> , 2015, 2015, 1-19.	0.6	6
40	Identification of Novel Pleiotropic SNPs Associated with Osteoporosis and Rheumatoid Arthritis. <i>Calcified Tissue International</i> , 2021, 109, 17-31.	1.5	5
41	The role of AGEs in pathogenesis of cartilage destruction in osteoarthritis. <i>Bone and Joint Research</i> , 2022, 11, 292-300.	1.3	5
42	Synergistic Effect of Carbon Nanotubes and Graphene on Diopside Scaffolds. <i>BioMed Research International</i> , 2016, 2016, 1-8.	0.9	4
43	Microstructure, Mechanical, and Biological Properties of Porous Poly(vinylidene fluoride) Scaffolds Fabricated by Selective Laser Sintering. <i>International Journal of Polymer Science</i> , 2015, 2015, 1-9.	1.2	3
44	Microstructure, Corrosion Behaviors in Different Simulated Body Fluids and Cytotoxicity of Zn@Li Alloy as Biodegradable Material. <i>Materials Transactions</i> , 2019, 60, 583-586.	0.4	3
45	Evaluating a Psychological First Aid Training Intervention (Preparing Me) to Support the Mental Health and Wellbeing of Chinese Healthcare Workers During Healthcare Emergencies: Protocol for a Randomized Controlled Feasibility Trial. <i>Frontiers in Psychiatry</i> , 2021, 12, 809679.	1.3	3
46	Are preoperative platelet-lymphocyte and neutrophil-lymphocyte ratio prognostic factors for patients with esophageal squamous cell cancer?. <i>Ecological Management and Restoration</i> , 2016, 29, 704-704.	0.2	2
47	Letter regarding article by Kortram et al.: Risk factors for infectious complications after open fractures: a systematic review and meta-analysis. <i>International Orthopaedics</i> , 2017, 41, 2635-2636.	0.9	2
48	Comment on Singh et al.:A systematic review and meta-analysis of platelet-rich plasma versus corticosteroid injections for plantar fasciopathy. <i>International Orthopaedics</i> , 2018, 42, 219-220.	0.9	2
49	Letter regarding article by Zhu et al.: management of the mid-shaft clavicle fractures using plate fixation versus intramedullary fixation: an updated meta-analysis. <i>International Orthopaedics</i> , 2015, 39, 2521-2522.	0.9	1
50	Comment on PiÄ...tkowski et al.: Comparison of different locking plate fixation methods in distal tibia fractures. <i>International Orthopaedics</i> , 2016, 40, 859-859.	0.9	1
51	Mechanism of apoptosis of human osteosarcoma M-G63 induced by arsenic trioxide. <i>Central South University</i> , 2005, 12, 317-321.	0.5	0
52	Letter to the Editor: Do Longer Surgical Procedures Result in Greater Contamination of Surgeonsâ€™ Hands?. <i>Clinical Orthopaedics and Related Research</i> , 2016, 474, 2071-2072.	0.7	0
53	Psychometric Properties of a Simplified Chinese Version of the Secondary Trauma Questionnaire in a Potentially Traumatized Study Sample. <i>Frontiers in Psychology</i> , 2020, 11, 767.	1.1	0