

# Zhiyuan Guan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9085539/publications.pdf>

Version: 2024-02-01

19  
papers

166  
citations

1307594

7  
h-index

1281871

11  
g-index

21  
all docs

21  
docs citations

21  
times ranked

139  
citing authors

#	ARTICLE	IF	CITATIONS
1	The effects of metformin and alendronate in attenuating bone loss and improving glucose metabolism in diabetes mellitus mice. <i>Aging</i> , 2022, 14, 272-285.	3.1	11
2	The effect of whole-body vibration in osteopenic patients after total knee arthroplasty: a randomized controlled trial. <i>Aging Clinical and Experimental Research</i> , 2022, , 1.	2.9	4
3	Identification of Ferroptosis-Related Genes as Biomarkers for Sarcoma. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 847513.	3.7	4
4	The Role of Depletion of Gut Microbiota in Osteoporosis and Osteoarthritis: A Narrative Review. <i>Frontiers in Endocrinology</i> , 2022, 13, 847401.	3.5	13
5	Secreted Protein Acidic and Rich in Cysteine Mediates the Development and Progression of Diabetic Retinopathy. <i>Frontiers in Endocrinology</i> , 2022, 13, .	3.5	6
6	Computational numerical analysis of different cannulation methods during cardiopulmonary bypass of type A aortic dissection model based on computational fluid dynamics. <i>Annals of Translational Medicine</i> , 2021, 9, 667-667.	1.7	4
7	Long-term pretreatment with alendronate inhibits calvarial defect healing in an osteoporotic rat model. <i>Journal of Bone and Mineral Metabolism</i> , 2021, 39, 925-933.	2.7	2
8	Reversal of alopecia areata, osteoporosis follow treatment with activation of Tgr5 in mice. <i>Bioscience Reports</i> , 2021, 41, .	2.4	10
9	Onceâ€weekly parathyroid hormone combined with ongoing longâ€term alendronate treatment promotes osteoporotic fracture healing in ovariectomized rats. <i>Journal of Orthopaedic Research</i> , 2021, 39, 2103-2115.	2.3	6
10	Modified minimally invasive technique for decompression and reduction of thoracolumbar burst fracture with neurological symptoms: Technical Note. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 626.	2.3	5
11	Single-dose local intraosseous injection of simvastatin suppresses breast cancer with tumor vascular normalization. <i>Translational Oncology</i> , 2020, 13, 100867.	3.7	6
12	Short-term outcomes of on- vs off-pump coronary artery bypass grafting in patients with left ventricular dysfunction: a systematic review and meta-analysis. <i>Journal of Cardiothoracic Surgery</i> , 2020, 15, 84.	1.1	18
13	Expression profile analysis identifies key genes as prognostic markers for metastasis of osteosarcoma. <i>Cancer Cell International</i> , 2020, 20, 104.	4.1	17
14	Hemodynamic effects of pulsatile unloading of left ventricular assist devices (LVAD) on intraventricular flow and ventricular stress. <i>Journal of Biomechanics</i> , 2020, 103, 109425.	2.1	1
15	Effect of Single Versus Multiple Fractures on Systemic Bone Loss in Mice. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 567-578.	2.8	9
16	Gut microbiome dysbiosis alleviates the progression of osteoarthritis in mice. <i>Clinical Science</i> , 2020, 134, 3159-3174.	4.3	33
17	The Effect of Different Types of Mechanical Circulatory Support on Mortality of Patients after Adult Cardiac Surgery: A Systematic Review and Meta-Analysis. <i>Heart Surgery Forum</i> , 2020, 23, E537-E545.	0.5	0
18	Numerical analysis of aortic hemodynamics under the support of venoarterial extracorporeal membrane oxygenation and intra-aortic balloon pump. <i>Computer Methods and Programs in Biomedicine</i> , 2019, 182, 105041.	4.7	10

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19	Minimally Invasive CABG or Hybrid Coronary Revascularization for Multivessel Coronary Diseases: Which Is Best? A Systematic Review and Metaanalysis. Heart Surgery Forum, 2019, 22, E493-E502.	0.5	7