

# Yun Tian

## List of Publications by Year in descending order

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Version: 2024-02-01

64  
papers

1,392  
citations

304743

22  
h-index

395702

33  
g-index

76  
all docs

76  
docs citations

76  
times ranked

1364  
citing authors

#	ARTICLE	IF	CITATIONS
1	Progressive 3D Printing Technology and Its Application in Medical Materials. <i>Frontiers in Pharmacology</i> , 2020, 11, 122.	3.5	107
2	Injectable Hydrogels for Localized Cancer Therapy. <i>Frontiers in Chemistry</i> , 2019, 7, 675.	3.6	96
3	True complete left bundle branch block morphology strongly predicts good response to cardiac resynchronization therapy. <i>Europace</i> , 2013, 15, 1499-1506.	1.7	76
4	Cannulated Screw and Cable are Superior to Modified Tension Band in the Treatment of Transverse Patella Fractures. <i>Clinical Orthopaedics and Related Research</i> , 2011, 469, 3429-3435.	1.5	74
5	An Injectable Strong Hydrogel for Bone Reconstruction. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900709.	7.6	65
6	Porous Particle-Reinforced Bioactive Gelatin Scaffold for Large Segmental Bone Defect Repairing. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 6956-6964.	8.0	53
7	Risk factors for implant failure in reverse oblique and transverse intertrochanteric fractures treated with proximal femoral nail antirotation (PFNA). <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 350.	2.3	46
8	Additive manufacturing of Zn-Mg alloy porous scaffolds with enhanced osseointegration: In vitro and in vivo studies. <i>Acta Biomaterialia</i> , 2022, 145, 403-415.	8.3	46
9	Pattern of carbon allocation across three different stages of stand development of a Chinese pine ( <i>Pinus tabulaeformis</i> ) forest. <i>Ecological Research</i> , 2012, 27, 883-892.	1.5	45
10	Three-dimensional-printed individualized porous implants: A new "implant-bone" interface fusion concept for large bone defect treatment. <i>Bioactive Materials</i> , 2021, 6, 3659-3670.	15.6	44
11	Novel bioactive glass based injectable bone cement with improved osteoinductivity and its in vivo evaluation. <i>Scientific Reports</i> , 2017, 7, 3622.	3.3	43
12	Estimation and projection about the standardized prevalence of osteoporosis in mainland China. <i>Archives of Osteoporosis</i> , 2020, 15, 2.	2.4	40
13	Biodegradable magnesium alloy WE43 porous scaffolds fabricated by laser powder bed fusion for orthopedic applications: Process optimization, in vitro and in vivo investigation. <i>Bioactive Materials</i> , 2022, 16, 301-319.	15.6	38
14	Age-specific 1-year mortality rates after hip fracture based on the populations in mainland China between the years 2000 and 2018: a systematic analysis. <i>Archives of Osteoporosis</i> , 2019, 14, 55.	2.4	34
15	Using genetic variants to evaluate the causal effect of serum vitamin D concentration on COVID-19 susceptibility, severity and hospitalization traits: a Mendelian randomization study. <i>Journal of Translational Medicine</i> , 2021, 19, 300.	4.4	34
16	Sustainable release of vancomycin from micro-arc oxidised 3D-printed porous Ti6Al4V for treating methicillin-resistant <i>Staphylococcus aureus</i> bone infection and enhancing osteogenesis in a rabbit tibia osteomyelitis model. <i>Biomaterials Science</i> , 2020, 8, 3106-3115.	5.4	33
17	Predicting the need for blood transfusions in elderly patients with peritrochanteric femoral fractures. <i>Injury</i> , 2014, 45, 1932-1937.	1.7	29
18	Development and validation of a risk prediction model for tracheostomy in acute traumatic cervical spinal cord injury patients. <i>European Spine Journal</i> , 2015, 24, 975-984.	2.2	28

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19	Risk factors for implant failure after fixation of proximal femoral fractures with fracture of the lateral femoral wall. <i>Injury</i> , 2018, 49, 315-322.	1.7	28
20	Improved osseointegration with rhBMP-2 intraoperatively loaded in a specifically designed 3D-printed porous Ti6Al4V vertebral implant. <i>Biomaterials Science</i> , 2020, 8, 1279-1289.	5.4	28
21	Surface treatment of 3D printed porous Ti6Al4V implants by ultraviolet photofunctionalization for improved osseointegration. <i>Bioactive Materials</i> , 2022, 7, 26-38.	15.6	26
22	Processing optimization, mechanical properties, corrosion behavior and cytocompatibility of additively manufactured Zn-0.7Li biodegradable metals. <i>Acta Biomaterialia</i> , 2022, 142, 388-401.	8.3	26
23	Seasonal and interannual variations in ecosystem respiration in relation to temperature, moisture, and productivity in a temperate semi-arid shrubland. <i>Science of the Total Environment</i> , 2020, 709, 136210.	8.0	24
24	An innovative strategy to treat large metaphyseal segmental femoral bone defect using customized design and 3D printed micro-porous prosthesis: a prospective clinical study. <i>Journal of Materials Science: Materials in Medicine</i> , 2020, 31, 66.	3.6	24
25	High efficacy of tetra-PEG hydrogel sealants for sutureless dural closure. <i>Bioactive Materials</i> , 2022, 8, 12-19.	15.6	24
26	Bidirectional Causal Associations Between Inflammatory Bowel Disease and Ankylosing Spondylitis: A Two-Sample Mendelian Randomization Analysis. <i>Frontiers in Genetics</i> , 2020, 11, 587876.	2.3	23
27	Biphasic Double-Network Hydrogel With Compartmentalized Loading of Bioactive Glass for Osteochondral Defect Repair. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 752.	4.1	19
28	Relationship Between Serum Amino Acid Levels and Bone Mineral Density: A Mendelian Randomization Study. <i>Frontiers in Endocrinology</i> , 2021, 12, 763538.	3.5	17
29	Effects of grazing intensity on soil labile organic carbon fractions in a desert steppe area in Inner Mongolia. <i>SpringerPlus</i> , 2013, 2, S1.	1.2	16
30	Predictors and reduction techniques for irreducible reverse intertrochanteric fractures. <i>Chinese Medical Journal</i> , 2019, 132, 2534-2542.	2.3	16
31	Characteristics of vertebral CT Hounsfield units in elderly patients with acute vertebral fragility fractures. <i>European Spine Journal</i> , 2020, 29, 1092-1097.	2.2	15
32	Clinical predictors for deep vein thrombosis on admission in patients with intertrochanteric fractures: a retrospective study. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 328.	1.9	14
33	Risk factors for implant failure of intertrochanteric fractures with lateral femoral wall fracture after intramedullary nail fixation. <i>Injury</i> , 2021, 52, 3397-3403.	1.7	13
34	Role of miRNA-542a-5p in the tumorigenesis of osteosarcoma. <i>FEBS Open Bio</i> , 2020, 10, 627-636.	2.3	12
35	The summary of experience of abdominal vascular injury related to posterior lumbar surgery. <i>International Orthopaedics</i> , 2019, 43, 2191-2198.	1.9	11
36	Comparison of a Novel Tension Band and Patello tibial Tubercle Cerclage in the Treatment of Comminuted Fractures of Inferior Pole of the Patella. <i>Orthopaedic Surgery</i> , 2020, 12, 224-232.	1.8	11

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37	Hip fracture care and national systems: Australia and Asia. <i>OTA International the Open Access Journal of Orthopaedic Trauma</i> , 2020, 3, e058.	1.0	10
38	Type 2 Diabetes and Glycemic Traits Are Not Causal Factors of Osteoarthritis: A Two-Sample Mendelian Randomization Analysis. <i>Frontiers in Genetics</i> , 2020, 11, 597876.	2.3	9
39	Influence of Laser Energy Input and Shielding Gas Flow on Evaporation Fume during Laser Powder Bed Fusion of Zn Metal. <i>Materials</i> , 2021, 14, 2677.	2.9	9
40	Schizophrenia, Bipolar Disorder, and Alzheimer's Disease are not Causal Factors of Bone Mineral Density: A Mendelian Randomization Analysis. <i>Calcified Tissue International</i> , 2020, 106, 131-146.	3.1	8
41	Characteristics of intramedullary nail breakage in pertrochanteric femur fractures: a summary of 70 cases. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 676.	2.3	8
42	Radiological indicators to predict the application of assistant intubation techniques for patients undergoing cervical surgery. <i>BMC Anesthesiology</i> , 2020, 20, 238.	1.8	7
43	Comparison of femoral neck system to multiple cancellous screws and dynamic hip screws in the treatment of femoral neck fractures. <i>Injury</i> , 2023, 54, S28-S35.	1.7	7
44	Analysis of risk factors for revision in distal femoral fractures treated with lateral locking plate: a retrospective study in Chinese patients. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 318.	2.3	6
45	Reconstruction of Ipsilateral Femoral and Tibial Bone Defect by 3D Printed Porous Scaffold Without Bone Graft. <i>JBJS Case Connector</i> , 2022, 12, .	0.3	6
46	Compressed Sensing Reconstruction Algorithms with Prior Information: Logit Weight Simultaneous Orthogonal Matching Pursuit. , 2014, , .		5
47	Surgical Treatment for Cervical Spine Fracture in Patients With Ankylosing Spondylitis. <i>Clinical Spine Surgery</i> , 2021, 34, E308-E314.	1.3	5
48	A Distributed Compressed Sensing Scheme Based on One-Bit Quantization. , 2014, , .		4
49	Potential Value of Matrix Metalloproteinase-13 as a Biomarker for Osteoarthritis. <i>Frontiers in Surgery</i> , 2021, 8, 750047.	1.4	4
50	The Efficacy of Multidisciplinary Team Co-Management Program for Elderly Patients With Intertrochanteric Fractures: A Retrospective Study. <i>Frontiers in Surgery</i> , 2021, 8, 816763.	1.4	4
51	Possible predictors for difficult removal of locking plates: A case-control study. <i>Injury</i> , 2015, 46, 1161-1166.	1.7	3
52	Expression Patterns and Prognostic Values of ORMDL1 in Different Cancers. <i>BioMed Research International</i> , 2020, 2020, 1-14.	1.9	3
53	Mechanical Distribution and New Bone Regeneration After Implanting 3D Printed Prostheses for Repairing Metaphyseal Bone Defects: A Finite Element Analysis and Prospective Clinical Study. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, .	4.1	3
54	Intervertebral Bridging Ossification After Percutaneous Kyphoplasty in Osteoporotic Vertebral Compression Fractures. <i>World Neurosurgery</i> , 2019, 127, 633-636.e1.	1.3	2

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55	Expression profiles and prognostic significance of AFTPH in different tumors. FEBS Open Bio, 2020, 10, 2666-2677.	2.3	2
56	Proteomic analysis of human articular cartilage unravels the dyscoagulation in osteoarthritis and the potential value of serpinA5 as a biomarker for osteoarthritis. Proteomics - Clinical Applications, 2021, , 2100117.	1.6	2
57	Prospective study of preoperative autologous blood donation for patients with high risk of allogeneic blood transfusion in lumbar fusion surgery: a study protocol of a randomised controlled trial. BMJ Open, 2022, 12, e053846.	1.9	2
58	Percutaneous Cannulated Screw Fixation vs. Plating With Minimally Invasive Longitudinal Approach After Closed Reduction for Intra-Articular Tongue-Type Calcaneal Fractures: A Retrospective Cohort Study. Frontiers in Surgery, 2022, 9, 854210.	1.4	2
59	Non-sliding Fixation Shows Improved Clinical Outcomes for Displaced Femoral Neck Fractures as Compared to Sliding Fixation. Frontiers in Surgery, 2022, 9, 826159.	1.4	1
60	Integrity of the ECM Influences the Bone Regenerative Property of ECM/Dicalcium Phosphate Composite Scaffolds. ACS Applied Bio Materials, 0, , .	4.6	1
61	Substance of green waste compost adding bamboo vinegar as growth stimulator for Calathca rotundifolia cv. Fasciata. , 2011, , .		0
62	Loss of cardiac resynchronization during DDD pacing: What is the mechanism?. International Journal of Cardiology, 2013, 168, 5455-5457.	1.7	0
63	Letter to the editor concerning "Vicenti G, Bizzoca D, Nappi VS, et al. The impact of lag screw in the healing time of distal tibia fractures treated with minimally invasive plate osteosynthesis: A randomized clinical trial injury. 2020". Injury, 2020, 51, 1148-1149.	1.7	0
64	Presence of notched QRS on paced electrocardiographs as a predictor of poor response to cardiac resynchronization therapy. Chinese Medical Journal, 2014, 127, 2727-34.	2.3	0