

Xisheng Weng

List of Publications by Year in descending order

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Version: 2024-02-01

165
papers

4,303
citations

136950

32
h-index

155660

55
g-index

181
all docs

181
docs citations

181
times ranked

5498
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>TBX6</i> Null Variants and a Common Hypomorphic Allele in Congenital Scoliosis. <i>New England Journal of Medicine</i> , 2015, 372, 341-350.	27.0	239
2	Ankylosing spondylitis: etiology, pathogenesis, and treatments. <i>Bone Research</i> , 2019, 7, 22.	11.4	229
3	Self-Healing Silk Fibroin-Based Hydrogel for Bone Regeneration: Dynamic Metal-Ligand Self-Assembly Approach. <i>Advanced Functional Materials</i> , 2017, 27, 1700591.	14.9	200
4	Two-dimensional nanomaterials: fascinating materials in biomedical field. <i>Science Bulletin</i> , 2019, 64, 1707-1727.	9.0	171
5	MicroRNA-10b Promotes Nucleus Pulposus Cell Proliferation through RhoC-Akt Pathway by Targeting HOXD10 in Intervertebral Disc Degeneration. <i>PLoS ONE</i> , 2013, 8, e83080.	2.5	166
6	Multicentric epidemiologic study on six thousand three hundred and ninety five cases of femoral head osteonecrosis in China. <i>International Orthopaedics</i> , 2016, 40, 267-276.	1.9	118
7	Emerging Role of Exosomes in the Joint Diseases. <i>Cellular Physiology and Biochemistry</i> , 2018, 47, 2008-2017.	1.6	99
8	Glucocorticoid Receptor and Sequential P53 Activation by Dexamethasone Mediates Apoptosis and Cell Cycle Arrest of Osteoblastic MC3T3-E1 Cells. <i>PLoS ONE</i> , 2012, 7, e37030.	2.5	86
9	Multicomponent Transition Metal Dichalcogenide Nanosheets for Imaging-Guided Photothermal and Chemodynamic Therapy. <i>Advanced Science</i> , 2020, 7, 2000272.	11.2	86
10	Posterior Cruciate Ligament Retention versus Posterior Stabilization for Total Knee Arthroplasty: A Meta-Analysis. <i>PLoS ONE</i> , 2016, 11, e0147865.	2.5	77
11	A systematic review with meta-analysis of posterior interbody fusion versus posterolateral fusion in lumbar spondylolisthesis. <i>European Spine Journal</i> , 2014, 23, 43-56.	2.2	75
12	Efficacy and reliability of active robotic-assisted total knee arthroplasty compared with conventional total knee arthroplasty: a systematic review and meta-analysis. <i>Postgraduate Medical Journal</i> , 2019, 95, 125-133.	1.8	72
13	MiRNA-10b Reciprocally Stimulates Osteogenesis and Inhibits Adipogenesis Partly through the TGF- β 2/SMAD2 Signaling Pathway. , 2018, 9, 1058.		70
14	A New Operative Classification of Idiopathic Scoliosis: A Peking Union Medical College Method. <i>Spine</i> , 2005, 30, 1419-1426.	2.0	69
15	Chondrocytes-derived exosomal miR-8485 regulated the Wnt/ β -catenin pathways to promote chondrogenic differentiation of BMSCs. <i>Biochemical and Biophysical Research Communications</i> , 2020, 523, 506-513.	2.1	64
16	<i>TBX6</i> -associated congenital scoliosis (TACS) as a clinically distinguishable subtype of congenital scoliosis: further evidence supporting the compound inheritance and <i>TBX6</i> gene dosage model. <i>Genetics in Medicine</i> , 2019, 21, 1548-1558.	2.4	60
17	Cemented versus Uncemented Hemiarthroplasty for Femoral Neck Fractures in Elderly Patients: A Meta-Analysis. <i>PLoS ONE</i> , 2013, 8, e68903.	2.5	59
18	Dual Growing Rods Technique for Congenital Scoliosis. <i>Spine</i> , 2012, 37, E1639-E1644.	2.0	57

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19	microRNA-23a inhibits osteogenic differentiation of human bone marrow-derived mesenchymal stem cells by targeting LRP5. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 72, 55-62.	2.8	55
20	MIR-140-5p affects chondrocyte proliferation, apoptosis, and inflammation by targeting HMGB1 in osteoarthritis. <i>Inflammation Research</i> , 2020, 69, 63-73.	4.0	51
21	Posterior hemivertebra resection with bisegmental fusion for congenital scoliosis: more than 3-year outcomes and analysis of unanticipated surgeries. <i>European Spine Journal</i> , 2013, 22, 387-393.	2.2	49
22	MIR-1292 Targets FZD4 to Regulate Senescence and Osteogenic Differentiation of Stem Cells in TE/SJ/Mesenchymal Tissue System via the Wnt/ β 2-catenin Pathway. , 2018, 9, 1103.		49
23	Layered Double Hydroxide Modified Bone Cement Promoting Osseointegration <i>via</i> Multiple Osteogenic Signal Pathways. <i>ACS Nano</i> , 2021, 15, 9732-9745.	14.6	47
24	Genetic Polymorphism of LBX1 Is Associated With Adolescent Idiopathic Scoliosis in Northern Chinese Han Population. <i>Spine</i> , 2017, 42, 1125-1129.	2.0	45
25	How to Make the Best Use of Intraoperative Motor Evoked Potential Monitoring? Experience in 1162 Consecutive Spinal Deformity Surgical Procedures. <i>Spine</i> , 2014, 39, E1425-E1432.	2.0	43
26	MicroRNA Expression Profile of Dexamethasone-Induced Human Bone Marrow-Derived Mesenchymal Stem Cells During Osteogenic Differentiation. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 1683-1691.	2.6	43
27	Leptin Activates RhoA/ROCK Pathway to Induce Cytoskeleton Remodeling in Nucleus Pulposus Cells. <i>International Journal of Molecular Sciences</i> , 2014, 15, 1176-1188.	4.1	42
28	Ultrathin chalcogenide nanosheets for photoacoustic imaging-guided synergistic photothermal/gas therapy. <i>Biomaterials</i> , 2021, 273, 120807.	11.4	42
29	Chinese expert consensus on the diagnosis of osteoporosis by imaging and bone mineral density. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020, 10, 2066-2077.	2.0	40
30	The limited use of a tourniquet during total knee arthroplasty: A randomized controlled trial. <i>Knee</i> , 2014, 21, 1263-1268.	1.6	39
31	Identification of differentially expressed long noncoding RNAs in human knee osteoarthritis. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 4620-4633.	2.6	38
32	MicroRNA expression in bone marrow mesenchymal stem cells from mice with steroid-induced osteonecrosis of the femoral head. <i>Molecular Medicine Reports</i> , 2015, 12, 7447-7454.	2.4	37
33	The role of preoperative pulmonary function tests in the surgical treatment of extremely severe scoliosis. <i>Journal of Orthopaedic Surgery and Research</i> , 2013, 8, 32.	2.3	35
34	Layered double hydroxide nanosheets: towards ultrasensitive tumor microenvironment responsive synergistic therapy. <i>Journal of Materials Chemistry B</i> , 2020, 8, 1445-1455.	5.8	35
35	Systemic application of teriparatide for steroid induced osteonecrosis in a rat model. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 163.	1.9	34
36	Prognostic value of intraoperative MEP signal improvement during surgical treatment of cervical compressive myelopathy. <i>European Spine Journal</i> , 2016, 25, 1875-1880.	2.2	33

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37	Emerging roles of MicroRNAs in osteonecrosis of the femoral head. <i>Cell Proliferation</i> , 2018, 51, .	5.3	32
38	The role of lncRNA RP11154D6 in steroid-induced osteonecrosis of the femoral head through BMSC regulation. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 18435-18445.	2.6	32
39	Recent advancements in two-dimensional nanomaterials for drug delivery. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2020, 12, e1596.	6.1	32
40	Chondrogenesis mediates progression of ankylosing spondylitis through heterotopic ossification. <i>Bone Research</i> , 2021, 9, 19.	11.4	32
41	Long-Term Follow-Up of Cemented Fixed-Bearing Total Knee Arthroplasty in a Chinese Population: A Survival Analysis of More Than 10 Years. <i>Journal of Arthroplasty</i> , 2013, 28, 1701-1706.	3.1	31
42	Lenke 5C Curves in Adolescent Idiopathic Scoliosis. <i>Neurosurgery</i> , 2016, 78, 324-331.	1.1	31
43	Circular RNA expression profile of knee condyle in osteoarthritis by illumina HiSeq platform. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 17500-17511.	2.6	31
44	Surgical Treatments of Tumor-Induced Osteomalacia Lesions in Long Bones. <i>Journal of Bone and Joint Surgery - Series A</i> , 2015, 97, 1084-1094.	3.0	29
45	An analysis of thoracic cage deformities and pulmonary function tests in congenital scoliosis. <i>European Spine Journal</i> , 2015, 24, 1415-1421.	2.2	29
46	Artificial Intelligence-Assisted System in Postoperative Follow-up of Orthopedic Patients: Exploratory Quantitative and Qualitative Study. <i>Journal of Medical Internet Research</i> , 2020, 22, e16896.	4.3	28
47	The effectiveness and safety of preoperative use of erythropoietin in patients scheduled for total hip or knee arthroplasty. <i>Medicine (United States)</i> , 2016, 95, e4122.	1.0	27
48	Association between ADAMTS-4 gene polymorphism and lumbar disc degeneration in Chinese Han population. <i>Journal of Orthopaedic Research</i> , 2016, 34, 860-864.	2.3	26
49	hsa-miR-15a exerts protective effects against osteoarthritis by targeting aggrecanase-2 (ADAMTS5) in human chondrocytes. <i>International Journal of Molecular Medicine</i> , 2016, 37, 509-516.	4.0	26
50	The aim of this retrospective study is to evaluate the efficacy and safety of posterior-only vertebral column resection (PVCR) for the treatment of angular and isolated congenital kyphosis. <i>European Spine Journal</i> , 2017, 26, 1817-1825.	2.2	26
51	RNA sequencing reveals the circular RNA expression profiles of osteoarthritic synovium. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 18031-18040.	2.6	26
52	Mineralized Collagen Modified Polymethyl Methacrylate Bone Cement for Osteoporotic Compression Vertebral Fracture at 1-Year Follow-up. <i>Spine</i> , 2019, 44, 827-838.	2.0	26
53	Patellar Denervation in Total Knee Arthroplasty Without Patellar Resurfacing and Postoperative Anterior Knee Pain: A Meta-Analysis of Randomized Controlled Trials. <i>Journal of Arthroplasty</i> , 2014, 29, 2309-2313.	3.1	24
54	One-Stage Posterior Osteotomy With Short Segmental Fusion and Dual Growing Rod Technique for Severe Rigid Congenital Scoliosis. <i>Spine</i> , 2014, 39, E294-E299.	2.0	23

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55	Nanomaterials as Promising Theranostic Tools in Nanomedicine and Their Applications in Clinical Disease Diagnosis and Treatment. <i>Nanomaterials</i> , 2021, 11, 3346.	4.1	23
56	Rib Deformities in Congenital Scoliosis. <i>Spine</i> , 2013, 38, E1656-E1661.	2.0	22
57	Unplanned Reoperation within 30 Days of Fusion Surgery for Spinal Deformity. <i>PLoS ONE</i> , 2014, 9, e87172.	2.5	22
58	Pathogenesis of glucocorticoid-induced avascular necrosis: A microarray analysis of gene expression in vitro. <i>International Journal of Molecular Medicine</i> , 2015, 36, 678-684.	4.0	22
59	3D-printed porous titanium changed femoral head repair growth patterns: osteogenesis and vascularisation in porous titanium. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 62.	3.6	22
60	The precision and reliability evaluation of 3-dimensional printed damaged bone and prosthesis models by stereo lithography appearance. <i>Medicine (United States)</i> , 2018, 97, e9797.	1.0	22
61	Biodegradable Si3N4 bioceramic sintered with Sr, Mg and Si for spinal fusion: Surface characterization and biological evaluation. <i>Applied Materials Today</i> , 2018, 12, 260-275.	4.3	22
62	Non-continuous versus continuous wound drainage after total knee arthroplasty: a meta-analysis. <i>International Orthopaedics</i> , 2014, 38, 361-371.	1.9	21
63	Intraoperative motor evoked potential monitoring to patients with preoperative spinal deficits: judging its feasibility and analyzing the significance of rapid signal loss. <i>Spine Journal</i> , 2017, 17, 777-783.	1.3	21
64	Adding Patella Resurfacing After Circumpatellar Electrocautery Did Not Improve the Clinical Outcome in Bilateral Total Knee Arthroplasty in Chinese Population: A Prospective Randomized Study. <i>Journal of Arthroplasty</i> , 2018, 33, 1057-1061.	3.1	21
65	Pain relieving effect of dexmedetomidine in patients undergoing total knee or hip arthroplasty. <i>Medicine (United States)</i> , 2020, 99, e18538.	1.0	21
66	Changed cellular functions and aberrantly expressed miRNAs and circRNAs in bone marrow stem $\frac{1}{2}$ cells in osteonecrosis of the femoral head. <i>International Journal of Molecular Medicine</i> , 2020, 45, 805-815.	4.0	21
67	Comparison of Reliability Between the PUMC and Lenke Classification Systems for Classifying Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2008, 33, E836-E842.	2.0	20
68	Surgical Treatment for Hemophilic Pseudotumor. <i>Journal of Bone and Joint Surgery - Series A</i> , 2017, 99, 947-953.	3.0	20
69	Magnesium-based layered double hydroxide nanosheets: a new bone repair material with unprecedented osteogenic differentiation performance. <i>Nanoscale</i> , 2020, 12, 19075-19082.	5.6	20
70	Posterior-only Hemivertebra Resection With Anterior Structural Reconstruction With Titanium Mesh Cage and Short Segmental Fusion for the Treatment of Congenital Scoliokyphosis. <i>Spine</i> , 2017, 42, 1687-1692.	2.0	19
71	Influence of Nano-HA Coated Bone Collagen to Acrylic (Polymethylmethacrylate) Bone Cement on Mechanical Properties and Bioactivity. <i>PLoS ONE</i> , 2015, 10, e0129018.	2.5	19
72	MicroRNA-23a-3p inhibitor decreases osteonecrosis incidence in a rat model. <i>Molecular Medicine Reports</i> , 2017, 16, 9331-9336.	2.4	18

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73	Postoperative intravenous parecoxib sodium followed by oral celecoxib post total knee arthroplasty in osteoarthritis patients (PIPFORCE): a multicentre, double-blind, randomised, placebo-controlled trial. <i>BMJ Open</i> , 2020, 10, e030501.	1.9	18
74	To Predict the Length of Hospital Stay After Total Knee Arthroplasty in an Orthopedic Center in China: The Use of Machine Learning Algorithms. <i>Frontiers in Surgery</i> , 2021, 8, 606038.	1.4	18
75	Preliminary screening of differentially expressed circulating microRNAs in patients with steroid-induced osteonecrosis of the femoral head. <i>Molecular Medicine Reports</i> , 2014, 10, 3118-3124.	2.4	17
76	Self-healing and injectable hybrid hydrogel for bone regeneration of femoral head necrosis and defect. <i>Biochemical and Biophysical Research Communications</i> , 2019, 508, 25-30.	2.1	17
77	LncRNA THUMPD3-AS1 enhances the proliferation and inflammatory response of chondrocytes in osteoarthritis. <i>International Immunopharmacology</i> , 2021, 100, 108138.	3.8	17
78	A bioactive polymethylmethacrylate bone cement for prosthesis fixation in osteoporotic hip replacement surgery. <i>Materials and Design</i> , 2021, 209, 109966.	7.0	17
79	Clinical outcomes of ceramic femoral prosthesis in total knee arthroplasty: a systematic review. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 57.	2.3	16
80	Identification of changed expression of mRNAs and lncRNAs in osteoarthritic synovium by RNA-sequencing. <i>Gene</i> , 2019, 685, 55-61.	2.2	16
81	Altered function in cartilage derived mesenchymal stem cell leads to OA-related cartilage erosion. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 433-46.	0.0	16
82	Clinical evaluation following the use of mineralized collagen graft for bone defects in revision total hip arthroplasty. <i>International Journal of Energy Production and Management</i> , 2015, 2, 245-249.	3.7	15
83	Neuroma of the Infrapatellar branch of the saphenous nerve following Total knee Arthroplasty: a case report. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 536.	1.9	15
84	Structural and tribological characteristics of ultra-low-wear polyethylene as artificial joint materials. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 104, 103629.	3.1	14
85	The Effect of Previous Coronary Artery Revascularization on the Adverse Cardiac Events Ninety days After Total Joint Arthroplasty. <i>Journal of Arthroplasty</i> , 2018, 33, 235-240.	3.1	13
86	Biological evaluation of bone substitute. <i>Clinica Chimica Acta</i> , 2020, 510, 544-555.	1.1	13
87	Risk factors of postoperative nausea and vomiting after total hip arthroplasty or total knee arthroplasty: a retrospective study. <i>Annals of Translational Medicine</i> , 2020, 8, 1088-1088.	1.7	13
88	The analgesic efficacy and safety of peri-articular injection versus intra-articular injection in one-stage bilateral total knee arthroplasty: a randomized controlled trial. <i>BMC Anesthesiology</i> , 2020, 20, 2.	1.8	13
89	NR4A1 promotes TNF α -induced chondrocyte death and migration injury via activating the $\frac{1}{2}$ AMPK/Drp1/mitochondrial fission pathway. <i>International Journal of Molecular Medicine</i> , 2020, 45, 151-161.	4.0	13
90	Small gap sleeve bridging can improve the accuracy of peripheral nerve selective regeneration. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2013, 41, 402-407.	2.8	12

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91	The prognostic implication of slug in all tumour patients – a systematic meta-analysis. <i>European Journal of Clinical Investigation</i> , 2016, 46, 398-407.	3.4	12
92	Efficacy and safety of Postoperative Intravenous Parecoxib sodium Followed by Oral Celecoxib (PIPFORCE) post-total knee arthroplasty in patients with osteoarthritis: a study protocol for a multicentre, double-blind, parallel-group trial. <i>BMJ Open</i> , 2016, 6, e011732.	1.9	12
93	Injectable tricalcium phosphate/calcium sulfate granule enhances bone repair by reversible setting reaction. <i>Biochemical and Biophysical Research Communications</i> , 2021, 557, 151-158.	2.1	12
94	Recent Developments and Current Applications of Hydrogels in Osteoarthritis. <i>Bioengineering</i> , 2022, 9, 132.	3.5	12
95	Elevated Level of Membrane Microparticles in the Disease of Steroid-Induced Vascular Osteonecrosis. <i>Journal of Craniofacial Surgery</i> , 2013, 24, 1252-1256.	0.7	11
96	Surgical management of hemophilic pseudotumor complicated by destructive osteoarthropathy. <i>Blood Coagulation and Fibrinolysis</i> , 2015, 26, 373-377.	1.0	11
97	Comparison of 90-Day Complication Rates and Cost Between Single and Multiple Joint Procedures for End-Stage Arthropathy in Patients with Hemophilia. <i>JBJS Open Access</i> , 2018, 3, e0026.	1.5	11
98	Management of knee flexion contracture in haemophilia with the Ilizarov technique. <i>Knee</i> , 2019, 26, 201-206.	1.6	11
99	Surgical Management of Haemophilic Pseudotumors: Experience in a Developing Country. <i>Journal of Investigative Surgery</i> , 2019, 32, 127-136.	1.3	11
100	An Innovative Broken Pedicle Screw Retrieval Instrument. <i>Journal of Spinal Disorders and Techniques</i> , 2007, 20, 82-84.	1.9	10
101	Simultaneous bilateral total knee arthroplasty in patients with end-stage hemophilic arthropathy: a mean follow-up of 6 years. <i>Scientific Reports</i> , 2018, 8, 1608.	3.3	10
102	Complications of total knee arthroplasty in patients with haemophilia compared with osteoarthritis and rheumatoid arthritis: A 20-year single-surgeon cohort. <i>Haemophilia</i> , 2020, 26, 861-866.	2.1	10
103	Thoracolumbar Scoliosis Due to Cryptococcal Osteomyelitis. <i>Medicine (United States)</i> , 2016, 95, e2613.	1.0	9
104	Roles and mechanisms of leptin in osteogenic stimulation in cervical ossification of the posterior longitudinal ligament. <i>Journal of Orthopaedic Surgery and Research</i> , 2018, 13, 165.	2.3	9
105	General Assembly, Prevention, Blood Conservation: Proceedings of International Consensus on Orthopedic Infections. <i>Journal of Arthroplasty</i> , 2019, 34, S147-S155.	3.1	9
106	Mst1 promotes mitochondrial dysfunction and apoptosis in oxidative stress-induced rheumatoid arthritis synoviocytes. <i>Aging</i> , 2020, 12, 16211-16223.	3.1	9
107	The Efficacy and Safety of Glucocorticoid on Periarticular Infiltration Analgesia in Total Knee Arthroplasty: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Journal of Arthroplasty</i> , 2021, 36, 3340-3350.	3.1	8
108	Course of fever and potential infection after total joint replacement. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015, 23, 1870-1876.	4.2	7

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109	Safety and cardiovascular effects of mineralocorticoid receptor antagonists for patients receiving hemodialysis: a systematic review and meta-analysis. <i>Renal Failure</i> , 2016, 38, 589-599.	2.1	7
110	Posterior Correction Without Rib-head Resection for Patients With Neurofibromatosis Type 1, Dystrophic Scoliosis, and Rib-head Protrusion Into the Spinal Canal. <i>Clinical Spine Surgery</i> , 2017, 30, 32-37.	1.3	7
111	Hemophilic arthropathy in a patient with multi-joint replacement. <i>Medicine (United States)</i> , 2018, 97, e11163.	1.0	7
112	Urine Proteomics Profiling and Functional Characterization of Knee Osteoarthritis Using iTRAQ Technology. <i>Hormone and Metabolic Research</i> , 2019, 51, 735-740.	1.5	7
113	Cemented injectable multi-phased porous bone grafts for the treatment of femoral head necrosis. <i>Journal of Materials Chemistry B</i> , 2019, 7, 2997-3006.	5.8	7
114	Better clinical outcome of total knee arthroplasty for rheumatoid arthritis with perioperative glucocorticoids and disease-modifying anti-rheumatic drugs after an average of 11.4-year follow-up. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 84.	2.3	7
115	Pain Management Using Perioperative Administration of Parecoxib for Total Hip Arthroplasty: A Randomized, Double-Blind, Placebo-Controlled Trial. <i>Pain Physician</i> , 2019, 22, 575-582.	0.4	7
116	Intra-operative MEP monitoring can work well in the patients with neural axis abnormality. <i>European Spine Journal</i> , 2016, 25, 3194-3200.	2.2	6
117	Open repair of intraoperative popliteal artery injury during total knee arthroplasty in a patient with severe hemophilia A. <i>Medicine (United States)</i> , 2017, 96, e8791.	1.0	6
118	Total hip/knee arthroplasty in the treatment of tumor-induced osteomalacia patients: More than 1 year follow-up. <i>PLoS ONE</i> , 2017, 12, e0177835.	2.5	6
119	Comparison of ceramic-on-ceramic bearing vs ceramic-on-highly cross-linked polyethylene-bearing surfaces in total hip arthroplasty for avascular necrosis of femoral head: a prospective cohort study with a mid-term follow-up. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 388.	2.3	6
120	Continuous block at the proximal end of the adductor canal provides better analgesia compared to that at the middle of the canal after total knee arthroplasty: a randomized, double-blind, controlled trial. <i>BMC Anesthesiology</i> , 2020, 20, 260.	1.8	6
121	Early wound complications after orthopaedic surgery for haemophilia: What can we do more. <i>Haemophilia</i> , 2020, 26, 882-890.	2.1	6
122	Mutational burden and potential oligogenic model of TBX6-mediated genes in congenital scoliosis. <i>Molecular Genetics & Genomic Medicine</i> , 2020, 8, e1453.	1.2	6
123	Long term follow up of clinical outcome between patellar resurfacing and nonresurfacing in total knee arthroplasty: Chinese experience. <i>Chinese Medical Journal</i> , 2014, 127, 3845-51.	2.3	6
124	Meniscus repair: up-to-date advances in stem cell-based therapy. <i>Stem Cell Research and Therapy</i> , 2022, 13, 207.	5.5	6
125	The changes of the interspace angle after anterior correction and instrumentation in adolescent idiopathic scoliosis patients. <i>Journal of Orthopaedic Surgery and Research</i> , 2007, 2, 17.	2.3	5
126	Effects of infrapatellar fat pad preservation versus resection on clinical outcomes after total knee arthroplasty in patients with knee osteoarthritis (IPAKA): study protocol for a multicentre, randomised, controlled clinical trial. <i>BMJ Open</i> , 2020, 10, e043088.	1.9	5

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127	No difference in clinical outcome and survivorship after total knee arthroplasty with patellar resurfacing and nonresurfacing after minimum 10-year follow-up. <i>Medicine (United States)</i> , 2020, 99, e19080.	1.0	5
128	Different diagnostic performance of plasma fibrinogen and D-dimer in periprosthetic joint infection: a propensity score matched study. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 422.	1.9	5
129	Vitamin E highly cross-linked polyethylene reduces mid-term wear in primary total hip replacement: a meta-analysis and systematic review of randomized clinical trials using radiostereometric analysis. <i>EFORT Open Reviews</i> , 2021, 6, 759-770.	4.1	5
130	Complications analysis of posterior vertebral column resection in 40 patients with spinal tumors. <i>Experimental and Therapeutic Medicine</i> , 2014, 8, 1539-1544.	1.8	4
131	Change in the cause of inpatient mortality after arthroplasty: a retrospective study. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 180.	2.3	4
132	Occult fracture in teenager's tibia revealed by MRI. <i>Lancet, The</i> , 2020, 396, 1914.	13.7	4
133	Bone-strengthening pill (BSP) promotes bone cell and chondrocyte repair, and the clinical and experimental study of BSP in the treatment of osteonecrosis of the femoral head. <i>Oncotarget</i> , 2017, 8, 97079-97089.	1.8	4
134	Comparison of the clinical and radiological outcomes following midvastus and medial parapatellar approaches for total knee arthroplasty: a meta-analysis. <i>Chinese Medical Journal</i> , 2014, 127, 2982-90.	2.3	4
135	Efficacy of a modified coagulation factor substitution for total hip arthroplasty in patients with end-stage haemophilic arthropathy. <i>Blood Coagulation and Fibrinolysis</i> , 2017, 28, 24-27.	1.0	3
136	Mid-Term Outcome of Total Hip Arthroplasty in Patients With Progressive Pseudorheumatoid Dysplasia. <i>Journal of Clinical Rheumatology</i> , 2019, Publish Ahead of Print, 156-160.	0.9	3
137	Hemophilic Pseudotumor. <i>New England Journal of Medicine</i> , 2020, 382, 2033-2033.	27.0	3
138	Prolonged-Release (PR) Oxycodone/Naloxone Improves Bowel Function Compared with Oxycodone PR and Provides Effective Analgesia in Chinese Patients with Non-malignant Pain: A Randomized, Double-Blind Trial. <i>Advances in Therapy</i> , 2020, 37, 1188-1202.	2.9	3
139	Effect of tranexamic acid on symptomatic venous thromboembolism in patients undergoing primary total knee arthroplasty. <i>Archives of Medical Science</i> , 2020, 16, 603-612.	0.9	3
140	Glomus tumors around or in the knee: a case report and literature review. <i>BMC Surgery</i> , 2022, 22, 97.	1.3	3
141	Axial Vascularization of Nano-HA/Collagen/PLA Composites by Arteriovenous Bundle. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-6.	2.7	2
142	Prolonged Hoarseness Caused by Arytenoid Dislocation After Anterior Cervical Corpectomy and Fusion. <i>Spine</i> , 2016, 41, E174-E177.	2.0	2
143	Ilizarov technique in an adolescent patient with progressive pseudorheumatoid dysplasia. <i>Medicine (United States)</i> , 2018, 97, e11375.	1.0	2
144	Application of optimized nursing process to perioperative patients with haemophilic pseudotumours. <i>Haemophilia</i> , 2018, 24, e375-e378.	2.1	2

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145	Injectable and assembled 3D solid structure for free-to-fixed shape in bone reconstruction. <i>Applied Materials Today</i> , 2020, 21, 100823.	4.3	2
146	Local Efficacy of Corticosteroids as an Adjuvant for Periarticular Cocktail Injection in Simultaneous Bilateral Total Knee Arthroplasty: A Prospective Randomized Double-Blind Controlled Trial. <i>Pain Research and Management</i> , 2021, 2021, 1-8.	1.8	2
147	Identification of long non-coding RNAs expressed during the 1/2 osteogenic differentiation of human bone marrow-derived mesenchymal stem cells obtained from patients with ONFH. <i>International Journal of Molecular Medicine</i> , 2020, 46, 1721-1732.	4.0	2
148	Bone-strengthening supplement (BSP) promotes bone and cartilage repair, for the treatment of Osteonecrosis of Femoral Head: an MRI-based study. <i>American Journal of Translational Research (discontinued)</i> , 2019, 11, 7449-7455.	0.0	2
149	Risk Factors for Amputation in the Surgical Treatment of Hemophilic Osteoarthropathy: A 20-Year Single-Center Report. <i>Pain Research and Management</i> , 2022, 2022, 1-10.	1.8	2
150	Preoperative Use of Aspirin in Total Knee Arthroplasty: Safe or Not?. <i>Orthopaedic Surgery</i> , 0, , .	1.8	2
151	Vascularization of Nanohydroxyapatite/Collagen/Poly(L-lactic acid) Composites by Implanting Intramuscularly In Vivo. <i>International Journal of Polymer Science</i> , 2014, 2014, 1-5.	2.7	1
152	Enhancement of VEGF on Axial Vascularization of Nano-HA/Collagen/PLA Composites: A Histomorphometric Study on Rabbits. <i>International Journal of Polymer Science</i> , 2014, 2014, 1-6.	2.7	1
153	Reply to comment on Li et al.: Noncontinuous versus continuous wound drainage after total knee arthroplasty: a meta-analysis. <i>International Orthopaedics</i> , 2014, 38, 1545-1546.	1.9	1
154	CCN6 mutation detection in Chinese patients with progressive pseudo-rheumatoid dysplasia and identification of four novel mutations. <i>Molecular Genetics & Genomic Medicine</i> , 2020, 8, e1261.	1.2	1
155	Characterization of Thermosensitive and Biocompatible Property of Chitosan/Glycerophosphate Hydrogel. <i>Journal of Biomaterials and Tissue Engineering</i> , 2015, 5, 329-333.	0.1	1
156	Pain Management Using Perioperative Administration of Parecoxib for Total Hip Arthroplasty: A Randomized, Double-Blind, Placebo-Controlled Trial. <i>Pain Physician</i> , 2019, 6, 575-582.	0.4	1
157	Degree of coronal alignment correction can predict knee function in total knee replacement. <i>BMC Surgery</i> , 2021, 21, 383.	1.3	1
158	Glomus tumors associated with the bone and joints: a review of 91 cases. <i>Annals of Translational Medicine</i> , 2020, 8, 1460.	1.7	1
159	Morphology characters of resected femoral and tibial surface in chinese population: intraoperative anthropometric study in patients at a tertiary hospital. <i>BMC Surgery</i> , 2022, 22, 144.	1.3	1
160	Protective role of microRNA-23a/b-3p inhibition against osteoarthritis through Gremlin1-depenent activation of TGF- β 2/smad signaling in chondrocytes. <i>Inflammopharmacology</i> , 2022, 30, 843-853.	3.9	1
161	High Wear Resistance of Ultralow-Wear Polyethylene with Different Molecular Weights Under Different Contact Pressure. <i>Tribology Letters</i> , 2022, 70, 1.	2.6	1
162	Reply to comment on Li et al.: Non-continuous versus continuous wound drainage after total knee arthroplasty: a meta-analysis. <i>International Orthopaedics</i> , 2014, 38, 2219-2220.	1.9	0

#	ARTICLE	IF	CITATIONS
163	Letter to the Editor on “Patients With Major Depressive Disorder Experience Increased Perception of Pain and Opioid Consumption Following Total Joint Arthroplasty” Journal of Arthroplasty, 2018, 33, 2699-2700.	3.1	0
164	Patients with neuromyelitis optica spectrum disorder (NMOSD) are associated with adverse outcome after total hip arthroplasty: a matched case-control study. Orphanet Journal of Rare Diseases, 2021, 16, 369.	2.7	0
165	Chinese Bone-Strengthening Pill for the Treatment of Osteoarthritis: An MRI-Based Study. SSRN Electronic Journal, 0, , .	0.4	0