

# Xisheng Weng

## List of Publications by Year in descending order

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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	Recent Developments and Current Applications of Hydrogels in Osteoarthritis. <i>Bioengineering</i> , 2022, 9, 132.	3.5	12
2	Glomus tumors around or in the knee: a case report and literature review. <i>BMC Surgery</i> , 2022, 22, 97.	1.3	3
3	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
4	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
5	Protective role of microRNA-23a/b-3p inhibition against osteoarthritis through Gremlin1-depenent activation of TGF- $\beta$ 2/smad signaling in chondrocytesa. <i>Inflammopharmacology</i> , 2022, 30, 843-853.	3.9	1
6	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
7	Meniscus repair: up-to-date advances in stem cell-based therapy. <i>Stem Cell Research and Therapy</i> , 2022, 13, 207.	5.5	6
8	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
9	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
10	Chondrogenesis mediates progression of ankylosing spondylitis through heterotopic ossification. <i>Bone Research</i> , 2021, 9, 19.	11.4	32
11	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
12	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
13	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
14	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
15	Ultrathin chalcogenide nanosheets for photoacoustic imaging-guided synergistic photothermal/gas therapy. <i>Biomaterials</i> , 2021, 273, 120807.	11.4	42
16	Patients with neuromyelitis optica spectrum disorder (NMOSD) are associated with adverse outcome after total hip arthroplasty: a matched caseâ€“control study. <i>Orphanet Journal of Rare Diseases</i> , 2021, 16, 369.	2.7	0
17	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
18	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

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19	LncRNA THUMPD3-AS1 enhances the proliferation and inflammatory response of chondrocytes in osteoarthritis. <i>International Immunopharmacology</i> , 2021, 100, 108138.	3.8	17
20	A bioactive polymethylmethacrylate bone cement for prosthesis fixation in osteoporotic hip replacement surgery. <i>Materials and Design</i> , 2021, 209, 109966.	7.0	17
21	Degree of coronal alignment correction canâ€™t predict knee function in total knee replacement. <i>BMC Surgery</i> , 2021, 21, 383.	1.3	1
22	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
23	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
24	Recent advancements in twoâ€dimensional nanomaterials for drug delivery. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2020, 12, e1596.	6.1	32
25	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
26	Chondrocytes-derived exosomal miR-8485 regulated the Wnt/ $\beta$ -catenin pathways to promote chondrogenic differentiation of BMSCs. <i>Biochemical and Biophysical Research Communications</i> , 2020, 523, 506-513.	2.1	64
27	Pain relieving effect of dexmedetomidine in patients undergoing total knee or hip arthroplasty. <i>Medicine (United States)</i> , 2020, 99, e18538.	1.0	21
28	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
29	Biological evaluation of bone substitute. <i>Clinica Chimica Acta</i> , 2020, 510, 544-555.	1.1	13
30	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
31	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
32	Multicomponent Transition Metal Dichalcogenide Nanosheets for Imagingâ€Guided Photothermal and Chemodynamic Therapy. <i>Advanced Science</i> , 2020, 7, 2000272.	11.2	86
33	Early wound complications after orthopaedic surgery for haemophilia: What can we do more. <i>Haemophilia</i> , 2020, 26, 882-890.	2.1	6
34	Complications of total knee arthroplasty in patients with haemophilia compared with osteoarthritis and rheumatoid arthritis: A 20â€year singleâ€surgeon cohort. <i>Haemophilia</i> , 2020, 26, 861-866.	2.1	10
35	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
36	Mutational burden and potential oligogenic model of <i>TBX6</i> -mediated genes in congenital scoliosis. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2020, 8, e1453.	1.2	6

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37	Occult fracture in teenager's tibia revealed by MRI. <i>Lancet, The</i> , 2020, 396, 1914.	13.7	4
38	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
39	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
40	Hemophilic Pseudotumor. <i>New England Journal of Medicine</i> , 2020, 382, 2033-2033.	27.0	3
41	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
42	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
43	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
44	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
45	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
46	CCN6 mutation detection in Chinese patients with progressive pseudo-rheumatoid dysplasia and identification of four novel mutations. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2020, 8, e1261.	1.2	1
47	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
48	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
49	NR4A1 promotes TNF-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
50	Changed cellular functions and aberrantly expressed miRNAs and circRNAs in bone marrow stem cells in osteonecrosis of the femoral head. <i>International Journal of Molecular Medicine</i> , 2020, 45, 805-815.	4.0	21
51	Mst1 promotes mitochondrial dysfunction and apoptosis in oxidative stress-induced rheumatoid arthritis synoviocytes. <i>Aging</i> , 2020, 12, 16211-16223.	3.1	9
52	Identification of long non-coding RNAs expressed during the 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
53	Clonus tumors associated with the bone and joints: a review of 91 cases. <i>Annals of Translational Medicine</i> , 2020, 8, 1460.	1.7	1
54	Ankylosing spondylitis: etiology, pathogenesis, and treatments. <i>Bone Research</i> , 2019, 7, 22.	11.4	229

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55	Two-dimensional nanomaterials: fascinating materials in biomedical field. <i>Science Bulletin</i> , 2019, 64, 1707-1727.	9.0	171
56	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
57	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
58	RNA sequencing reveals the circular RNA expression profiles of osteoarthritic synovium. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 18031-18040.	2.6	26
59	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
60	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
61	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
62	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
63	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
64	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
65	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
66	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
67	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
68	Management of knee flexion contracture in haemophilia with the Ilizarov technique. <i>Knee</i> , 2019, 26, 201-206.	1.6	11
69	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
70	TBX6-associated congenital scoliosis (TACS) as a clinically distinguishable subtype of congenital scoliosis: further evidence supporting the compound inheritance and TBX6 gene dosage model. <i>Genetics in Medicine</i> , 2019, 21, 1548-1558.	2.4	60
71	General Assembly, Prevention, Blood Conservation: Proceedings of International Consensus on Orthopedic Infections. <i>Journal of Arthroplasty</i> , 2019, 34, S147-S155.	3.1	9
72	Identification of changed expression of mRNAs and lncRNAs in osteoarthritic synovium by RNA-sequencing. <i>Gene</i> , 2019, 685, 55-61.	2.2	16

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73	Identification of differentially expressed long noncoding RNAs in human knee osteoarthritis. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 4620-4633.	2.6	38
74	Surgical Management of Haemophilic Pseudotumors: Experience in a Developing Country. <i>Journal of Investigative Surgery</i> , 2019, 32, 127-136.	1.3	11
75	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
76	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
77	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
78	Letter to the Editor on "Patients With Major Depressive Disorder Experience Increased Perception of Pain and Opioid Consumption Following Total Joint Arthroplasty". <i>Journal of Arthroplasty</i> , 2018, 33, 2699-2700.	3.1	0
79	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
80	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
81	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
82	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
83	Emerging roles of MicroRNAs in osteonecrosis of the femoral head. <i>Cell Proliferation</i> , 2018, 51, .	5.3	32
84	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
85	Ilizarov technique in an adolescent patient with progressive pseudorheumatoid dysplasia. <i>Medicine (United States)</i> , 2018, 97, e11375.	1.0	2
86	MiR-1292 Targets FZD4 to Regulate Senescence and Osteogenic Differentiation of Stem Cells in TE/SJ/Mesenchymal Tissue System via the Wnt/ $\beta$ -catenin Pathway. , 2018, 9, 1103.		49
87	MiRNA-10b Reciprocally Stimulates Osteogenesis and Inhibits Adipogenesis Partly through the TGF- $\beta$ /SMAD2 Signaling Pathway. , 2018, 9, 1058.		70
88	Emerging Role of Exosomes in the Joint Diseases. <i>Cellular Physiology and Biochemistry</i> , 2018, 47, 2008-2017.	1.6	99
89	Biodegradable Si <sub>3</sub> N <sub>4</sub> 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
90	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

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91	Hemophilic arthropathy in a patient with multi-joint replacement. <i>Medicine (United States)</i> , 2018, 97, e11163.	1.0	7
92	Application of optimized nursing process to perioperative patients with haemophilic pseudotumours. <i>Haemophilia</i> , 2018, 24, e375-e378.	2.1	2
93	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
94	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
95	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
96	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
97	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
98	Surgical Treatment for Hemophilic Pseudotumor. <i>Journal of Bone and Joint Surgery - Series A</i> , 2017, 99, 947-953.	3.0	20
99	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
100	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
101	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
102	MicroRNA-23a-3p inhibitor decreases osteonecrosis incidence in a rat model. <i>Molecular Medicine Reports</i> , 2017, 16, 9331-9336.	2.4	18
103	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
104	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
105	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
106	Lenke 5C Curves in Adolescent Idiopathic Scoliosis. <i>Neurosurgery</i> , 2016, 78, 324-331.	1.1	31
107	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
108	Prolonged Hoarseness Caused by Arytenoid Dislocation After Anterior Cervical Corpectomy and Fusion. <i>Spine</i> , 2016, 41, E174-E177.	2.0	2

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109	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
110	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
111	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
112	Association between <i>ADAMTS-4</i> gene polymorphism and lumbar disc degeneration in Chinese Han population. <i>Journal of Orthopaedic Research</i> , 2016, 34, 860-864.	2.3	26
113	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
114	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
115	Thoracolumbar Scoliosis Due to Cryptococcal Osteomyelitis. <i>Medicine (United States)</i> , 2016, 95, e2613.	1.0	9
116	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
117	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
118	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
119	Posterior Cruciate Ligament Retention versus Posterior Stabilization for Total Knee Arthroplasty: A Meta-Analysis. <i>PLoS ONE</i> , 2016, 11, e0147865.	2.5	77
120	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
121	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
122	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
123	Surgical management of hemophilic pseudotumor complicated by destructive osteoarthropathy. <i>Blood Coagulation and Fibrinolysis</i> , 2015, 26, 373-377.	1.0	11
124	Systemic application of teriparatide for steroid induced osteonecrosis in a rat model. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 163.	1.9	34
125	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
126	<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



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127	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
128	Course of fever and potential infection after total joint replacement. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015, 23, 1870-1876.	4.2	7
129	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
130	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
131	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
132	Unplanned Reoperation within 30 Days of Fusion Surgery for Spinal Deformity. <i>PLoS ONE</i> , 2014, 9, e87172.	2.5	22
133	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
134	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
135	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
136	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
137	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
138	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
139	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
140	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
141	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
142	Non-continuous versus continuous wound drainage after total knee arthroplasty: a meta-analysis. <i>International Orthopaedics</i> , 2014, 38, 361-371.	1.9	21
143	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
144	The limited use of a tourniquet during total knee arthroplasty: A randomized controlled trial. <i>Knee</i> , 2014, 21, 1263-1268.	1.6	39

#	ARTICLE	IF	CITATIONS
145	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
146	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
147	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
148	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
149	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
150	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
151	Posterior hemivertebra resection with bisegmental fusion for congenital scoliosis: more than 3Âyear outcomes and analysis of unanticipated surgeries. <i>European Spine Journal</i> , 2013, 22, 387-393.	2.2	49
152	Axial Vascularization of Nano-HA/Collagen/PLA Composites by Arteriovenous Bundle. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-6.	2.7	2
153	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
154	Rib Deformities in Congenital Scoliosis. <i>Spine</i> , 2013, 38, E1656-E1661.	2.0	22
155	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
156	Cemented versus Uncemented Hemiarthroplasty for Femoral Neck Fractures in Elderly Patients: A Meta-Analysis. <i>PLoS ONE</i> , 2013, 8, e68903.	2.5	59
157	MicroRNA-10b Promotes Nucleus Pulposus Cell Proliferation through RhoC-Akt Pathway by Targeting HOXD10 in Intervetebral Disc Degeneration. <i>PLoS ONE</i> , 2013, 8, e83080.	2.5	166
158	Dual Growing Rods Technique for Congenital Scoliosis. <i>Spine</i> , 2012, 37, E1639-E1644.	2.0	57
159	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
160	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
161	An Innovative Broken Pedicle Screw Retrieval Instrument. <i>Journal of Spinal Disorders and Techniques</i> , 2007, 20, 82-84.	1.9	10
162	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

#	ARTICLE	IF	CITATIONS
163	A New Operative Classification of Idiopathic Scoliosis: A Peking Union Medical College Method. Spine, 2005, 30, 1419-1426.	2.0	69
164	Chinese Bone-Strengthening Pill for the Treatment of Osteoarthritis: An MRI-Based Study. SSRN Electronic Journal, 0, , .	0.4	0
165	Preoperative Use of Aspirin in Total Knee Arthroplasty: Safe or Not?. Orthopaedic Surgery, 0, , .	1.8	2