

Fuqiang Gao

List of Publications by Year in descending order

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61
papers

1,163
citations

394421
19
h-index

434195
31
g-index

73
all docs

73
docs citations

73
times ranked

1408
citing authors

#	ARTICLE	IF	CITATIONS
1	Four Methods for Calculating Blood-loss after Total Knee Arthroplasty. Chinese Medical Journal, 2015, 128, 2856-2860.	2.3	100
2	An Updated Meta-Analysis Comparing Artificial Cervical Disc Arthroplasty (CDA) Versus Anterior Cervical Discectomy and Fusion (ACDF) for the Treatment of Cervical Degenerative Disc Disease (CDDD). Spine, 2015, 40, 1816-1823.	2.0	76
3	The Role of Autophagy in Chondrocyte Metabolism and Osteoarthritis: A Comprehensive Research Review. BioMed Research International, 2019, 2019, 1-7.	1.9	68
4	Corticosteroid-induced Osteonecrosis of the Femoral Head. Chinese Medical Journal, 2017, 130, 2601-2607.	2.3	64
5	Recombinant Human Bone Morphogenetic Protein-2 in Debridement and Impacted Bone Graft for the Treatment of Femoral Head Osteonecrosis. PLoS ONE, 2014, 9, e100424.	2.5	55
6	Prophylactic use of exogenous melatonin and melatonin receptor agonists to improve sleep and delirium in the intensive care units: a systematic review and meta-analysis of randomized controlled trials. Sleep and Breathing, 2019, 23, 1059-1070.	1.7	52
7	Efficacy and safety of acellular dermal matrix in diabetic foot ulcer treatment: A systematic review and meta-analysis. International Journal of Surgery, 2017, 40, 1-7.	2.7	48
8	Porous Tantalum Implant in Treating Osteonecrosis of the Femoral Head: Still a Viable Option?. Scientific Reports, 2016, 6, 28227.	3.3	45
9	Positive Effects of Extracorporeal Shock Wave Therapy on Spasticity in Poststroke Patients: A Meta-Analysis. Journal of Stroke and Cerebrovascular Diseases, 2017, 26, 2470-2476.	1.6	45
10	The role of autophagy in steroid necrosis of the femoral head: a comprehensive research review. International Orthopaedics, 2018, 42, 1747-1753.	1.9	45
11	Diagnostic accuracy of dual-energy CT in gout: a systematic review and meta-analysis. Skeletal Radiology, 2018, 47, 1587-1593.	2.0	45
12	Extracorporeal shock wave therapy in the treatment of primary bone marrow edema syndrome of the knee: a prospective randomised controlled study. BMC Musculoskeletal Disorders, 2015, 16, 379.	1.9	30
13	Topical Application of Tranexamic Acid Plus Diluted Epinephrine Reduces Postoperative Hidden Blood Loss in Total Hip Arthroplasty. Journal of Arthroplasty, 2015, 30, 2196-2200.	3.1	30
14	The influence of knee malalignment on the ankle alignment in varus and valgus gonarthrosis based on radiographic measurement. European Journal of Radiology, 2016, 85, 228-232.	2.6	26
15	The Use of Platelet-Rich Plasma for the Treatment of Osteonecrosis of the Femoral Head: A Systematic Review. BioMed Research International, 2020, 2020, 1-11.	1.9	26
16	Radiological analysis of cystic lesion in osteonecrosis of the femoral head. International Orthopaedics, 2018, 42, 1615-1621.	1.9	25
17	High-Energy Extracorporeal Shock Wave for Early Stage Osteonecrosis of the Femoral Head: A Single-Center Case Series. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-8.	1.2	23
18	Radiographic assessment of knee's ankle alignment after total knee arthroplasty for varus and valgus knee osteoarthritis. Knee, 2017, 24, 107-115.	1.6	23

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19	Topical Administration of Tranexamic Acid Plus Diluted-Epinephrine in Primary Total Knee Arthroplasty: A Randomized Double-Blinded Controlled Trial. <i>Journal of Arthroplasty</i> , 2015, 30, 1354-1358.	3.1	20
20	The pathogenesis of multifocal osteonecrosis. <i>Scientific Reports</i> , 2016, 6, 29576.	3.3	19
21	The diagnostic performance of musculoskeletal ultrasound in gout: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2018, 13, e0199672.	2.5	19
22	Effects of Orem's Self-Care Model on the Life Quality of Elderly Patients with Hip Fractures. <i>Pain Research and Management</i> , 2020, 2020, 1-6.	1.8	19
23	Deep learning for diagnosing osteonecrosis of the femoral head based on magnetic resonance imaging. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 208, 106229.	4.7	18
24	Effects of Lower Limb Alignment and Tibial Component Inclination on the Biomechanics of Lateral Compartment in Unicompartmental Knee Arthroplasty. <i>Chinese Medical Journal</i> , 2017, 130, 2563-2568.	2.3	17
25	Investigating clinical failure of core decompression with autologous bone marrow mononuclear cells grafting for the treatment of non-traumatic osteonecrosis of the femoral head. <i>International Orthopaedics</i> , 2018, 42, 1575-1583.	1.9	16
26	Combined pharmacotherapy for osteonecrosis of the femoral head after severe acute respiratory syndrome and interstitial pneumonia: two and a half to fourteen-year follow-up. <i>International Orthopaedics</i> , 2018, 42, 1551-1556.	1.9	15
27	Topical fibrin sealant versus intravenous tranexamic acid for reducing blood loss following total knee arthroplasty: A systematic review and meta-analysis. <i>International Journal of Surgery</i> , 2016, 32, 31-37.	2.7	14
28	The Role of Immune Regulatory Cells in Nontraumatic Osteonecrosis of the Femoral Head: A Retrospective Clinical Study. <i>BioMed Research International</i> , 2019, 2019, 1-7.	1.9	13
29	Combined Therapy with Shock Wave and Retrograde Bone Marrow-Derived Cell Transplantation for Osteochondral Lesions of the Talus. <i>Scientific Reports</i> , 2017, 7, 2106.	3.3	12
30	Application and efficacy of extracorporeal shockwave treatment for knee osteoarthritis: A systematic review and meta-analysis. <i>Experimental and Therapeutic Medicine</i> , 2019, 18, 2843-2850.	1.8	12
31	Numbness and Weakness Recovered at a Less Extent in Patients with Lumbar Disc Herniation after Percutaneous Endoscopic Lumbar Discectomy. <i>Pain Research and Management</i> , 2019, 2019, 1-7.	1.8	12
32	Combined with Bone Marrow-Derived Cells and rhBMP-2 for Osteonecrosis after Femoral Neck Fractures in Children and Adolescents: A case series. <i>Scientific Reports</i> , 2016, 6, 30730.	3.3	11
33	H subtype vascular endothelial cells in human femoral head: an experimental verification. <i>Annals of Palliative Medicine</i> , 2020, 9, 1497-1505.	1.2	11
34	Effectiveness of Focused Shockwave Therapy versus Radial Shockwave Therapy for Noncalcific Rotator Cuff Tendinopathies: A Randomized Clinical Trial. <i>BioMed Research International</i> , 2021, 2021, 1-9.	1.9	10
35	Change of Circulating and Tissue-Based miR-20a in Human Cancers and Associated Prognostic Implication: A Systematic Review and Meta-Analysis. <i>BioMed Research International</i> , 2018, 2018, 1-14.	1.9	9
36	The short-term effectiveness and safety of second-generation patellofemoral arthroplasty and total knee arthroplasty on isolated patellofemoral osteoarthritis: a systematic review and meta-analysis. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 358.	2.3	9

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37	Extracellular Vesicles from BMSCs Prevent Glucocorticoid-Induced BMECs Injury by Regulating Autophagy via the PI3K/Akt/mTOR Pathway. <i>Cells</i> , 2022, 11, 2104.	4.1	9
38	How to Choose Platelet-Rich Plasma or Hyaluronic Acid for the Treatment of Knee Osteoarthritis in Overweight or Obese Patients: A Meta-Analysis. <i>Pain Research and Management</i> , 2020, 2020, 1-12.	1.8	8
39	Alpha-Defensin versus Leukocyte Esterase in Periprosthetic Joint Infection: An Updated Meta-Analysis. <i>BioMed Research International</i> , 2020, 2020, 1-14.	1.9	7
40	Diagnostic accuracy of synovial fluid D-lactate for periprosthetic joint infection: a systematic review and meta-analysis. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 606.	2.3	6
41	Autocrine Activity of Extracellular Vesicles Induced by Icaritin and Its Effectiveness in Glucocorticoid-Induced Injury of Bone Microvascular Endothelial Cells. <i>Cells</i> , 2022, 11, 1921.	4.1	6
42	Focused extra-corporeal shockwave treatment during early stage of osteonecrosis of femoral head. <i>Chinese Medical Journal</i> , 2019, 132, 1867-1869.	2.3	5
43	Correlation between the coverage percentage of prosthesis and postoperative hidden blood loss in primary total knee arthroplasty. <i>Chinese Medical Journal</i> , 2014, 127, 2265-9.	2.3	5
44	The Role of Fibular Fixation in Distal Tibia-Fibula Fractures: A Meta-Analysis. <i>Advances in Orthopedics</i> , 2021, 2021, 1-9.	1.0	4
45	Mesenchymal Stem Cells: A New Choice for Nonsurgical Treatment of OA? Results from a Bayesian Network Meta-Analysis. <i>BioMed Research International</i> , 2021, 2021, 1-10.	1.9	4
46	Reliability and Repeatability of the China-Japan Friendship Hospital Typing Classification for Nontraumatic Osteonecrosis of the Femoral Head. <i>Journal of Bone and Joint Surgery - Series A</i> , 2022, 104, 40-46.	3.0	4
47	Risk factors for sleep quality disturbances in patients with lumbar spinal stenosis before operation. <i>Sleep and Breathing</i> , 2020, 24, 669-674.	1.7	3
48	Intra-articular magnesium to alleviate postoperative pain after arthroscopic knee surgery: a meta-analysis of randomized controlled trials. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 111.	2.3	3
49	FDG-PET/CT versus bone marrow biopsy in bone marrow involvement in newly diagnosed paediatric lymphoma: a systematic review and meta-analysis. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 482.	2.3	3
50	Association between hypoxemia and anemia following arthroplasty: A pilot clinical study. <i>Experimental and Therapeutic Medicine</i> , 2016, 11, 1918-1922.	1.8	2
51	Comparative Evaluation of Osteonecrosis of the Femoral Head Classification: CJFH Classification versus JIC Classification. <i>The Journal of Hip Surgery</i> , 2017, 01, 044-049.	0.1	2
52	Letter to the editor on the article "Adductor canal block versus continuous femoral nerve block in primary total knee arthroplasty: A meta-analysis". <i>International Journal of Surgery</i> , 2016, 36, 32-33.	2.7	1
53	Bilateral multiple periprosthetic hip fractures and joint dislocations secondary to general convulsive seizures. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 664.	1.9	1
54	Phase-contrast imaging with synchrotron hard X-ray of micro lesions of the cartilage of the femoral head in rabbits. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 20086-91.	1.3	1

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55	Ability of lower teardrop edge to restore anatomical hip center height in total hip arthroplasty. Chinese Medical Journal, 2014, 127, 3915-20.	2.3	1
56	Quantitative Magnetic Resonance Imaging of Femoral Head Articular Cartilage Change in Patients with Hip Osteonecrosis Treated with Extracorporeal Shock Wave Therapy. International Journal of Clinical Practice, 2022, 2022, 1-9.	1.7	1
57	Response to the Letter:. Spine, 2017, 42, E128-E129.	2.0	0
58	A Response to Letter to the Editor by Dr. Mohammad Alwardat. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 2047.	1.6	0
59	A modified surgical technique to simplify the procedure of femoral stem implantation for an appropriate anteversion angle during endoprosthetic reconstruction. Annals of Palliative Medicine, 2021, 10, 1620-1630.	1.2	0
60	Clinical Application and Biological Functionalization of Different Surface Coatings in Artificial Joint Prosthesis: A Comprehensive Research Review. Coatings, 2022, 12, 117.	2.6	0
61	Course of major paravertebral vessels and the positional relationship to the vertebral bodies in healthy Chinese subjects: a CT-based study. Chinese Medical Journal, 2014, 127, 3887-93.	2.3	0