

# Fuqiang Gao

## List of Publications by Year in descending order

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61  
papers

1,163  
citations

448610

19  
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488211

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g-index

73  
all docs

73  
docs citations

73  
times ranked

1431  
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical Application and Biological Functionalization of Different Surface Coatings in Artificial Joint Prosthesis: A Comprehensive Research Review. <i>Coatings</i> , 2022, 12, 117.	1.2	0
2	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.	1.4	4
3	Quantitative Magnetic Resonance Imaging of Femoral Head Articular Cartilage Change in Patients with Hip Osteonecrosis Treated with Extracorporeal Shock Wave Therapy. <i>International Journal of Clinical Practice</i> , 2022, 2022, 1-9.	0.8	1
4	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.	1.8	6
5	Extracellular Vesicles from BMSCs Prevent Glucocorticoid-Induced BMECs Injury by Regulating Autophagy via the PI3K/Akt/mTOR Pathway. <i>Cells</i> , 2022, 11, 2104.	1.8	9
6	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.	0.9	10
7	A modified surgical technique to simplify the procedure of femoral stem implantation for an appropriate anteversion angle during endoprosthetic reconstruction. <i>Annals of Palliative Medicine</i> , 2021, 10, 1620-1630.	0.5	0
8	The Role of Fibular Fixation in Distal Tibia-Fibula Fractures: A Meta-Analysis. <i>Advances in Orthopedics</i> , 2021, 2021, 1-9.	0.4	4
9	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.	0.9	4
10	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.	0.9	3
11	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.	0.9	9
12	Bilateral multiple periprosthetic hip fractures and joint dislocations secondary to general convulsive seizures. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 664.	0.8	1
13	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.	0.9	3
14	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.	2.6	18
15	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.	0.9	6
16	Alpha-Defensin versus Leukocyte Esterase in Periprosthetic Joint Infection: An Updated Meta-Analysis. <i>BioMed Research International</i> , 2020, 2020, 1-14.	0.9	7
17	H subtype vascular endothelial cells in human femoral head: an experimental verification. <i>Annals of Palliative Medicine</i> , 2020, 9, 1497-1505.	0.5	11
18	Risk factors for sleep quality disturbances in patients with lumbar spinal stenosis before operation. <i>Sleep and Breathing</i> , 2020, 24, 669-674.	0.9	3

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19	The Use of Platelet-Rich Plasma for the Treatment of Osteonecrosis of the Femoral Head: A Systematic Review. <i>BioMed Research International</i> , 2020, 2020, 1-11.	0.9	26
20	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.	0.7	8
21	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.	0.7	19
22	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.	0.8	12
23	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. <i>Sleep and Breathing</i> , 2019, 23, 1059-1070.	0.9	52
24	The Role of Autophagy in Chondrocyte Metabolism and Osteoarthritis: A Comprehensive Research Review. <i>BioMed Research International</i> , 2019, 2019, 1-7.	0.9	68
25	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.	0.7	12
26	Focused extra-corporeal shockwave treatment during early stage of osteonecrosis of femoral head. <i>Chinese Medical Journal</i> , 2019, 132, 1867-1869.	0.9	5
27	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.	0.9	13
28	A Response to Letter to the Editor by Dr. Mohammad Alwardat. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 2047.	0.7	0
29	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.	0.9	16
30	Radiological analysis of cystic lesion in osteonecrosis of the femoral head. <i>International Orthopaedics</i> , 2018, 42, 1615-1621.	0.9	25
31	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.	0.9	15
32	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.	0.9	9
33	The role of autophagy in steroid necrosis of the femoral head: a comprehensive research review. <i>International Orthopaedics</i> , 2018, 42, 1747-1753.	0.9	45
34	The diagnostic performance of musculoskeletal ultrasound in gout: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2018, 13, e0199672.	1.1	19
35	Diagnostic accuracy of dual-energy CT in gout: a systematic review and meta-analysis. <i>Skeletal Radiology</i> , 2018, 47, 1587-1593.	1.2	45
36	Response to the Letter:. <i>Spine</i> , 2017, 42, E128-E129.	1.0	0

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37	Efficacy and safety of acellular dermal matrix in diabetic foot ulcer treatment: A systematic review and meta-analysis. <i>International Journal of Surgery</i> , 2017, 40, 1-7.	1.1	48
38	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
39	Positive Effects of Extracorporeal Shock Wave Therapy on Spasticity in Poststroke Patients: A Meta-Analysis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 2470-2476.	0.7	45
40	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.	1.6	12
41	Radiographic assessment of knee-ankle alignment after total knee arthroplasty for varus and valgus knee osteoarthritis. <i>Knee</i> , 2017, 24, 107-115.	0.8	23
42	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.	0.9	17
43	Corticosteroid-induced Osteonecrosis of the Femoral Head. <i>Chinese Medical Journal</i> , 2017, 130, 2601-2607.	0.9	64
44	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.	1.6	11
45	Association between hypoxemia and anemia following arthroplasty: A pilot clinical study. <i>Experimental and Therapeutic Medicine</i> , 2016, 11, 1918-1922.	0.8	2
46	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.	1.1	1
47	Porous Tantalum Implant in Treating Osteonecrosis of the Femoral Head: Still a Viable Option?. <i>Scientific Reports</i> , 2016, 6, 28227.	1.6	45
48	The pathogenesis of multifocal osteonecrosis. <i>Scientific Reports</i> , 2016, 6, 29576.	1.6	19
49	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.	1.1	14
50	The influence of knee malalignment on the ankle alignment in varus and valgus gonarthrosis based on radiographic measurement. <i>European Journal of Radiology</i> , 2016, 85, 228-232.	1.2	26
51	Extracorporeal shock wave therapy in the treatment of primary bone marrow edema syndrome of the knee: a prospective randomised controlled study. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 379.	0.8	30
52	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). <i>Spine</i> , 2015, 40, 1816-1823.	1.0	76
53	Four Methods for Calculating Blood-loss after Total Knee Arthroplasty. <i>Chinese Medical Journal</i> , 2015, 128, 2856-2860.	0.9	100
54	High-Energy Extracorporeal Shock Wave for Early Stage Osteonecrosis of the Femoral Head: A Single-Center Case Series. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-8.	0.5	23

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55	Topical Application of Tranexamic Acid Plus Diluted Epinephrine Reduces Postoperative Hidden Blood Loss in Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2015, 30, 2196-2200.	1.5	30
56	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.	1.5	20
57	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
58	Recombinant Human Bone Morphogenetic Protein-2 in Debridement and Impacted Bone Graft for the Treatment of Femoral Head Osteonecrosis. <i>PLoS ONE</i> , 2014, 9, e100424.	1.1	55
59	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.	0.9	5
60	Course of major paravertebral vessels and the positional relationship to the vertebral bodies in healthy Chinese subjects: a CT-based study. <i>Chinese Medical Journal</i> , 2014, 127, 3887-93.	0.9	0
61	Ability of lower teardrop edge to restore anatomical hip center height in total hip arthroplasty. <i>Chinese Medical Journal</i> , 2014, 127, 3915-20.	0.9	1