

Yi Zeng

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

1,225
citations

394421

19
h-index

434195

31
g-index

108
all docs

108
docs citations

108
times ranked

1343
citing authors

#	ARTICLE	IF	CITATIONS
1	The Therapeutic Potential and Role of miRNA, lncRNA, and circRNA in Osteoarthritis. <i>Current Gene Therapy</i> , 2019, 19, 255-263.	2.0	103
2	Comparison of topical versus intravenous tranexamic acid in primary total knee arthroplasty: A meta-analysis of randomized controlled and prospective cohort trials. <i>Knee</i> , 2014, 21, 987-993.	1.6	102
3	The influence of body mass index on the outcomes of primary total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015, 23, 1824-1832.	4.2	87
4	The Efficacy and Safety of Combination of Intravenous and Topical Tranexamic Acid in Revision Hip Arthroplasty: A Randomized, Controlled Trial. <i>Journal of Arthroplasty</i> , 2016, 31, 2548-2553.	3.1	63
5	The efficacy and safety of combined administration of intravenous and topical tranexamic acid in primary total knee arthroplasty: a meta-analysis of randomized controlled trials. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 321.	1.9	57
6	Exosomes Derived From Human Urine Derived Stem Cells Overexpressing miR-140-5p Alleviate Knee Osteoarthritis Through Downregulation of VEGFA in a Rat Model. <i>American Journal of Sports Medicine</i> , 2022, 50, 1088-1105.	4.2	46
7	Correlations between inflammatory cytokines, muscle damage markers and acute postoperative pain following primary total knee arthroplasty. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 265.	1.9	43
8	More pain and slower functional recovery when a tourniquet is used during total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 1842-1860.	4.2	36
9	Perioperative multiple low-dose Dexamethasones improves postoperative clinical outcomes after Total knee arthroplasty. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 428.	1.9	30
10	Comparison of mini-subvastus approach versus medial parapatellar approach in primary total knee arthroplasty. <i>International Journal of Surgery</i> , 2018, 57, 15-21.	2.7	24
11	The effect of primary total knee arthroplasty on the incidence of falls and balance-related functions in patients with osteoarthritis. <i>Scientific Reports</i> , 2017, 7, 16583.	3.3	23
12	Clinical, functional and radiographic outcomes of primary total hip arthroplasty between direct anterior approach and posterior approach: a systematic review and meta-analysis. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 338.	1.9	23
13	No clear benefit or drawback to the use of closed drainage after primary total knee arthroplasty: a systematic review and meta-analysis. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 183.	1.9	22
14	Differential Expression of Renin-Angiotensin System-related Components in Patients with Rheumatoid Arthritis and Osteoarthritis. <i>American Journal of the Medical Sciences</i> , 2020, 359, 17-26.	1.1	22
15	Blood Loss and Transfusion After Topical Tranexamic Acid Administration in Primary Total Knee Arthroplasty. <i>Orthopedics</i> , 2015, 38, e1007-16.	1.1	22
16	Renin-angiotensin system in osteoarthritis: A new potential therapy. <i>International Immunopharmacology</i> , 2019, 75, 105796.	3.8	21
17	The efficacy of liposomal bupivacaine compared with traditional peri-articular injection for pain control following total knee arthroplasty: an updated meta-analysis of randomized controlled trials. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 306.	1.9	21
18	Prevalence and risk factors for prolonged opioid use after total joint arthroplasty: a systematic review, meta-analysis, and meta-regression. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021, 141, 907-915.	2.4	21

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19	Three-dimensional Computerized Preoperative Planning of Total Hip Arthroplasty with High-Riding Dislocation Developmental Dysplasia of the Hip. <i>Orthopaedic Surgery</i> , 2014, 6, 95-102.	1.8	20
20	Expression of miRNA-140 in Chondrocytes and Synovial Fluid of Knee Joints in Patients with Osteoarthritis. <i>Chinese Medical Sciences Journal</i> , 2016, 31, 207-212.	0.4	20
21	Performance of Sequencing Assays in Diagnosis of Prosthetic Joint Infection: A Systematic Review and Meta-Analysis. <i>Journal of Arthroplasty</i> , 2019, 34, 1514-1522.e4.	3.1	20
22	A comprehensive comparison between cementless and cemented fixation in the total knee arthroplasty: an updated systematic review and meta-analysis. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 176.	2.3	20
23	The incidence of symptomatic in-hospital VTEs in Asian patients undergoing joint arthroplasty was low: a prospective, multicenter, 17,660-patient-enrolled cohort study. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 1075-1082.	4.2	19
24	Effect of different postoperative limb positions on blood loss and range of motion in total knee arthroplasty: An updated meta-analysis of randomized controlled trials. <i>International Journal of Surgery</i> , 2017, 37, 15-23.	2.7	18
25	Control-released basic fibroblast growth factor-loaded poly-lactic-co-glycolic acid microspheres promote sciatic nerve regeneration in rats. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 429-436.	1.8	17
26	Intravenous Combined with Topical Administration of Tranexamic Acid in Primary Total Hip Arthroplasty: A Randomized Controlled Trial. <i>Orthopaedic Surgery</i> , 2017, 9, 174-179.	1.8	16
27	Blood loss and cost-effectiveness of oral vs intravenous tranexamic acid in primary total hip arthroplasty: A randomized clinical trial. <i>Thrombosis Research</i> , 2018, 171, 143-148.	1.7	16
28	Tranexamic acid reduces blood loss and transfusion requirements in primary simultaneous bilateral total knee arthroplasty. <i>Blood Coagulation and Fibrinolysis</i> , 2017, 28, 501-508.	1.0	15
29	A Systematic Review Assessing the Effectiveness of Alendronate in Reducing Periprosthetic Bone Loss After Cementless Primary THA. <i>Orthopedics</i> , 2011, 34, .	1.1	15
30	Combination of Erythropoietin and Tranexamic Acid in Bilateral Simultaneous Total HIP Arthroplasty: A Randomised, Controlled Trial. <i>HIP International</i> , 2016, 26, 331-337.	1.7	14
31	Acetabular Anatomical Parameters in Patients With Idiopathic Osteonecrosis of the Femoral Head. <i>Journal of Arthroplasty</i> , 2020, 35, 331-334.	3.1	14
32	Preoperative Comorbidities as Potential Risk Factors for Venous Thromboembolism after Joint Arthroplasty: A Systematic Review and Meta-Analysis of Cohort and Case-Control Studies. <i>Journal of Arthroplasty</i> , 2014, 29, 2430-2438.	3.1	13
33	Integrating transcriptome-wide association study and mRNA expression profile identified candidate genes related to hand osteoarthritis. <i>Arthritis Research and Therapy</i> , 2021, 23, 81.	3.5	13
34	Comparison of the Efficacy and Safety of Aspirin and Rivaroxaban Following Enoxaparin Treatment for Prevention of Venous Thromboembolism after Hip Fracture Surgery. <i>Orthopaedic Surgery</i> , 2019, 11, 886-894.	1.8	12
35	Differentially expressed genes from the glioblastoma cell line SHG-44 treated with all-trans retinoic acid in vitro. <i>Journal of Clinical Neuroscience</i> , 2009, 16, 285-294.	1.5	11
36	Effect of knee flexion position and combined application of tranexamic acid on blood loss following primary total knee arthroplasty: a prospective randomized controlled trial. <i>International Orthopaedics</i> , 2018, 42, 529-535.	1.9	10

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37	Accuracy of a Simple Digital Templating in Primary Uncemented Total Hip Arthroplasty. Chinese Medical Sciences Journal, 2015, 30, 150-155.	0.4	9
38	A prospective study of ceramic-on-metal bearings in total hip arthroplasty at four-year follow-up: clinical results, metal ion levels, inflammatory factor levels, and liver"kidney function. Journal of Orthopaedic Science, 2015, 20, 357-363.	1.1	9
39	Radiofrequency Ablation in Cooled Monopolar or Conventional Bipolar Modality Yields More Beneficial Short-Term Clinical Outcomes Versus Other Treatments for Knee Osteoarthritis: A Systematic Review and Network Meta-Analysis of Randomized Controlled Trials. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2022, 38, 2287-2302.	2.7	9
40	The Effectiveness of Medial Femoral Epicondyle Up-Sliding Osteotomy to Correct Severe Valgus Deformity in Primary Total Knee Arthroplasty. Journal of Arthroplasty, 2018, 33, 2868-2874.	3.1	8
41	Efficacy and safety of limb position on blood loss and range of motion after total knee arthroplasty without tourniquet: A randomized clinical trial. International Journal of Surgery, 2018, 60, 182-187.	2.7	8
42	Comprehensive Comparison of Liposomal Bupivacaine with Femoral Nerve Block for Pain Control Following Total Knee Arthroplasty: An Updated Systematic Review and Meta"Analysis. Orthopaedic Surgery, 2019, 11, 943-953.	1.8	8
43	The effect of post-operative limb positioning on blood loss and early outcomes after primary total knee arthroplasty: a randomized controlled trial. International Orthopaedics, 2019, 43, 2083-2091.	1.9	8
44	The optimal dosage, route and timing of glucocorticoids administration for improving knee function, pain and inflammation in primary total knee arthroplasty: A systematic review and network meta-analysis of 34 randomized trials. International Journal of Surgery, 2020, 82, 182-191.	2.7	8
45	The trajectories of depression symptoms and comorbidity in knee osteoarthritis subjects. Clinical Rheumatology, 2022, 41, 235-243.	2.2	8
46	The effects of different antihypertensive drugs on pain and joint space width of knee osteoarthritis "A comparative study with data from Osteoarthritis Initiative. Journal of Clinical Hypertension, 2021, 23, 2009-2015.	2.0	8
47	Tranexamic Acid Plus Low"dose Epinephrine Reduces Blood Loss in Total Knee Arthroplasty: A Systematic Review and Meta"analysis. Orthopaedic Surgery, 2018, 10, 287-295.	1.8	7
48	Comparison of cortisol and inflammatory response between aged and middle-aged patients undergoing total hip arthroplasty: a prospective observational study. BMC Musculoskeletal Disorders, 2017, 18, 541.	1.9	6
49	Medial femoral epicondyle upsliding osteotomy with posterior stabilized arthroplasty provided good clinical outcomes such as constrained arthroplasty in primary total knee arthroplasty with severe valgus deformity. Knee Surgery, Sports Traumatology, Arthroscopy, 2019, 27, 2266-2275.	4.2	6
50	Patient-specific instrument for unicompartmental knee arthroplasty does not reduce the outliers in alignment or improve postoperative function: a meta-analysis and systematic review. Archives of Orthopaedic and Trauma Surgery, 2020, 140, 1097-1107.	2.4	6
51	Association between Iron Intake and Progression of Knee Osteoarthritis. Nutrients, 2022, 14, 1674.	4.1	6
52	Application of tranexamic acid and diluted epinephrine in primary total hip arthroplasty. Blood Coagulation and Fibrinolysis, 2018, 29, 451-457.	1.0	5
53	X-ray image characteristics and related measurements in the ankles of 118 adult patients with Kashin-Beck disease. Chinese Medical Journal, 2014, 127, 2479-83.	2.3	5
54	Zoledronic Acid for Periprosthetic Bone Mineral Density Changes in Patients With Osteoporosis After Hip Arthroplasty"An Updated Meta-Analysis of Six Randomized Controlled Trials. Frontiers in Medicine, 2021, 8, 801282.	2.6	5

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55	Comparison of Femoral Bone Mineral Density Changes around 3 Common Designs of Cementless Stems after Total Hip Arthroplasty: A Retrospective Cohort Study. <i>Orthopaedic Surgery</i> , 2022, 14, 1059-1070.	1.8	5
56	Insulin Dependence Increases the Risk of Complications and Death in Total Joint Arthroplasty: A Systematic Review and Meta-Analysis (Regression) Analysis. <i>Orthopaedic Surgery</i> , 2021, 13, 719-733.	1.8	4
57	Radiologic restoration inaccuracy increases postoperative dislocation in primary total hip arthroplasty: a retrospective study with propensity score matching. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2022, 142, 3995-4005.	2.4	4
58	Intra-articular injection of stromal vascular fraction for knee degenerative joint disease: a concise review of preclinical and clinical evidence. <i>Science China Life Sciences</i> , 2022, 65, 1959-1970.	4.9	4
59	Same-day discharge arthroplasty has a higher overall complications rate than fast-track arthroplasty: a systematic review and meta-analysis. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2022, 142, 1167-1176.	2.4	3
60	Varus-valgus knee laxity is related to a higher risk of knee osteoarthritis incidence and structural progression: data from the osteoarthritis initiative. <i>Clinical Rheumatology</i> , 2022, 41, 1013-1021.	2.2	3
61	Hypotensive Anesthesia Combined with Tranexamic Acid Reduces Perioperative Blood Loss in Simultaneous Bilateral Total Hip Arthroplasty: A Retrospective Cohort Study. <i>Orthopaedic Surgery</i> , 2022, 14, 555-565.	1.8	3
62	Effect of Neuromuscular Electrical Stimulation After Total Knee Arthroplasty: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Frontiers in Medicine</i> , 2021, 8, 779019.	2.6	3
63	Clinical and radiological results of high offset tri-lock bone preservation stem in unilateral primary total hip arthroplasty at a minimum follow-up of 3 years. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 635.	2.3	2
64	Effect of an Elevated Preoperative International Normalized Ratio on Transfusion and Complications in Primary Total Hip Arthroplasty with the Enhanced Recovery after Surgery Protocol. <i>Orthopaedic Surgery</i> , 2021, , .	1.8	2
65	Gene Therapy with Tetracycline-Regulated Human Recombinant COL1A1 cDNA Direct Adenoviral Delivery Enhances Fracture Healing in Osteoporotic Rats. <i>Human Gene Therapy</i> , 2018, 29, 902-915.	2.7	1
66	Cementless femoral stems with lower canal fill ratio have similar mid-term to long-term outcomes to those with adequate fill ratio in Dorr type C femurs. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021, , 1.	2.4	1
67	Preoperative bacteriuria positivity on urinalysis increases wound complications in primary total hip arthroplasty regardless of the urine culture result. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 834.	1.9	1
68	Incidence and risk factors associated with human albumin administration following total joint arthroplasty: a multicenter retrospective study. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 643.	2.3	1
69	Clinical Outcomes, Metal Ion Levels, Lymphocyte Profiles, and Implant Survival Following Five Different Bearings of Total Hip Arthroplasty: A Mean 10-year Follow-up Study. <i>Journal of Arthroplasty</i> , 2022, 37, 2053-2062.	3.1	1
70	Letter to the Editor on "Temporal changes in sleep quality and knee function following primary total knee arthroplasty: a prospective study" International Orthopaedics, 2021, , .	1.9	0
71	Does Bisphosphonate Increase the Sclerosis of Tibial Subchondral Bone in the Progression of Knee Osteoarthritis? A Propensity Score Matching Cohort Study Based on Osteoarthritis Initiative. <i>Frontiers in Medicine</i> , 2021, 8, 781219.	2.6	0
72	Letter to the Editor on "Regional Anesthesia Reduces Inpatient and Outpatient Perioperative Opioid Demand in Peri-articular Elbow Surgery" Journal of Shoulder and Elbow Surgery, 2021, , .	2.6	0

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73	Letter to the Editor: Oral risedronate increases Gruen zone bone mineral density after primary total hip arthroplasty: a meta-analysis. <i>Journal of Orthopaedic Surgery and Research</i> , 2022, 17, 8.	2.3	0
74	Comment on "The efficiency of risedronate in reducing bone resorption after total hip arthroplasty: a meta-analysis of randomized control trials at a minimum of 6 months follow-up". <i>Journal of Orthopaedic Surgery and Research</i> , 2022, 17, 231.	2.3	0