

# Chao Zeng

## List of Publications by Year in descending order

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116  
papers

3,029  
citations

159585  
30  
h-index

206112  
48  
g-index

118  
all docs

118  
docs citations

118  
times ranked

4023  
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of Tramadol With All-Cause Mortality Among Patients With Osteoarthritis. JAMA - Journal of the American Medical Association, 2019, 321, 969.	7.4	155
2	Relative efficacy and safety of topical non-steroidal anti-inflammatory drugs for osteoarthritis: a systematic review and network meta-analysis of randomised controlled trials and observational studies. British Journal of Sports Medicine, 2018, 52, 642-650.	6.7	139
3	Autophagy in osteoarthritis. Joint Bone Spine, 2016, 83, 143-148.	1.6	114
4	The association between dietary selenium intake and diabetes: a cross-sectional study among middle-aged and older adults. Nutrition Journal, 2015, 14, 18.	3.4	100
5	Association between serum selenium level and type 2 diabetes mellitus: a non-linear dose-response meta-analysis of observational studies. Nutrition Journal, 2015, 15, 48.	3.4	96
6	Autograft Versus Allograft in Anterior Cruciate Ligament Reconstruction: A Meta-analysis of Randomized Controlled Trials and Systematic Review of Overlapping Systematic Reviews. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2016, 32, 153-163.e18.	2.7	90
7	The influence of the intercondylar notch dimensions on injury of the anterior cruciate ligament: a meta-analysis. Knee Surgery, Sports Traumatology, Arthroscopy, 2013, 21, 804-815.	4.2	82
8	The influence of the tibial plateau slopes on injury of the anterior cruciate ligament: a meta-analysis. Knee Surgery, Sports Traumatology, Arthroscopy, 2014, 22, 53-65.	4.2	69
9	Association between depression and brain tumor: a systematic review and meta-analysis. Oncotarget, 2017, 8, 94932-94943.	1.8	68
10	Nanoparticle-modified chitosan-agarose-gelatin scaffold for sustained release of SDF-1 and BMP-2. International Journal of Nanomedicine, 2018, Volume 13, 7395-7408.	6.7	67
11	Alterations of amino acid metabolism in osteoarthritis: its implications for nutrition and health. Amino Acids, 2016, 48, 907-914.	2.7	66
12	Delayed Denosumab Injections and Fracture Risk Among Patients With Osteoporosis. Annals of Internal Medicine, 2020, 173, 516-526.	3.9	65
13	Is posterior tibial slope associated with noncontact anterior cruciate ligament injury?. Knee Surgery, Sports Traumatology, Arthroscopy, 2016, 24, 830-837.	4.2	63
14	Association between Dietary Vitamin C Intake and Non-Alcoholic Fatty Liver Disease: A Cross-Sectional Study among Middle-Aged and Older Adults. PLoS ONE, 2016, 11, e0147985.	2.5	62
15	Associations between Dietary Antioxidant Intake and Metabolic Syndrome. PLoS ONE, 2015, 10, e0130876.	2.5	58
16	Correlation between senescence-associated beta-galactosidase expression in articular cartilage and disease severity of patients with knee osteoarthritis. International Journal of Rheumatic Diseases, 2016, 19, 226-232.	1.9	58
17	Relationship between Serum Magnesium Concentration and Radiographic Knee Osteoarthritis. Journal of Rheumatology, 2015, 42, 1231-1236.	2.0	54
18	Association Between Tibial Plateau Slopes and Anterior Cruciate Ligament Injury: A Meta-analysis. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2017, 33, 1248-1259.e4.	2.7	53

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19	Effectiveness and safety of Glucosamine, chondroitin, the two in combination, or celecoxib in the treatment of osteoarthritis of the knee. <i>Scientific Reports</i> , 2015, 5, 16827.	3.3	50
20	Physical Distancing Measures and Walking Activity in Middle-aged and Older Residents in Changsha, China, During the COVID-19 Epidemic Period: Longitudinal Observational Study. <i>Journal of Medical Internet Research</i> , 2020, 22, e21632.	4.3	49
21	Association between Dietary Magnesium Intake and Radiographic Knee Osteoarthritis. <i>PLoS ONE</i> , 2015, 10, e0127666.	2.5	46
22	Association Between Gut Microbiota and Symptomatic Hand Osteoarthritis: Data From the Xiangya Osteoarthritis Study. <i>Arthritis and Rheumatology</i> , 2021, 73, 1656-1662.	5.6	45
23	MicroRNA-199a-5p inhibits cisplatin-induced drug resistance via inhibition of autophagy in osteosarcoma cells. <i>Oncology Letters</i> , 2016, 12, 4203-4208.	1.8	43
24	Exploration of metformin as novel therapy for osteoarthritis: preventing cartilage degeneration and reducing pain behavior. <i>Arthritis Research and Therapy</i> , 2020, 22, 34.	3.5	42
25	Gut dysbiosis in rheumatic diseases: A systematic review and meta-analysis of 92 observational studies. <i>EBioMedicine</i> , 2022, 80, 104055.	6.1	40
26	Red Cell Distribution Width as an Independent Predictor of Long-Term Mortality in Hip Fracture Patients: A Prospective Cohort Study. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 223-233.	2.8	39
27	MicroRNA-127-5p regulates osteopontin expression and osteopontin-mediated proliferation of human chondrocytes. <i>Scientific Reports</i> , 2016, 6, 25032.	3.3	39
28	Associations between dietary antioxidants intake and radiographic knee osteoarthritis. <i>Clinical Rheumatology</i> , 2016, 35, 1585-1592.	2.2	37
29	The associations of serum uric acid level and hyperuricemia with knee osteoarthritis. <i>Rheumatology International</i> , 2016, 36, 567-573.	3.0	37
30	Association Between Gut Microbiota and Elevated Serum Urate in Two Independent Cohorts. <i>Arthritis and Rheumatology</i> , 2022, 74, 682-691.	5.6	37
31	Association between metabolic syndrome and knee osteoarthritis: a cross-sectional study. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 533.	1.9	34
32	The expression of SIRT1 in articular cartilage of patients with knee osteoarthritis and its correlation with disease severity. <i>Journal of Orthopaedic Surgery and Research</i> , 2016, 11, 144.	2.3	32
33	Dose-response relationship between lower serum magnesium level and higher prevalence of knee chondrocalcinosis. <i>Arthritis Research and Therapy</i> , 2017, 19, 236.	3.5	32
34	Expression of CD44 in articular cartilage is associated with disease severity in knee osteoarthritis. <i>Modern Rheumatology</i> , 2013, 23, 1186-1191.	1.8	31
35	Association between low dietary zinc and hyperuricaemia in middle-aged and older males in China: a cross-sectional study. <i>BMJ Open</i> , 2015, 5, e008637.	1.9	31
36	Knee Osteoarthritis, Potential Mediators, and Risk of All-Cause Mortality: Data From the Osteoarthritis Initiative. <i>Arthritis Care and Research</i> , 2021, 73, 566-573.	3.4	30

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37	Comparison of the Ahmed glaucoma valve with the Baerveldt glaucoma implant: a meta-analysis. BMC Ophthalmology, 2015, 15, 132.	1.4	28
38	Efficacy and safety of the pulsed electromagnetic field in osteoarthritis: a meta-analysis. BMJ Open, 2018, 8, e022879.	1.9	28
39	Single-Dose Intra-Articular Morphine After Arthroscopic Knee Surgery: A Meta-Analysis of Randomized Placebo-Controlled Studies. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2013, 29, 1450-1458.e2.	2.7	27
40	JNK pathway in osteosarcoma: pathogenesis and therapeutics. Journal of Receptor and Signal Transduction Research, 2016, 36, 465-470.	2.5	27
41	In-hospital mortality after hip arthroplasty in China. Bone and Joint Journal, 2019, 101-B, 1209-1217.	4.4	27
42	The Expression of Osteopontin and Wnt5a in Articular Cartilage of Patients with Knee Osteoarthritis and Its Correlation with Disease Severity. BioMed Research International, 2016, 2016, 1-7.	1.9	26
43	Is coffee consumption associated with a lower risk of hyperuricaemia or gout? A systematic review and meta-analysis. BMJ Open, 2016, 6, e009809.	1.9	26
44	Single-dose intra-articular ropivacaine after arthroscopic knee surgery decreases post-operative pain without increasing side effects: a systematic review and meta-analysis. Knee Surgery, Sports Traumatology, Arthroscopy, 2016, 24, 1651-1659.	4.2	22
45	Population-based metagenomics analysis reveals altered gut microbiome in sarcopenia: data from the Xiangya Sarcopenia Study. Journal of Cachexia, Sarcopenia and Muscle, 2022, 13, 2340-2351.	7.3	22
46	Effect of osteopontin on the mRNA expression of ADAMTS4 and ADAMTS5 in chondrocytes from patients with knee osteoarthritis. Experimental and Therapeutic Medicine, 2015, 9, 1979-1983.	1.8	21
47	Association between low serum magnesium concentration and hyperuricemia. Magnesium Research, 2015, 28, 56-63.	0.5	21
48	Association Between Magnetic Resonance Imaging-Measured Intercondylar Notch Dimensions and Anterior Cruciate Ligament Injury: A Meta-analysis. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2018, 34, 889-900.	2.7	21
49	Risk of venous thromboembolism in knee, hip and hand osteoarthritis: a general population-based cohort study. Annals of the Rheumatic Diseases, 2020, 79, 1616-1624.	0.9	21
50	Relationship between cigarette smoking and hyperuricemia in middle-aged and elderly population: a cross-sectional study. Rheumatology International, 2017, 37, 131-136.	3.0	19
51	Association between serum magnesium concentration and metabolic syndrome, diabetes, hypertension and hyperuricaemia in knee osteoarthritis: a cross-sectional study in Hunan Province, China. BMJ Open, 2018, 8, e019159.	1.9	19
52	Sodium-containing acetaminophen and cardiovascular outcomes in individuals with and without hypertension. European Heart Journal, 2022, 43, 1743-1755.	2.2	19
53	Increased Risk of COVID-19 in Patients With Rheumatoid Arthritis: A General Population-Based Cohort Study. Arthritis Care and Research, 2022, 74, 741-747.	3.4	19
54	Topical diclofenac therapy for osteoarthritis: a meta-analysis of randomized controlled trials. Clinical Rheumatology, 2016, 35, 1253-1261.	2.2	18

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55	Is tea consumption associated with the serum uric acid level, hyperuricemia or the risk of gout? A systematic review and meta-analysis. BMC Musculoskeletal Disorders, 2017, 18, 95.	1.9	18
56	MicroRNA-200b acts as a tumor suppressor in osteosarcoma via targeting ZEB1. OncoTargets and Therapy, 2016, 9, 3101.	2.0	17
57	Analgesic efficacy and safety of ketamine after total knee or hip arthroplasty: a meta-analysis of randomised placebo-controlled studies. BMJ Open, 2019, 9, e028337.	1.9	17
58	Allopurinol Initiation and All-Cause Mortality Among Patients With Gout and Concurrent Chronic Kidney Disease. Annals of Internal Medicine, 2022, 175, 461-470.	3.9	17
59	Analgesic effect and safety of single-dose intra-articular magnesium after arthroscopic surgery: a systematic review and meta-analysis. Scientific Reports, 2016, 6, 38024.	3.3	16
60	Risk factors for noncontact anterior cruciate ligament injury: Analysis of parameters in proximal tibia using anteroposterior radiography. Journal of International Medical Research, 2016, 44, 157-163.	1.0	16
61	Association among dietary magnesium, serum magnesium, and diabetes: a cross-sectional study in middle-aged and older adults. Journal of Health, Population and Nutrition, 2016, 35, 33.	2.0	15
62	Initial analgesic prescriptions for osteoarthritis in the United Kingdom, 2000â€“2016. Rheumatology, 2021, 60, 147-159.	1.9	15
63	Comparison between 200â€‰mg QD and 100â€‰mg BID oral celecoxib in the treatment of knee or hip osteoarthritis. Scientific Reports, 2015, 5, 10593.	3.3	14
64	Osteopontin Promotes Expression of Matrix Metalloproteinase 13 through NF-Î²B Signaling in Osteoarthritis. BioMed Research International, 2016, 2016, 1-8.	1.9	14
65	Association between Wnt inhibitory factor-1 expression levels in articular cartilage and the disease severity of patients with osteoarthritis of the knee. Experimental and Therapeutic Medicine, 2016, 11, 1405-1409.	1.8	14
66	Relationship between hyperuricemia and risk of coronary heart disease in a middle-aged and elderly Chinese population. Journal of International Medical Research, 2017, 45, 254-260.	1.0	13
67	Comparative Risk-Benefit Profiles of Individual Devices for Graft Fixation in Anterior Cruciate Ligament Reconstruction: A Systematic Review and Network Meta-analysis. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2020, 36, 1953-1972.	2.7	13
68	Digoxin targets low density lipoprotein receptor-related protein 4 and protects against osteoarthritis. Annals of the Rheumatic Diseases, 2022, 81, 544-555.	0.9	13
69	A Single-Dose Intra-Articular Morphine plus Bupivacaine versus Morphine Alone following Knee Arthroscopy: A Systematic Review and Meta-Analysis. PLoS ONE, 2015, 10, e0140512.	2.5	12
70	Single-dose intra-articular bupivacaine plus morphine versus bupivacaine alone after arthroscopic knee surgery: a meta-analysis of randomized controlled trials. Knee Surgery, Sports Traumatology, Arthroscopy, 2017, 25, 966-979.	4.2	12
71	Associations of dietary and serum magnesium with serum high-sensitivity C-reactive protein in early radiographic knee osteoarthritis patients. Modern Rheumatology, 2017, 27, 669-674.	1.8	12
72	Surgical Outcomes After Neoadjuvant Chemoimmunotherapy for Resectable Non-Small Cell Lung Cancer. Frontiers in Oncology, 2021, 11, 684070.	2.8	12

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73	Phosphorylation of osteopontin has proapoptotic and proinflammatory effects on human knee osteoarthritis chondrocytes. <i>Experimental and Therapeutic Medicine</i> , 2016, 12, 3488-3494.	1.8	11
74	Relation between phalangeal bone mineral density and radiographic knee osteoarthritis: a cross-sectional study. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 71.	1.9	11
75	Association between chondrocalcinosis and osteoarthritis: A systematic review and meta-analysis. <i>International Journal of Rheumatic Diseases</i> , 2019, 22, 1175-1182.	1.9	11
76	Inflammatory potential of diet and risk of incident knee osteoarthritis: a prospective cohort study. <i>Arthritis Research and Therapy</i> , 2020, 22, 209.	3.5	11
77	Single-dose intra-articular bupivacaine plus morphine after knee arthroscopic surgery: a meta-analysis of randomised placebo-controlled studies. <i>BMJ Open</i> , 2015, 5, e006815-e006815.	1.9	10
78	Association between high-sensitivity C-reactive protein and hyperuricemia. <i>Rheumatology International</i> , 2016, 36, 561-566.	3.0	10
79	Relationship between soy milk intake and radiographic knee joint space narrowing and osteophytes. <i>Rheumatology International</i> , 2016, 36, 1215-1222.	3.0	10
80	Higher blood hematocrit predicts hyperuricemia: a prospective study of 62897 person-years of follow-up. <i>Scientific Reports</i> , 2015, 5, 13765.	3.3	9
81	Association between body composition and osteoarthritis: A systematic review and meta-analysis. <i>International Journal of Rheumatic Diseases</i> , 2019, 22, 2108-2118.	1.9	9
82	Association between proton pump inhibitors use and risk of hip fracture: A general population-based cohort study. <i>Bone</i> , 2020, 139, 115502.	2.9	9
83	Association between Dietary Magnesium Intake and Hyperuricemia. <i>PLoS ONE</i> , 2015, 10, e0141079.	2.5	9
84	Intra-articular bupivacaine after joint arthroplasty: a systematic review and meta-analysis of randomised placebo-controlled studies. <i>BMJ Open</i> , 2016, 6, e011325.	1.9	8
85	Associations of cigarette smoking, betel quid chewing and alcohol consumption with high-sensitivity C-reactive protein in early radiographic knee osteoarthritis: a cross-sectional study. <i>BMJ Open</i> , 2016, 6, e010763.	1.9	8
86	Overactivated autophagy contributes to steroid-induced avascular necrosis of the femoral head. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 367-372.	1.8	8
87	Prevalence of ultrasound-detected knee synovial abnormalities in a middle-aged and older general population—the Xiangya Osteoarthritis Study. <i>Arthritis Research and Therapy</i> , 2021, 23, 156.	3.5	8
88	Heterogeneity, consistency and model fit should be assessed in Bayesian network meta-analysis. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, e5-e5.	0.9	7
89	miR-188-3p targets skeletal endothelium coupling of angiogenesis and osteogenesis during ageing. <i>Cell Death and Disease</i> , 2022, 13, .	6.3	6
90	Synovitis in knee osteoarthritis: a precursor or a concomitant feature?. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, e58-e58.	0.9	5

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91	Does it make sense to investigate whether the offspring of people with a total knee replacement for severe primary knee osteoarthritis have a higher risk of worsening knee pain?. Annals of the Rheumatic Diseases, 2015, 74, e44-e44.	0.9	4
92	Is chondroitin sulfate plus glucosamine superior to placebo in the treatment of knee osteoarthritis?. Annals of the Rheumatic Diseases, 2015, 74, e37-e37.	0.9	4
93	Osimertinib as Neoadjuvant Therapy for Resectable Non-Small Cell Lung Cancer: A Case Series. Frontiers in Pharmacology, 2022, 13, 912153.	3.5	4
94	Association between dietary iron intake and bone mineral density: A cross-sectional study in Chinese population. Nutrition and Dietetics, 2016, 73, 433-440.	1.8	3
95	Is painful knee an independent predictor of mortality in middle-aged women?. Annals of the Rheumatic Diseases, 2016, 75, e22-e22.	0.9	3
96	Denosumab and Risk of Community-acquired Pneumonia: A Population-based Cohort Study. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e3366-e3373.	3.6	3
97	The significance of the squeeze test to identify arthritis was underestimated or not?. Annals of the Rheumatic Diseases, 2015, 74, e60-e60.	0.9	2
98	Were the Effects of Glucosamine and Chondroitin on Knee Osteoarthritis Underestimated? Comment on the Article by Yang et al. Arthritis and Rheumatology, 2015, 67, 1982-1983.	5.6	2
99	Expression and purification of a rapidly degraded protein, TMEM8B-a, in mammalian cell line. Protein Expression and Purification, 2018, 151, 38-45.	1.3	2
100	Efficacy and safety of tramadol for knee or hip osteoarthritis: a systematic review and network meta-analysis of randomized controlled trials. Arthritis Care and Research, 2021, , .	3.4	2
101	Association of Metformin Use With Risk of Venous Thromboembolism in Adults With Type 2 Diabetes: A General-Population-Based Cohort Study. American Journal of Epidemiology, 2022, 191, 856-866.	3.4	2
102	Peptic Ulcer Disease and Risk of Hip Fracture: A General Population-based Cohort Study. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e3738-e3746.	3.6	2
103	Paying attention to arbitrary causality and the preciseness of conclusion. Annals of the Rheumatic Diseases, 2014, 73, e22-e22.	0.9	1
104	The effect of synovial tissue volume shrinking on pain relief for knee osteoarthritis was overestimated or not?. Annals of the Rheumatic Diseases, 2015, 74, e64-e64.	0.9	1
105	Comment on "Association of femoral intercondylar notch morphology, width index and the risk of anterior cruciate ligament injury". Knee Surgery, Sports Traumatology, Arthroscopy, 2015, 23, 1263-1264.	4.2	1
106	Paying attention to the safety and efficacy of fish oil in treatment of knee osteoarthritis. Annals of the Rheumatic Diseases, 2016, 75, e13-e13.	0.9	1
107	Response to: "Correspondence on "Risk of venous thromboembolism in knee, hip and hand osteoarthritis: a general population-based cohort study" by Linet al. Annals of the Rheumatic Diseases, 2021, , annrhumdis-2020-219747.	0.9	1
108	Identifying predictors of response to oral non-steroidal anti-inflammatory drugs and paracetamol in osteoarthritis: a hypothesis-driven protocol for an OA Trial Bank individual participant data meta-analysis. BMJ Open, 2021, 11, e048652.	1.9	1

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109	Case Report: Uniportal Video-Assisted Thoracoscopic Parenchymal Sparing Secondary Carinal Resection and Reconstruction for the Treatment of Tracheobronchial Mucoepidermoid Carcinoma. <i>Frontiers in Surgery</i> , 2021, 8, 823281.	1.4	1
110	Is It Appropriate to Classify All Kinds of Nonsteroidal Antiinflammatory Drugs Together for Assessing the Treatment of Knee Osteoarthritis? Comment on the Article by Lapane et al. <i>Arthritis and Rheumatology</i> , 2015, 67, 2278-2278.	5.6	0
111	Overestimate of the Incidence of Knee Osteoarthritis One Year After Anterior Cruciate Ligament Reconstruction? Comment on the Article by Culvenor et al. <i>Arthritis and Rheumatology</i> , 2015, 67, 2550-2551.	5.6	0
112	Is it meaningful to compare the difference in condyle widths between men and women?. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015, 23, 1253-1254.	4.2	0
113	The effects of a brace for patellofemoral osteoarthritis targeting knee pain and bone marrow lesions were overestimated or not?. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, e51-e51.	0.9	0
114	Is it Appropriate to Conclude That Muscle Power Is an “Independent” Determinant of Pain and Quality of Life in Knee Osteoarthritis? Comment on the Article by Reid et al. <i>Arthritis and Rheumatology</i> , 2016, 68, 1047-1047.	5.6	0
115	Reply. <i>Arthritis and Rheumatology</i> , 2021, 73, 2146-2147.	5.6	0
116	Case Report: Surgical Therapy for Left Innominate Vein Aneurysm Under Thoracoscopy. <i>Frontiers in Surgery</i> , 2021, 8, 741840.	1.4	0