

Xia Wang

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,805
citations

218381

26
h-index

276539

41
g-index

55
all docs

55
docs citations

55
times ranked

2263
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic triggered inflammation in osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 22-30.	0.6	205
2	Effect of Vitamin D Supplementation on Tibial Cartilage Volume and Knee Pain Among Patients With Symptomatic Knee Osteoarthritis. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 1005.	3.8	156
3	Mesencephalic Astrocyte-Derived Neurotrophic Factor Is Involved in Inflammation by Negatively Regulating the NF- κ B Pathway. <i>Scientific Reports</i> , 2015, 5, 8133.	1.6	93
4	Technology-assisted rehabilitation following total knee or hip replacement for people with osteoarthritis: a systematic review and meta-analysis. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 506.	0.8	92
5	The importance of synovial inflammation in osteoarthritis: current evidence from imaging assessments and clinical trials. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 165-174.	0.6	90
6	A longitudinal study of the association between infrapatellar fat pad maximal area and changes in knee symptoms and structure in older adults. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 1818-1824.	0.5	87
7	Infrapatellar fat pad in the knee: is local fat good or bad for knee osteoarthritis?. <i>Arthritis Research and Therapy</i> , 2014, 16, R145.	1.6	80
8	Signal intensity alteration in the infrapatellar fat pad at baseline for the prediction of knee symptoms and structure in older adults: a cohort study. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 1783-1788.	0.5	75
9	Association between MRI-detected knee joint regional effusion-synovitis and structural changes in older adults: a cohort study. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 519-525.	0.5	61
10	FSTL1 interacts with VIM and promotes colorectal cancer metastasis via activating the focal adhesion signalling pathway. <i>Cell Death and Disease</i> , 2018, 9, 654.	2.7	51
11	Knee effusion-synovitis volume measurement and effects of vitamin D supplementation in patients with knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 1304-1312.	0.6	49
12	Cross-sectional and Longitudinal Associations between Knee Joint Effusion Synovitis and Knee Pain in Older Adults. <i>Journal of Rheumatology</i> , 2016, 43, 121-130.	1.0	40
13	Associations between endogenous sex hormones and MRI structural changes in patients with symptomatic knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 1100-1106.	0.6	40
14	Maintaining Vitamin D Sufficiency Is Associated with Improved Structural and Symptomatic Outcomes in Knee Osteoarthritis. <i>American Journal of Medicine</i> , 2017, 130, 1211-1218.	0.6	39
15	p21-activated kinase 5 inhibits camptothecin-induced apoptosis in colorectal carcinoma cells. <i>Tumor Biology</i> , 2010, 31, 575-582.	0.8	37
16	Prognostic significance of cyclooxygenase-2 expression in patients with hepatocellular carcinoma: a meta-analysis. <i>Archives of Medical Science</i> , 2016, 5, 1110-1117.	0.4	37
17	What is the role of imaging in the clinical diagnosis of osteoarthritis and disease management?. <i>Rheumatology</i> , 2018, 57, iv51-iv60.	0.9	35
18	MYH9-dependent polarization of ATG9B promotes colorectal cancer metastasis by accelerating focal adhesion assembly. <i>Cell Death and Differentiation</i> , 2021, 28, 3251-3269.	5.0	35

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19	Deficiency of IRE1 and PERK Signal Pathways in Systemic Lupus Erythematosus. <i>American Journal of the Medical Sciences</i> , 2014, 348, 465-473.	0.4	34
20	Hypointense signals in the infrapatellar fat pad assessed by magnetic resonance imaging are associated with knee symptoms and structure in older adults: a cohort study. <i>Arthritis Research and Therapy</i> , 2016, 18, 234.	1.6	33
21	Associations Between Knee Effusion-synovitis and Joint Structural Changes in Patients with Knee Osteoarthritis. <i>Journal of Rheumatology</i> , 2017, 44, 1644-1651.	1.0	31
22	Occupational Risk in Knee Osteoarthritis: A Systematic Review and Meta-Analysis of Observational Studies. <i>Arthritis Care and Research</i> , 2020, 72, 1213-1223.	1.5	31
23	Mass effect and signal intensity alteration in the suprapatellar fat pad: associations with knee symptoms and structure. <i>Osteoarthritis and Cartilage</i> , 2014, 22, 1619-1626.	0.6	29
24	Quantitative Assessment of Knee Effusion-synovitis in Older Adults: Association With Knee Structural Abnormalities. <i>Arthritis and Rheumatology</i> , 2016, 68, 837-844.	2.9	29
25	Cross-sectional and longitudinal associations between serum inflammatory cytokines and knee bone marrow lesions in patients with knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 499-505.	0.6	28
26	Association of patellar bone marrow lesions with knee pain, patellar cartilage defect and patellar cartilage volume loss in older adults: a cohort study. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 1330-1336.	0.6	26
27	Association between MRI-detected osteophytes and changes in knee structures and pain in older adults: a cohort study. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 1084-1092.	0.6	22
28	Vitamin D supplementation and inflammatory and metabolic biomarkers in patients with knee osteoarthritis: <i>post hoc</i> analysis of a randomised controlled trial. <i>British Journal of Nutrition</i> , 2018, 120, 41-48.	1.2	22
29	Are OMERACT Knee Osteoarthritis Ultrasound Scores Associated With Pain Severity, Other Symptoms, and Radiographic and Magnetic Resonance Imaging Findings?. <i>Journal of Rheumatology</i> , 2021, 48, 270-278.	1.0	21
30	Activated Syndecan-1 Shedding Contributes to Mice Colitis Induced by Dextran Sulfate Sodium. <i>Digestive Diseases and Sciences</i> , 2011, 56, 1047-1056.	1.1	17
31	ER stress-inducible protein MANF selectively expresses in human spleen. <i>Human Immunology</i> , 2015, 76, 823-830.	1.2	17
32	Tumor bud-derived CCL5 recruits fibroblasts and promotes colorectal cancer progression via CCR5-SLC25A24 signaling. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 81.	3.5	17
33	Popliteal cysts and subgastrocnemius bursitis are associated with knee symptoms and structural abnormalities in older adults: a cross-sectional study. <i>Arthritis Research and Therapy</i> , 2014, 16, R59.	1.6	13
34	Longitudinal associations between adiposity and change in knee pain: Tasmanian older adult cohort study. <i>Seminars in Arthritis and Rheumatism</i> , 2016, 45, 564-569.	1.6	13
35	Association between current medication use and progression of radiographic knee osteoarthritis: data from the osteoarthritis initiative. <i>Rheumatology</i> , 2021, 60, 4624-4632.	0.9	13
36	Developing strategic priorities in osteoarthritis research: Proceedings and recommendations arising from the 2017 Australian Osteoarthritis Summit. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 74.	0.8	12

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37	Superb Microvascular Imaging in Low-Grade Inflammation of Knee Osteoarthritis Compared With Power Doppler: Clinical, Radiographic and MRI Relationship. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 566-574.	0.7	12
38	Downregulation of GLYR1 contributes to microsatellite instability colorectal cancer by targeting p21 via the p38MAPK and PI3K/AKT pathways. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 76.	3.5	11
39	Effect of vitamin D supplementation on pain and physical function in patients with knee osteoarthritis (OA): an OA Trial Bank protocol for a systematic review and individual patient data (IPD) meta-analysis. <i>BMJ Open</i> , 2020, 10, e035302.	0.8	11
40	Occupation and risk of knee osteoarthritis and knee replacement: A longitudinal, multiple-cohort study. <i>Seminars in Arthritis and Rheumatism</i> , 2020, 50, 1006-1014.	1.6	10
41	Efficacy and cost-effectiveness of Stem Cell injections for symptomatic relief and structural improvement in people with Tibiofemoral knee Osteoarthritis: protocol for a randomised placebo-controlled trial (the SCUpTOR trial). <i>BMJ Open</i> , 2021, 11, e056382.	0.8	10
42	Response to: "The role of infrapatellar fat pad resection in total knee arthroplasty" by White et al. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, e67-e67.	0.5	7
43	Higher Serum Levels of Resistin Are Associated With Knee Synovitis and Structural Abnormalities in Patients With Symptomatic Knee Osteoarthritis. <i>Journal of the American Medical Directors Association</i> , 2019, 20, 1242-1246.	1.2	7
44	My joint pain, a web-based resource, effects on education and quality of care at 24 months. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 79.	0.8	6
45	Associations between radiographic features, clinical features and ultrasound of thumb base osteoarthritis: A secondary analysis of the COMBO study. <i>International Journal of Rheumatic Diseases</i> , 2022, 25, 38-46.	0.9	5
46	Participatory health through behavioural engagement and disruptive digital technology for postoperative rehabilitation: protocol of the PATHway trial. <i>BMJ Open</i> , 2021, 11, e041328.	0.8	3
47	Predictors of adherence to a step count intervention following total knee replacement: an exploratory cohort study. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 0, , 1-25.	1.7	3
48	Monitoring work-related physical activity and estimating lower-limb loading: a proof-of-concept study. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 552.	0.8	2
49	Reliability and Convergent Construct Validity of Quantitative Ultrasound for Synovitis, Meniscal Extrusion, and Osteophyte in Knee Osteoarthritis With MRI. <i>Journal of Ultrasound in Medicine</i> , 2022, 41, 1559-1573.	0.8	2
50	Response to "Infrapatellar fat pad maximal area and changes in knee symptoms: gender-related difference or gender difference in reporting?" by Bai et al. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, e4-e4.	0.5	1
51	Using total knee arthroplasty as a primary outcome measure is too "hard" in lifestyle intervention trials in osteoarthritis. <i>American Journal of Clinical Nutrition</i> , 2018, 107, 673.	2.2	0
52	AB1167...RELIABILITY AND VALIDITY OF ULTRASOUND PATHOLOGIES IN KNEE OSTEOARTHRITIS FOR SEMI-QUANTITATIVE AND QUANTITATIVE METHODS WITH MRI AS A REFERENCE. , 2019, , .		0
53	National osteoarthritis strategy brief report: Advanced care. <i>Australian Journal of General Practice</i> , 2020, 49, 582-584.	0.3	0