

Diagnosis and Treatment of Hip and Knee Osteoarthritis

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Biomaterial Encapsulation of Human Mesenchymal Stromal Cells Modulates Paracrine Signaling Response and Enhances Efficacy for Treatment of Established Osteoarthritis. SSRN Electronic Journal, 0, , .	0.4	0
3	Are Psychosocial Factors Determinant in the Pain and Social Participation of Patients with Early Knee Osteoarthritis? A Cross-Sectional Study. International Journal of Environmental Research and Public Health, 2021, 18, 4575.	1.2	10
4	Purpose and Intent. , 2021, , 1-7.		0
5	Review of Hip and Knee Osteoarthritis. JAMA - Journal of the American Medical Association, 2021, 325, 2504.	3.8	7
8	Review of Hip and Knee Osteoarthritisâ€™Reply. JAMA - Journal of the American Medical Association, 2021, 325, 2505.	3.8	1
9	Exogenous stromal cell-derived factor-1 (SDF-1) suppresses the NLRP3 inflammasome and inhibits pyroptosis in synoviocytes from osteoarthritic joints via activation of the AMPK signaling pathway. Inflammopharmacology, 2021, 29, 695-704.	1.9	17
10	Cholesterol metabolism related genes in osteoarthritis. Bone, 2021, 152, 116076.	1.4	24
11	Safety of a single intra-articular injection of LBSA0103 hyaluronic acid in patients with osteoarthritis of the knee: a multicenter, single-arm, prospective, cohort study. Current Medical Research and Opinion, 2021, 37, 1573-1580.	0.9	3
12	Molecule-based osteoarthritis diagnosis comes of age. Annals of Translational Medicine, 2021, 9, 1112-1112.	0.7	1
13	Comparison between Intra-Articular Injection of Infrapatellar Fat Pad (IPFP) Cell Concentrates and IPFP-Mesenchymal Stem Cells (MSCs) for Cartilage Defect Repair of the Knee Joint in Rabbits. Stem Cells International, 2021, 2021, 1-12.	1.2	7
14	Alterations in cartilage quantification before and after injections of mesenchymal stem cells into osteoarthritic knees. Scientific Reports, 2021, 11, 13832.	1.6	16
15	Editorial: One Step at a Time: Advances in Osteoarthritis. Frontiers in Veterinary Science, 2021, 8, 727477.	0.9	1
16	A clinical test examination procedure to identify knee compartment overloading: A reliability and validity study using SPECT-CT as reference. Journal of Bodywork and Movement Therapies, 2021, 27, 500-506.	0.5	1
17	Effects of Protein-Rich Nutritional Composition Supplementation on Sarcopenia Indices and Physical Activity during Resistance Exercise Training in Older Women with Knee Osteoarthritis. Nutrients, 2021, 13, 2487.	1.7	12
18	Ultrasound-guided pulsed radiofrequency of the saphenous nerve for knee osteoarthritis pain: a pilot randomized trial. Pain Management, 2022, 12, 181-193.	0.7	6
19	Musculoskeletal pain in Parkinson disease: a narrative review. Neurodegenerative Disease Management, 2021, 11, 373-385.	1.2	1
20	ATP transporters in the joints. Purinergic Signalling, 2021, 17, 591-605.	1.1	7
21	Intra-Articular Hybrid Hyaluronic Acid Injection Treatment in Overweight Patients with Knee Osteoarthritis: A Single-Center, Open-Label, Prospective Study. Applied Sciences (Switzerland), 2021, 11, 8711.	1.3	11

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22	Impact of Preoperative Total Knee Arthroplasty on Radiological and Clinical Outcomes of Spinal Fusion for Concurrent Knee Osteoarthritis and Degenerative Lumbar Spinal Diseases. <i>Journal of Clinical Medicine</i> , 2021, 10, 4475.	1.0	4
23	Current and novel theranostic modalities for knee osteoarthritis. <i>SeÄenovskij Vestnik</i> , 2021, 12, 17-30.	0.3	2
24	Mitochondria in Injury, Inflammation and Disease of Articular Skeletal Joints. <i>Frontiers in Immunology</i> , 2021, 12, 695257.	2.2	11
25	Imaging in Osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 913-934.	0.6	25
26	Hyaluronic Acid-Binding, Anionic, Nanoparticles Inhibit ECM Degradation and Restore Compressive Stiffness in Aggrecan-Depleted Articular Cartilage Explants. <i>Pharmaceutics</i> , 2021, 13, 1503.	2.0	4
27	Accuracy and Feasibility of Ultrasound-Guided Intra-articular Injection of the Rat Hip Joint. <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 2936-2940.	0.7	3
28	Comments on "Does smoking cessation increase risk of knee replacement? A general population-based cohort study" by G. Lei and Y. Zhang et al.. <i>Osteoarthritis and Cartilage</i> , 2021, 29, 1485-1486.	0.6	0
29	Challenges and opportunities of pharmacological interventions for osteoarthritis: A review of current clinical trials and developments. <i>Osteoarthritis and Cartilage Open</i> , 2021, 3, 100212.	0.9	7
30	Real-Time Detection of Gait Events by Recurrent Neural Networks. <i>IEEE Access</i> , 2021, 9, 134849-134857.	2.6	6
31	Ultrasound-targeted simvastatin-loaded microbubble destruction promotes OA cartilage repair by modulating the cholesterol efflux pathway mediated by PPAR β in rabbits. <i>Bone and Joint Research</i> , 2021, 10, 693-703.	1.3	5
32	Evaluation of the effectiveness of intra-articular administration of highly purified hyaluronic acid in knee osteoarthritis in real clinical practice. <i>Sovremennaya Revmatologiya</i> , 2021, 15, 57-61.	0.1	0
33	Synovial Fluid Cytokines, Chemokines and MMP Levels in Osteoarthritis Patients with Knee Pain Display a Profile Similar to Many Rheumatoid Arthritis Patients. <i>Journal of Clinical Medicine</i> , 2021, 10, 5027.	1.0	18
34	Experience of the COVID-19 pandemic as lived by patients with hip and knee osteoarthritis: an Italian qualitative study. <i>BMJ Open</i> , 2021, 11, e053194.	0.8	8
35	Antiarthritic Activities of Herbal Isolates: A Comprehensive Review. <i>Coatings</i> , 2021, 11, 1329.	1.2	6
36	Polymorphisms of the KCNS1, COMT and OPRM1 genes and development of postoperative pain in patients with osteoarthritis who underwent total knee or hip replacement. <i>Nauchno-Prakticheskaya Revmatologiya</i> , 2021, 59, 578-583.	0.2	1
37	Reversing the surface charge of MSC-derived small extracellular vesicles by μ PLA-PEG-DSPE for enhanced osteoarthritis treatment. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12160.	5.5	40
38	Jintiange Capsule May Have a Positive Effect on Pain Relief and Functional Activity in Patients with Knee Osteoarthritis: A Meta-Analysis of Randomized Trials. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-11.	0.5	3
39	How do middle-aged and older adults with chronic hip pain view their health problem and its care? A protocol for a systematic review and qualitative evidence synthesis. <i>BMJ Open</i> , 2021, 11, e053084.	0.8	1

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40	Effects of quercetin on apoptosis and extracellular matrix degradation of chondrocytes induced by oxidative stress-mediated pyroptosis. <i>Journal of Biochemical and Molecular Toxicology</i> , 2022, 36, e22951.	1.4	15
41	Efficacy of Exercise-Based Rehabilitation Programs for Improving Muscle Function and Size in People with Hip Osteoarthritis: A Systematic Review with Meta-Analysis. <i>Biology</i> , 2021, 10, 1251.	1.3	4
42	A novel model of a biomechanically induced osteoarthritis-like cartilage for pharmacological in vitro studies. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 11221-11231.	1.6	2
43	Potential New Treatments for Knee OA: A Prospective Review of Registered Trials. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11049.	1.3	2
44	Editorial: Neuromechanics of Hip Osteoarthritis. <i>Frontiers in Sports and Active Living</i> , 2021, 3, 788263.	0.9	1
45	Joint Replacement and Cardiovascular Health. <i>Osteoarthritis and Cartilage</i> , 2021, , .	0.6	0
46	Digoxin targets low density lipoprotein receptor-related protein 4 and protects against osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2022, 81, 544-555.	0.5	13
47	Evaluation of cartilage degeneration using multiparametric quantitative ultrashort echo time-based MRI: an ex vivo study. <i>Quantitative Imaging in Medicine and Surgery</i> , 2022, 12, 1738-1749.	1.1	3
48	The Efficacy and Safety of Chinese Herbal Medicine in the Treatment of Knee Osteoarthritis: An Updated Systematic Review and Meta-Analysis of 56 Randomized Controlled Trials. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-28.	1.9	9
49	Therapeutic Exercise and Conservative Injection Treatment for Early Knee Osteoarthritis in Athletes: A Scoping Review. <i>Medicina (Lithuania)</i> , 2022, 58, 69.	0.8	12
50	Weight loss is associated with reduced risk of knee and hip replacement: a survival analysis using Osteoarthritis Initiative data. <i>International Journal of Obesity</i> , 2022, 46, 874-884.	1.6	17
51	Baicalein Alleviates Osteoarthritis Progression in Mice by Protecting Subchondral Bone and Suppressing Chondrocyte Apoptosis Based on Network Pharmacology. <i>Frontiers in Pharmacology</i> , 2021, 12, 788392.	1.6	9
52	Emerging microfluidics-enabled platforms for osteoarthritis management: from benchtop to bedside. <i>Theranostics</i> , 2022, 12, 891-909.	4.6	9
53	Stem-Cell Therapy for the Treatment of Knee Osteoarthritis. <i>JBJS Journal of Orthopaedics for Physician Assistants</i> , 2021, 9, .	0.0	0
55	Translating osteoarthritis genetics research: challenging times ahead. <i>Trends in Molecular Medicine</i> , 2022, 28, 176-182.	3.5	9
56	Medial Tibial Osteophyte Width Strongly Reflects Medial Meniscus Extrusion Distance and Medial Joint Space Width Moderately Reflects Cartilage Thickness in Knee Radiographs. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 56, 824-834.	1.9	9
57	Rehabilitation of Total Knee Arthroplasty by Integrating Conjoint Isometric Myodynamia and Real-Time Rotation Sensing System. <i>Advanced Science</i> , 2022, 9, e2105219.	5.6	28
58	Explainable machine learning for knee osteoarthritis diagnosis based on a novel fuzzy feature selection methodology. <i>Physical and Engineering Sciences in Medicine</i> , 2022, 45, 219-229.	1.3	21

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59	Mechanical overloading induces GPX4-regulated chondrocyte ferroptosis in osteoarthritis via Piezo1 channel facilitated calcium influx. <i>Journal of Advanced Research</i> , 2022, 41, 63-75.	4.4	53
60	Relative Effect of Extracorporeal Shockwave Therapy Alone or in Combination with Noninjective Treatments on Pain and Physical Function in Knee Osteoarthritis: A Network Meta-Analysis of Randomized Controlled Trials. <i>Biomedicines</i> , 2022, 10, 306.	1.4	3
61	Overview of First-Line and Second-Line Pharmacotherapies for Osteoarthritis with Special Focus on Intra-Articular Treatment. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1566.	1.8	17
62	Imaging Study on Acupuncture Inhibiting Inflammation and Bone Destruction in Knee Osteoarthritis Induced by Monosodium Iodoacetate in Rat Model. <i>Journal of Pain Research</i> , 2022, Volume 15, 93-103.	0.8	5
63	The Efficacy and Safety of Zhengqing Fengtongning for Knee Osteoarthritis: A Systematic Review and Meta-Analysis of Randomized Clinical Trials. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-13.	0.5	4
64	Correspondence: Patient education in knee osteoarthritis. <i>Journal of Physiotherapy</i> , 2022, 68, 80.	0.7	0
65	A Cross-Sectional Study of Association between Plasma Selenium Levels and the Prevalence of Osteoarthritis: Data from the Xiangya Osteoarthritis Study. <i>Journal of Nutrition, Health and Aging</i> , 2022, 26, 197-202.	1.5	4
66	Hybrid Hyaluronic Acid versus High Molecular Weight Hyaluronic Acid for the Treatment of Hip Osteoarthritis in Overweight/Obese Patients. <i>Journal of Functional Morphology and Kinesiology</i> , 2022, 7, 20.	1.1	5
67	How do pre-operative intra-articular injections impact periprosthetic joint infection risk following primary total hip arthroplasty? A systematic review and meta-analysis. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2022, , 1.	1.3	3
68	Sprifermin: Effects on Cartilage Homeostasis and Therapeutic Prospects in Cartilage-Related Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 786546.	1.8	4
69	Inflammatory phenotype of osteoarthritis and its potential therapies. <i>Rheumatology & Autoimmunity</i> , 2021, 1, 92-100.	0.3	6
70	Emulating the chondrocyte microenvironment using multi-directional mechanical stimulation in a cartilage-on-chip. <i>Lab on A Chip</i> , 2022, 22, 1815-1828.	3.1	12
71	Are Patients With End-Stage Arthritis Willing to Delay Arthroplasty for Payer-Mandated Physical Therapy?. <i>Journal of Arthroplasty</i> , 2022, 37, S27-S31.	1.5	7
72	Hypoxia-Preconditioned Extracellular Vesicles from Mesenchymal Stem Cells Improve Cartilage Repair in Osteoarthritis. <i>Membranes</i> , 2022, 12, 225.	1.4	28
73	Bilobalide Exerts Anti-Inflammatory Effects on Chondrocytes Through the AMPK/SIRT1/mTOR Pathway to Attenuate ACLT-Induced Post-Traumatic Osteoarthritis in Rats. <i>Frontiers in Pharmacology</i> , 2022, 13, 783506.	1.6	10
74	Foot Pain is Common, But Frequently Improves 1 Year After Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2022, , .	1.5	1
75	Exosomes Derived From miR-212-5p Overexpressed Human Synovial Mesenchymal Stem Cells Suppress Chondrocyte Degeneration and Inflammation by Targeting ELF3. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 816209.	2.0	12
76	Surgical therapy in osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 1019-1034.	0.6	16

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77	Association of Diabetes Mellitus Status and Hyperglycemia With Symptomatic Knee Osteoarthritis. <i>Arthritis Care and Research</i> , 2023, 75, 509-518.	1.5	8
78	Senescent skeletal cells cross-talk with synovial cells plays a key role in the pathogenesis of osteoarthritis. <i>Arthritis Research and Therapy</i> , 2022, 24, 59.	1.6	22
79	Cumulative Intraarticular Injections Are Not a Risk Factor for Periprosthetic Joint Infection Following total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2022, , .	1.5	5
80	Heterogeneity of cartilage damage in Kellgren and Lawrence grade 2 and 3 knees: the MOST study. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 714-723.	0.6	14
81	Association of Rurality and Neighborhood Level Socioeconomic Deprivation with Perioperative Health Status in Total Joint Arthroplasty Patients: Analysis from a Large, Tertiary Care Hospital. <i>Journal of Arthroplasty</i> , 2022, 37, 1505-1513.	1.5	7
82	MiR-146a expression profiles in osteoarthritis in different tissue sources: a meta-analysis of observational studies. <i>Journal of Orthopaedic Surgery and Research</i> , 2022, 17, 148.	0.9	5
83	Effects of Whole-Body Vibration Therapy on Knee Osteoarthritis: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Journal of Rehabilitation Medicine</i> , 2022, 54, jrm00266.	0.8	11
84	Sodium alginate microencapsulation of human mesenchymal stromal cells modulates paracrine signaling response and enhances efficacy for treatment of established osteoarthritis. <i>Acta Biomaterialia</i> , 2022, 141, 315-332.	4.1	13
85	Giving an account of patients' experience: A qualitative study on the care process of hip and knee osteoarthritis. <i>Health Expectations</i> , 2022, 25, 1140-1156.	1.1	9
86	A Randomized, Open-Label, Single-Dose Study to Assess Safety and Systemic Exposure of Triamcinolone Acetonide Extended-Release in Patients With Hip Osteoarthritis. <i>Rheumatology and Therapy</i> , 2022, 9, 679-691.	1.1	0
87	Effect of Pulsed Low-Intensity Ultrasonography on Symptom Relief and Tibiofemoral Articular Cartilage Thickness Among Veterans Affairs Enrollees With Knee Osteoarthritis. <i>JAMA Network Open</i> , 2022, 5, e220632.	2.8	2
88	A Multicenter, Randomized, Double-Blinded, Parallel-Group, Placebo-Controlled Phase I/IIa Study to Evaluate the Efficacy and Safety of a Single Intra-Articular Injection of YYD302 in Patients with Knee Osteoarthritis. <i>Journal of Clinical Medicine</i> , 2022, 11, 1482.	1.0	2
90	Intra-Articular Injection of Adipose-Derived Stem Cells Ameliorates Pain and Cartilage Anabolism/Catabolism in Osteoarthritis: Preclinical and Clinical Evidences. <i>Frontiers in Pharmacology</i> , 2022, 13, 854025.	1.6	13
92	A narrative review of the progress in the treatment of knee osteoarthritis. <i>Annals of Translational Medicine</i> , 2022, 10, 373-373.	0.7	8
94	A Review of Compositionâ€“Structureâ€“Function Properties and Tissue Engineering Strategies of Articular Cartilage: Compare Condyle Process and Knee Joint. <i>Advanced Engineering Materials</i> , 0, , 2200304.	1.6	0
95	Intra-articular injection of a novel Wnt pathway inhibitor, SM04690, upregulates Wnt16 expression and reduces disease progression in temporomandibular joint osteoarthritis. <i>Bone</i> , 2022, 158, 116372.	1.4	12
96	External validation of an artificial intelligence tool for radiographic knee osteoarthritis severity classification. <i>European Journal of Radiology</i> , 2022, 150, 110249.	1.2	9
97	Does osteoarthritis modify the association between NSAID use and risk of comorbidities and adverse events?. <i>Osteoarthritis and Cartilage Open</i> , 2022, 4, 100253.	0.9	2

#	ARTICLE	IF	CITATIONS
98	The Segmentation of Knee MR Image Using Nested Deep Network and Attention Mechanism. , 2021, , .		1
99	Analysis of the factors determining the development of postoperative pain in patients after knee and hip replacement surgery. <i>Sovremennaya Revmatologiya</i> , 2021, 15, 19-25.	0.1	0
100	Vitamin E-Enhanced Liners in Primary Total Hip Arthroplasty: A Systematic Review and Meta-Analysis. <i>BioMed Research International</i> , 2021, 2021, 1-10.	0.9	3
101	Comparison of Curative Effect of Human Umbilical Cord-Derived Mesenchymal Stem Cells and Their Small Extracellular Vesicles in Treating Osteoarthritis. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 8185-8202.	3.3	26
102	Impact of Smoking on the Incidence and Postoperative Complications of Total Knee Arthroplasty: A Systematic Review and Meta-Analysis of Cohort Studies. <i>Bosnian Journal of Basic Medical Sciences</i> , 2021, , .	0.6	5
103	Evaluation of the effectiveness and safety of icariin in the treatment of knee osteoarthritis. <i>Medicine (United States)</i> , 2021, 100, e28277.	0.4	4
104	INTRA-ARTICULAR PIROXICAM AND TRIAMCINOLONE IN A RAT MODEL OF OSTEOARTHRITIS; ELEVATION AND COMPARISON OF CHONDROPROTECTIVE EFFICACY. <i>Journal of Ayub Medical College, Abbottabad: JAMC</i> , 2021, 34, 53-57.	0.1	1
105	Quadriceps Strength is Associated with the Worsening of Intra-Articular Inflammation in Knee Osteoarthritis: An Exploratory Study from the Osteoarthritis Initiative. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
106	Network Pharmacology and Molecular Docking to Elucidate the Potential Mechanism of Ligusticum Chuanxiong Against Osteoarthritis. <i>Frontiers in Pharmacology</i> , 2022, 13, 854215.	1.6	23
107	Efficacy and Safety of Tramadol Hydrochloride Twice-Daily Sustained-Release Bilayer Tablets with an Immediate-Release Component for Chronic Pain Associated with Knee Osteoarthritis: A Randomized, Double-Blind, Placebo-Controlled, Treatment-Withdrawal Study. <i>Clinical Drug Investigation</i> , 2022, 42, 403-416.	1.1	5
108	Identification of Key Genes and Potential Mechanisms Based on the Autophagy Regulatory Network in Osteoclasts Using a Murine Osteoarthritis Model. <i>Journal of Inflammation Research</i> , 2022, Volume 15, 2333-2347.	1.6	2
109	YY1-induced lncRNA XIST inhibits cartilage differentiation of BMSCs by binding with TAF15 to stabilizing FUT1 expression. <i>Regenerative Therapy</i> , 2022, 20, 41-50.	1.4	6
110	Causal Associations of Circulating Lipids with Osteoarthritis: A Bidirectional Mendelian Randomization Study. <i>Nutrients</i> , 2022, 14, 1327.	1.7	14
111	Feasibility of a hip flexion feedback system for controlling exercise intensity and tibia axial peak accelerations during treadmill walking. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , 0, , 175433712210956.	0.4	1
112	Self-Reported Practices and Emotions in Prescribing Opioids for Chronic Noncancer Pain: A Cross-Sectional Study of German Physicians. <i>Journal of Clinical Medicine</i> , 2022, 11, 2506.	1.0	0
113	Physical activity patterns, genetic susceptibility, and risk of hip/knee osteoarthritis: a prospective cohort study based on the UK Biobank. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 1079-1090.	0.6	4
114	Application of the pH-Responsive PCL/PEG-Nar Nanofiber Membrane in the Treatment of Osteoarthritis. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 859442.	2.0	5
115	Efficacy and Safety of Anti-“Nerve Growth Factor Antibody Therapy for Hip and Knee Osteoarthritis: A Meta-analysis. <i>Orthopaedic Journal of Sports Medicine</i> , 2022, 10, 232596712210885.	0.8	2

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116	Ultra-Pulsed CO2 Laser Osteotomy: A New Method for the Bone Preparation of Total Knee Arthroplasty. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 858862.	2.0	1
117	Association of MTHFR gene polymorphism C677T (rs1801133) studies with early primary knee osteoarthritis in a South Indian population: a hospital-based study. <i>African Health Sciences</i> , 2022, 22, 338-43.	0.3	1
118	The role of AGEs in pathogenesis of cartilage destruction in osteoarthritis. <i>Bone and Joint Research</i> , 2022, 11, 292-300.	1.3	5
119	Osteoarthritis Is Associated With an Increased Risk of Age-Related Macular Degeneration: A Population-Based Longitudinal Follow-Up Study. <i>Frontiers in Medicine</i> , 2022, 9, .	1.2	0
120	Melatonin: A novel candidate for the treatment of osteoarthritis. <i>Ageing Research Reviews</i> , 2022, 78, 101635.	5.0	26
121	Effectiveness of remote exercise programs in reducing pain for patients with knee osteoarthritis: A systematic review of randomized trials. <i>Osteoarthritis and Cartilage Open</i> , 2022, 4, 100264.	0.9	12
122	Effect of Weight Change on Patient-Reported Outcomes Following Total Joint Arthroplasty. <i>Journal of Arthroplasty</i> , 2022, 37, 1991-1997.e1.	1.5	6
123	Impact of osteoarthritis disease severity on treatment patterns and healthcare resource use: analysis of real-world data. <i>Scandinavian Journal of Rheumatology</i> , 2023, 52, 353-363.	0.6	2
124	Effects of denosumab treatment on the expression of receptor activator of nuclear kappa-B ligand (RANKL) and TNF-receptor TNFRSF9 after total hip arthroplasty—results from a randomized placebo-controlled clinical trial. <i>Osteoporosis International</i> , 2022, 33, 1-8.	1.3	1
125	Mesenchymal Stromal Cells in Osteoarthritis: Evidence for Structural Benefit and Cartilage Repair. <i>Biomedicines</i> , 2022, 10, 1278.	1.4	12
126	Burden of osteoarthritis in India and its states, 1990–2019: findings from the Global Burden of disease study 2019. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 1070-1078.	0.6	18
128	Imaging of Osteoarthritis of the Hip. <i>Radiologic Clinics of North America</i> , 2022, 60, 617-628.	0.9	1
129	Imaging of Osteoarthritis of the Knee. <i>Radiologic Clinics of North America</i> , 2022, 60, 605-616.	0.9	8
130	A Case of Fragility Fracture of the Pelvis Initially Diagnosed as Osteoarthritis of the Hip. <i>Arthroplasty Today</i> , 2022, 16, 83-89.	0.8	1
131	Intra-articular corticosteroids associated with increased risk of total hip arthroplasty at 5% years. <i>HIP International</i> , 0, , 112070002211072.	0.9	1
132	Ganoderic acid A improves osteoarthritis by regulating RANKL/OPG ratio. <i>Chemical Biology and Drug Design</i> , 2022, 100, 313-319.	1.5	1
133	Synovitis mediates the association between bone marrow lesions and knee pain in osteoarthritis: data from the Foundation for the National Institute of Health (FNIH) Osteoarthritis Biomarkers Consortium. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 1270-1277.	0.6	7
134	Less Than One-third of Hospitals Provide Compliant Price Transparency Information for Total Joint Arthroplasty Procedures. <i>Clinical Orthopaedics and Related Research</i> , 2022, 480, 2316-2326.	0.7	8

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135	The Burden of Osteoarthritis in the Middle East and North Africa Region From 1990 to 2019. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	13
136	A causal relationship between childhood obesity and risk of osteoarthritis: results from a two-sample Mendelian randomization analysis. <i>Annals of Medicine</i> , 2022, 54, 1636-1645.	1.5	29
137	Efficacy of Duhuo Jisheng Decoction for Treating Cold-Dampness Obstruction Syndrome-Type Knee Osteoarthritis: A Pooled Analysis. <i>BioMed Research International</i> , 2022, 2022, 1-9.	0.9	9
138	New Evaluation and Management Code Level Selection Trends in Hip and Knee Osteoarthritis Patients. <i>Journal of Arthroplasty</i> , 2022, , .	1.5	0
139	Recharge of chondrocyte mitochondria by sustained release of melatonin protects cartilage matrix homeostasis in osteoarthritis. <i>Journal of Pineal Research</i> , 2022, 73, .	3.4	20
140	The Application of circRNA-016901 in Improving the Diagnostic Accuracy of Osteoarthritis. <i>BioMed Research International</i> , 2022, 2022, 1-7.	0.9	3
141	Histone H3K27 demethylase UTX compromises articular chondrocyte anabolism and aggravates osteoarthritic degeneration. <i>Cell Death and Disease</i> , 2022, 13, .	2.7	9
142	Nonlinear and Linear Measures in the Differentiation of Postural Control in Patients after Total Hip or Knee Replacement and Healthy Controls. <i>Diagnostics</i> , 2022, 12, 1595.	1.3	8
143	Dehydrocorydaline Accelerates Cell Proliferation and Extracellular Matrix Synthesis of TNF α -Treated Human Chondrocytes by Targeting Cox2 through JAK1-STAT3 Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7268.	1.8	2
144	The Effectiveness Comparison of Different Acupuncture-Related Therapies on Knee Osteoarthritis: A Meta-Analysis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-6.	0.5	2
145	Regulatory Role of N6-Methyladenosine (m6A) Modification in Osteoarthritis. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	14
146	The Effect of CMS's Comprehensive Care for Joint Replacement Bundled Payment Model on Trajectories of Post-acute Rehabilitation Care After Total Hip Arthroplasty. <i>Archives of Physical Medicine and Rehabilitation</i> , 2022, 103, 2398-2403.	0.5	1
147	Oleanolic acid targets the regulation of PI3K/AKT/mTOR pathway and activates autophagy in chondrocytes to improve osteoarthritis in rats. <i>Journal of Functional Foods</i> , 2022, 94, 105144.	1.6	1
148	High-Efficiency Treatment for Osteoarthritis <i>via</i> Self-Assembled Dual-Functionalized Nanobiologics. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 3320-3328.	2.6	2
149	MRI Semi-Quantitative Evaluation of Clinical Features of Cartilage Injury in Patients with Osteoarthritis. <i>Concepts in Magnetic Resonance Part A: Bridging Education and Research</i> , 2022, 2022, 1-10.	0.2	0
150	The Involvement of Neutrophils in the Pathophysiology and Treatment of Osteoarthritis. <i>Biomedicine</i> , 2022, 10, 1604.	1.4	18
151	Polydatin inhibits IL-1 β -mediated chondrocyte inflammation and ameliorates cartilage degradation: Involvement of the NF- κ B and Wnt/ β -catenin pathways. <i>Tissue and Cell</i> , 2022, 78, 101865.	1.0	5
152	Evaluating the impact of metformin targets on the risk of osteoarthritis: a mendelian randomization study. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 1506-1514.	0.6	13

#	ARTICLE	IF	CITATIONS
153	<sc>CircNFI</sc> regulates chondrogenesis and cartilage homeostasis by targeting the <sc>miR758</sc> axis. Cell Proliferation, 2022, 55, .	2.4	7
154	HIF-1 \pm in Osteoarthritis: From Pathogenesis to Therapeutic Implications. Frontiers in Pharmacology, 0, 13, .	1.6	21
155	Optimizing the anti-inflammatory strategies in (osteo)arthritis - local or systemic?. Quarterly Journal of Nuclear Medicine and Molecular Imaging, 0, , .	0.4	0
156	Viscosupplementation for knee osteoarthritis: systematic review and meta-analysis. BMJ, The, 0, , e069722.	3.0	34
157	Urolithin A improves mitochondrial health, reduces cartilage degeneration, and alleviates pain in osteoarthritis. Aging Cell, 2022, 21, .	3.0	46
158	Neighborhood-Level Socioeconomic Deprivation, Rurality, and Long-Term Outcomes of Patients Undergoing Total Joint Arthroplasty: Analysis from a Large, Tertiary Care Hospital. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2022, 6, 337-346.	1.2	7
159	MXene-aromatic thermosetting copolyester nanocomposite as an extremely wear-resistant biocompatible implant material for osteoarthritis applications. Applied Surface Science, 2022, 600, 154124.	3.1	12
160	Combination of Enzymes and Rutin to Manage Osteoarthritis Symptoms: Lessons from a Narrative Review of the Literature. Rheumatology and Therapy, 2022, 9, 1305-1327.	1.1	4
161	Osteoarthritis: management strategies depending on the location of lesions. Clinician, 2022, 16, 40-51.	0.1	0
162	Arbutin-modified microspheres prevent osteoarthritis progression by mobilizing local anti-inflammatory and antioxidant responses. Materials Today Bio, 2022, 16, 100370.	2.6	12
163	Benefits of Applying Nanotechnologies to Hydrogels in Efficacy Tests in Osteoarthritis Models – A Systematic Review of Preclinical Studies. International Journal of Molecular Sciences, 2022, 23, 8236.	1.8	0
164	How Do Nonsurgical Interventions Improve Pain and Physical Function in People With Osteoarthritis? A Scoping Review of Mediation Analysis Studies. Arthritis Care and Research, 2023, 75, 467-481.	1.5	13
165	Engineering of MSC-Derived Exosomes: A Promising Cell-Free Therapy for Osteoarthritis. Membranes, 2022, 12, 739.	1.4	16
166	Predictors of the Health-Related Quality of Life (HRQOL) in SF-36 in Knee Osteoarthritis Patients: A Multimodal Model With Moderators and Mediators. Cureus, 2022, , .	0.2	2
167	Correlation of femoral version measurements between computed tomography and magnetic resonance imaging studies in patients presenting with a femoroacetabular impingement-related complaint. Journal of Hip Preservation Surgery, 2023, 9, 219-224.	0.6	1
168	NR4A1-3 nuclear receptor activity and immune cell dysregulation in rheumatic diseases. Frontiers in Medicine, 0, 9, .	1.2	3
169	Six macrophage-associated genes in synovium constitute a novel diagnostic signature for osteoarthritis. Frontiers in Immunology, 0, 13, .	2.2	10
170	Nitidine Chloride Alleviates Inflammation and Cellular Senescence in Murine Osteoarthritis Through Scavenging ROS. Frontiers in Pharmacology, 0, 13, .	1.6	1

#	ARTICLE	IF	CITATIONS
171	Expanded CD1c+CD163+ DC3 Population in Synovial Tissues Is Associated with Disease Progression of Osteoarthritis. <i>Journal of Immunology Research</i> , 2022, 2022, 1-11.	0.9	2
172	Therapeutic potential of inhibiting histone 3 lysine 27 demethylases: a review of the literature. <i>Clinical Epigenetics</i> , 2022, 14, .	1.8	11
173	Influence of physically demanding occupations on the development of osteoarthritis of the hip: a systematic review. <i>Journal of Occupational Medicine and Toxicology</i> , 2022, 17, .	0.9	4
174	Engineering Hyaluronic Acid for the Development of New Treatment Strategies for Osteoarthritis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8662.	1.8	12
175	Osteoarthritis Risks and Sports: An Evidence-based Systematic Review. <i>Sports Medicine and Arthroscopy Review</i> , 2022, 30, 118-140.	1.0	4
176	Nonpharmacologic and Rehabilitative Strategies to Address Chronic Pain. <i>Primary Care - Clinics in Office Practice</i> , 2022, 49, 403-413.	0.7	0
177	Exosomes rewire the cartilage microenvironment in osteoarthritis: from intercellular communication to therapeutic strategies. <i>International Journal of Oral Science</i> , 2022, 14, .	3.6	28
178	Deciphering clock genes as emerging targets against aging. <i>Ageing Research Reviews</i> , 2022, 81, 101725.	5.0	10
179	Circular RNA circNFKB1 promotes osteoarthritis progression through interacting with ENO1 and sustaining NF- κ B signaling. <i>Cell Death and Disease</i> , 2022, 13, .	2.7	14
180	Quadriceps strength is negatively associated with knee joint structural abnormalitiesâ€”data from osteoarthritis initiative. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, .	0.8	2
181	Exercise-induced modulation of myokine irisin in bone and cartilage tissueâ€”Positive effects on osteoarthritis: A narrative review. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	6
183	Emerging role of <sc>EZH2</sc> in rheumatic diseases: A comprehensive review. <i>International Journal of Rheumatic Diseases</i> , 2022, 25, 1230-1238.	0.9	4
184	Recommendations for weight management in osteoarthritis: A systematic review of clinical practice guidelines. <i>Osteoarthritis and Cartilage Open</i> , 2022, 4, 100298.	0.9	15
185	miR-150-5p and XIST interaction controls monocyte adherence: Implications for osteoarthritis therapy. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	4
186	Detection Method of Athlete Joint Injury Based on Deep Learning Model. <i>Computational and Mathematical Methods in Medicine</i> , 2022, 2022, 1-11.	0.7	0
187	Peoples' beliefs about their chronic hip pain and its care: a systematic review of qualitative studies. â€œI'm just getting old and breaking downâ€. <i>Pain</i> , 2023, 164, 926-947.	2.0	4
189	Nanoarchitectonics of Cartilage-Targeting Hydrogel Microspheres with Reactive Oxygen Species Responsiveness for the Repair of Osteoarthritis. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 40711-40723.	4.0	31
190	Progressive resistance training compared to neuromuscular exercise in patients with hip osteoarthritis and the additive effect of exercise booster sessions: protocol for a multicentre cluster randomised controlled trial (The Hip Booster Trial). <i>BMJ Open</i> , 2022, 12, e061053.	0.8	0

#	ARTICLE	IF	CITATIONS
191	Salinomycin alleviates osteoarthritis progression via inhibiting Wnt/ β^2 -catenin signaling. <i>International Immunopharmacology</i> , 2022, 112, 109225.	1.7	2
192	Hematoma Formation After Hip Corticosteroid Injection in a Patient with Chronic Myelomonocytic Leukemia. <i>JBJS Case Connector</i> , 2022, 12, .	0.1	0
193	Radiologically Guided Versus Blinded Intra-articular Injection in Patients With Hip Osteoarthritis: A Retrospective Comparative Study. <i>Clinical Medicine Insights: Arthritis and Musculoskeletal Disorders</i> , 2022, 15, 117954412211189.	0.3	2
194	Targeted and Responsive Biomaterials for Osteoarthritis Therapy. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
195	Natural Compounds Affecting Inflammatory Pathways of Osteoarthritis. <i>Antioxidants</i> , 2022, 11, 1722.	2.2	2
196	Applied Assessment Method for Varus Thrust during Walking in Patients with Knee Osteoarthritis Using Acceleration Data Measured by an Inertial Measurement Unit. <i>Sensors</i> , 2022, 22, 6460.	2.1	4
197	Updates on mesenchymal stem cell therapies for articular cartilage regeneration in large animal models. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	8
198	Current understanding of osteoarthritis pathogenesis and relevant new approaches. <i>Bone Research</i> , 2022, 10, .	5.4	85
199	Acupotomy combined with intra-articular injection of sodium hyaluronate in the treatment of knee osteoarthritis. <i>Medicine (United States)</i> , 2022, 101, e30225.	0.4	0
200	Different Prevalence of Neuropathic Pain and Risk Factors in Patients with Knee Osteoarthritis at Stages of Outpatient, Awaiting and after Total Knee Arthroplasty. <i>Orthopaedic Surgery</i> , 2022, 14, 2871-2877.	0.7	2
201	Asymmetries and relationships between muscle strength, proprioception, biomechanics, and postural stability in patients with unilateral knee osteoarthritis. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	7
202	Targeting FoxO transcription factors with HDAC inhibitors for the treatment of osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2023, 82, 262-271.	0.5	12
204	Deconstruction of Knee Cartilage Injury in Athletes Using MR Images Based on Artificial Intelligence Segmentation Algorithm. <i>Contrast Media and Molecular Imaging</i> , 2022, 2022, 1-13.	0.4	2
205	Advanced injectable hydrogels for cartilage tissue engineering. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	18
206	Implementation of Photosensitive, Injectable, Interpenetrating, and Kartogenin-Modified GELMA/PEDGA Biomimetic Scaffolds to Restore Cartilage Integrity in a Full-Thickness Osteochondral Defect Model. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 4474-4485.	2.6	2
207	New insight into the current study of high tibial osteotomy: A bibliometric analysis. <i>Medicine (United States)</i> 101(11):e27843. doi:10.1097/MD.0000000000002784	0.4	0
208	Unbiased comparison and modularization identify time-related transcriptomic reprogramming in exercised rat cartilage: Integrated data mining and experimental validation. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	1
209	Prevention of postoperative pain in patients with hip joint pathology and obesity. <i>Vestnik Medicinskogo Instituta REAVIZ Reabilitacijski Centar Zdravstvenega Inzinerstva</i> , 2022, , 37-42.	0.1	1

#	ARTICLE	IF	CITATIONS
210	Consensus Guidelines on Interventional Therapies for Knee Pain (STEP Guidelines) from the American Society of Pain and Neuroscience. <i>Journal of Pain Research</i> , 0, Volume 15, 2683-2745.	0.8	12
211	Cell-based therapies have disease-modifying effects on osteoarthritis in animal models. A systematic review by the ESSKA Orthobiologic Initiative. Part 1: adipose tissue-derived cell-based injectable therapies. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2023, 31, 641-655.	2.3	9
212	Patient characteristics, pain treatment patterns, and incidence of total joint replacement in a US population with osteoarthritis. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, .	0.8	4
213	Fully automated measurement on coronal alignment of lower limbs using deep convolutional neural networks on radiographic images. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, .	0.8	0
214	Cellular therapy and tissue engineering for cartilage repair. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 1547-1560.	0.6	17
215	Roles of focal adhesion proteins in skeleton and diseases. <i>Acta Pharmaceutica Sinica B</i> , 2023, 13, 998-1013.	5.7	16
216	The effect of an anti-inflammatory in comparison with a low caloric diet on physical and mental health in overweight and obese women with knee osteoarthritis: a randomized clinical trial. <i>European Journal of Nutrition</i> , 0, , .	1.8	1
217	Development of a personalized shared decision-making tool for knee osteoarthritis and user-testing with African American and Latina women. <i>Journal of Family Medicine and Primary Care</i> , 2022, 11, 5447.	0.3	1
218	A Randomised Controlled Trial of YOGa and Strengthening Exercise for Knee OsteoArthritis: Protocol for a Comparative Effectiveness Trial (YOGA Trial). <i>Journal of Functional Morphology and Kinesiology</i> , 2022, 7, 84.	1.1	1
219	Physical therapy as a promising treatment for osteoarthritis: A narrative review. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	6
220	Osteoarthritis: New Insight on Its Pathophysiology. <i>Journal of Clinical Medicine</i> , 2022, 11, 6013.	1.0	35
221	What Personal and Work-Related Characteristics of Dutch Construction Workers With Knee Osteoarthritis Are Associated With Future Work Ability?. <i>Journal of Occupational and Environmental Medicine</i> , 2023, 65, 271-276.	0.9	1
222	Is intra-articular injection of autologous micro-fragmented adipose tissue effective in hip osteoarthritis? A three-year follow-up. <i>International Orthopaedics</i> , 2023, 47, 1487-1492.	0.9	4
223	Efficacy and safety of colchicine for the treatment of osteoarthritis: a systematic review and meta-analysis of intervention trials. <i>Clinical Rheumatology</i> , 2023, 42, 889-902.	1.0	3
224	Clinical efficacy and safety of the combination of mesenchymal stem cells and scaffolds in the treatment of knee osteoarthritis: Protocol for systematic review and meta-analysis. <i>Medicine (United Tj ETQq0 0 0rgBT /Ovcllock 10 Tf</i>		
225	2022 <scp>WSAVA</scp> guidelines for the recognition, assessment and treatment of pain. <i>Journal of Small Animal Practice</i> , 2023, 64, 177-254.	0.5	36
226	Lack of Demographic Information in Total Hip Arthroplasty/Total Knee Arthroplasty Randomized Controlled Trial Publications. <i>Journal of Arthroplasty</i> , 2023, 38, 573-577.	1.5	4
227	The Effects of Aerobic and Resistance Exercise Therapy with and without Weight Bearing on the Outcomes of Stem Cell Therapy for Knee Osteoarthritis: A Randomized Clinical Trial. <i>Annals of Applied Sport Science</i> , 2022, 10, 0-0.	0.4	1

#	ARTICLE	IF	CITATIONS
228	Getting the clock back on its feet: targeting the circadian clock to treat osteoarthritis. <i>FEBS Journal</i> , 2022, 289, 6640-6642.	2.2	0
229	Assessment of ^{99m} Tc-NTP 15-5 uptake on cartilage, a new proteoglycan tracer: Study protocol for a phase I trial (CARSPECT). <i>Frontiers in Medicine</i> , 0, 9, .	1.2	0
231	Impact of being underweight on peri-operative and post-operative outcomes of total knee or hip arthroplasty: A meta-analysis. <i>World Journal of Clinical Cases</i> , 0, 10, 10967-10983.	0.3	1
232	Polymorphism of LYPLAL1 and TGFA genes associated with progression of knee osteoarthritis in residents Central Chernozem Region of Russia. <i>Travmatologiya i Ortopediya Rossii</i> , 0, , .	0.1	0
233	Boswellia for osteoarthritis. <i>The Cochrane Library</i> , 2022, 2022, .	1.5	0
234	Emerging role of lncRNAs in osteoarthritis: An updated review. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	5
235	Comparison of Polynucleotide, Sodium Hyaluronate, and Crosslinked Sodium Hyaluronate for the Management of Painful Knee Osteoarthritis: A Multi-Center, Randomized, Double-Blind, Parallel-Group Study. <i>Pain Medicine</i> , 0, , .	0.9	2
236	Differences in Synovial Cytokine Profile Associated with Long-Term Clinical Outcomes in Patients with Knee Osteoarthritis Undergoing Corrective Osteotomy with Platelet-Rich Plasma or Stromal Vascular Fraction Post-Treatments. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12835.	1.8	4
237	Environmental Risk Factors for Osteoarthritis: The Impact on Individuals with Knee Joint Injury. <i>Rheumatic Disease Clinics of North America</i> , 2022, 48, 907-930.	0.8	3
238	Madecassic Acid Ameliorates the Progression of Osteoarthritis: An in vitro and in vivo Study. <i>Drug Design, Development and Therapy</i> , 0, Volume 16, 3793-3804.	2.0	3
239	Hydrogel-based bioinks for 3D bioprinting articular cartilage: A comprehensive review with focus on mechanical reinforcement. <i>Applied Materials Today</i> , 2022, 29, 101668.	2.3	10
240	Nodakenin attenuates cartilage degradation and inflammatory responses in a mice model of knee osteoarthritis by regulating mitochondrial Drp1/ROS/NLRP3 axis. <i>International Immunopharmacology</i> , 2022, 113, 109349.	1.7	8
241	The Booster Effect of a Single Quarterly Dose of Hyaluronic Acid in Knee Osteoarthritis: Five-Year Results of a Registry-Based Study. <i>Cureus</i> , 2022, , .	0.2	1
242	Cost-Effective Healthcare in Rehabilitation: Physiotherapy for Total Endoprosthesis Surgeries from Prehabilitation to Function Restoration. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 15067.	1.2	3
243	Advances in osteoarthritis imaging. <i>Current Opinion in Rheumatology</i> , 2023, 35, 44-54.	2.0	8
244	Antiarthritic potential of berberine loaded invasomal gel. <i>Phytomedicine Plus</i> , 2022, 2, 100373.	0.9	1
245	The Effect of Different Frequencies of Pulsed Electromagnetic Fields on Cartilage Repair of Adipose Mesenchymal Stem Cell-Derived Exosomes in Osteoarthritis. <i>Cartilage</i> , 2022, 13, 200-212.	1.4	5
246	Thermosensitive In Situ Gels for Joint Disorders: Pharmaceutical Considerations in Intra-Articular Delivery. <i>Gels</i> , 2022, 8, 723.	2.1	4

#	ARTICLE	IF	CITATIONS
247	Effect of Wu Qin Xi exercises on pain and function in people with knee osteoarthritis: A systematic review and meta-analysis. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	4
248	The Institute of Physical Medicine and Rehabilitation, Hospital das Clínicas University of São Paulo School of Medicine comprehensive rehabilitation program for elderly people with knee osteoarthritis. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	0
249	Quantitative measurement of cartilage morphology in osteoarthritis: current knowledge and future directions. <i>Skeletal Radiology</i> , 2023, 52, 2107-2122.	1.2	6
250	Peripheral patellar denervation has a better effect in reducing postoperative anterior knee pain than patellar resurfacing in TKA. <i>Medicine (United States)</i> , 2022, 101, e31584.	0.4	3
251	Effects of $\alpha 2$ Integrins on Osteoclasts, Macrophages, Chondrocytes, and Synovial Fibroblasts in Osteoarthritis. <i>Biomolecules</i> , 2022, 12, 1653.	1.8	5
252	Effect of compression by elastic bandages on pain and function in individuals with knee osteoarthritis: protocol of a randomised controlled clinical trial. <i>BMJ Open</i> , 2022, 12, e066542.	0.8	0
253	Retinoic Acid Receptor Gamma ($RAR\gamma$) Promotes Cartilage Destruction through Positive Feedback Activation of $NF-\kappa B$ Pathway in Human Osteoarthritis. <i>Mediators of Inflammation</i> , 2022, 2022, 1-21.	1.4	0
256	DNN-Based Knee OA Severity Prediction System: Pathologically Robust Feature Engineering Approach. <i>SN Computer Science</i> , 2023, 4, .	2.3	1
258	Cathepsins in the extracellular space: Focusing on non-lysosomal proteolytic functions with clinical implications. <i>Cellular Signalling</i> , 2023, 103, 110531.	1.7	4
259	Teriparatide ameliorates articular cartilage degradation and aberrant subchondral bone remodeling in DMM mice. <i>Journal of Orthopaedic Translation</i> , 2023, 38, 241-255.	1.9	4
260	Comparison of the effects of acupotomy and acupuncture on knee osteoarthritis: A systematic review and meta-analysis. <i>Complementary Therapies in Clinical Practice</i> , 2023, 50, 101712.	0.7	3
261	Exercise induced meteorin-like protects chondrocytes against inflammation and pyroptosis in osteoarthritis by inhibiting $PI3K/Akt/NF-\kappa B$ and $NLRP3/caspase-1/GSDMD$ signaling. <i>Biomedicine and Pharmacotherapy</i> , 2023, 158, 114118.	2.5	18
262	Intra-Articular Hip Injections. , 2022, , 667-674.		0
263	Application of Virtual and Augmented Reality Technology in Hip Surgery: Systematic Review. <i>Journal of Medical Internet Research</i> , 0, 25, e37599.	2.1	5
264	miR-17-92 cluster in osteoarthritis: Regulatory roles and clinical utility. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	3
265	Quality Improvement of a Hip Injection Service. <i>Cureus</i> , 2022, , .	0.2	0
266	Acupotomy by ultrasound-guided versus anatomical guidance in knee osteoarthritis: A protocol for systematic review and meta-analysis. <i>Medicine (United States)</i> , 2022, 101, e31693.	0.4	0
267	Efficacy, residual effectiveness and safety of diacerein in the treatment of knee osteoarthritis: A meta-analysis of randomized placebo-controlled trials. <i>Medicine (United States)</i> , 2022, 101, e31700.	0.4	2

#	ARTICLE	IF	CITATIONS
268	Intra-articular injection choice for osteoarthritis: making sense of cell source— an updated systematic review and dual network meta-analysis. <i>Arthritis Research and Therapy</i> , 2022, 24, .	1.6	7
269	Rotator cuff muscle degeneration in a mouse model of glenohumeral osteoarthritis induced by monoiodoacetic acid. <i>Journal of Shoulder and Elbow Surgery</i> , 2022, , .	1.2	0
270	Tumor necrosis factor- β inhibition restores matrix formation by human adipose-derived stem cells in the late stage of chondrogenic differentiation. <i>World Journal of Stem Cells</i> , 0, 14, 798-814.	1.3	1
271	Blocking TRPV4 Ameliorates Osteoarthritis by Inhibiting M1 Macrophage Polarization via the ROS/NLRP3 Signaling Pathway. <i>Antioxidants</i> , 2022, 11, 2315.	2.2	9
272	Efficacy and safety of Chinese herbal medicine Danggui Sini decoction for knee osteoarthritis: A protocol for systematic review and meta-analysis. <i>Medicine (United States)</i> , 2022, 101, e31516.	0.4	0
273	The association between statin use and osteoarthritis-related outcomes: An updated systematic review and meta-analysis. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	1
274	Expression of m ⁶ A Methylation Regulator in Osteoarthritis and Its Prognostic Markers. <i>Cartilage</i> , 0, , 194760352211377.	1.4	1
275	What is the utility of hip arthroscopy in patients with joint laxity? A contemporary systematic review of patient-reported and surgical outcomes. <i>Archives of Orthopaedic and Trauma Surgery</i> , 0, , .	1.3	0
276	How Effective Are Non-Operative Intra-Articular Treatments for Bone Marrow Lesions in Knee Osteoarthritis in Adults? A Systematic Review of Controlled Clinical Trials. <i>Pharmaceuticals</i> , 2022, 15, 1555.	1.7	1
277	Flavokawain A alleviates the progression of mouse osteoarthritis: An in vitro and in vivo study. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	1
279	Education level has an effect on the recovery of total knee arthroplasty: a retrospective study. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, .	0.8	0
281	Effect of Curcuma longa extract on serum inflammatory markers and MRI-based synovitis in knee osteoarthritis: secondary analyses from the CurKOA randomised trial. <i>Phytomedicine</i> , 2023, 109, 154616.	2.3	1
284	Medicinal cannabis for Australian patients with chronic refractory pain including arthritis. <i>British Journal of Pain</i> , 2023, 17, 206-217.	0.7	1
285	A review focusing on the benefits of plant-derived polysaccharides for osteoarthritis. <i>International Journal of Biological Macromolecules</i> , 2023, 228, 582-593.	3.6	4
286	Preoperative Risk Factors of Persistent Pain following Total Knee Arthroplasty. <i>BioMed Research International</i> , 2022, 2022, 1-7.	0.9	3
287	Automatic assessment of knee osteoarthritis severity in portable devices based on deep learning. <i>Journal of Orthopaedic Surgery and Research</i> , 2022, 17, .	0.9	3
288	Analyzing network pharmacology and molecular docking to clarify Duhuo Jisheng decoction potential mechanism of osteoarthritis mitigation. <i>Medicine (United States)</i> , 2022, 101, e32132.	0.4	1
290	A Bibliometric and Knowledge Map Analysis of Osteoarthritis Signaling Pathways from 2012 to 2022. <i>Journal of Pain Research</i> , 0, Volume 15, 3833-3846.	0.8	0

#	ARTICLE	IF	CITATIONS
291	Cartilaginous Organoids: Advances, Applications, and Perspectives. <i>Advanced NanoBiomed Research</i> , 2023, 3, .	1.7	1
292	The Association Between Quadriceps Strength and Synovitis in Knee Osteoarthritis: An Exploratory Study From the Osteoarthritis Initiative. <i>Journal of Rheumatology</i> , 2023, 50, 548-555.	1.0	3
293	Genetic influences of the effect of circulating inflammatory cytokines on osteoarthritis in humans. <i>Osteoarthritis and Cartilage</i> , 2023, 31, 1047-1055.	0.6	1
294	Acute postoperative pain and dorsal root ganglia transcriptomic signatures following total knee arthroplasty (TKA) in rats: An experimental study. <i>PLoS ONE</i> , 2022, 17, e0278632.	1.1	3
295	Senescent cell population with ZEB1 transcription factor as its main regulator promotes osteoarthritis in cartilage and meniscus. <i>Annals of the Rheumatic Diseases</i> , 2023, 82, 403-415.	0.5	18
296	Variation in the utilisation of physiotherapy in patients with advanced knee osteoarthritis prior to total knee arthroplasty a systematic review. <i>Musculoskeletal Care</i> , 2023, 21, 338-354.	0.6	2
297	Recombinant protein drugs-based intra articular drug delivery systems for osteoarthritis therapy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2023, 183, 33-46.	2.0	3
298	A Study on the Effects of Lateral-Wedge Insoles on Plantar-Pressure Pattern for Medial Knee Osteoarthritis Using the Wearable Sensing Insole. <i>Sensors</i> , 2023, 23, 84.	2.1	1
300	Awareness About Total Knee Arthroplasty Among Hail Population. <i>Cureus</i> , 2023, , .	0.2	2
301	Pain Intensity and Trajectory Following Intra-Articular Injection of Mono-Iodoacetate in Experimental Osteoarthritis: A Meta-Analysis of <i>In Vivo</i> Studies. <i>Cartilage</i> , 2023, 14, 86-93.	1.4	0
302	A two-gene random forest model to diagnose osteoarthritis based on RNA-binding protein-related genes in knee cartilage tissue. <i>Aging</i> , 0, , .	1.4	1
303	Comparative efficacy of exercise therapy and oral non-steroidal anti-inflammatory drugs and paracetamol for knee or hip osteoarthritis: a network meta-analysis of randomised controlled trials. <i>British Journal of Sports Medicine</i> , 2023, 57, 990-996.	3.1	13
304	The effects of low-level laser therapy on muscle strength and functional outcomes in individuals with knee osteoarthritis: a double-blinded randomized controlled trial. <i>Scientific Reports</i> , 2023, 13, .	1.6	6
305	Low-dose radiotherapy of osteoarthritis: from biological findings to clinical effectsâ€”challenges for future studies. <i>Strahlentherapie Und Onkologie</i> , 2023, 199, 1164-1172.	1.0	4
306	Accuracy of in vivo microCT imaging in assessing the microstructural properties of the mouse tibia subchondral bone. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	1
307	Potential surrogate outcomes in individuals at high risk for incident knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2023, , .	0.6	3
308	Efficacy of pericapsular nerve group (PENG) block on perioperative pain management in elderly patients undergoing hip surgical procedures: a protocol for a systematic review with meta-analysis and trial sequential analysis. <i>BMJ Open</i> , 2023, 13, e065304.	0.8	1
309	Uncovering the â€œriddle of femininityâ€”in osteoarthritis: a systematic review and meta-analysis of menopausal animal models and mathematical modeling of estrogen treatment. <i>Osteoarthritis and Cartilage</i> , 2023, 31, 447-457.	0.6	4

#	ARTICLE	IF	CITATIONS
310	Silencing miR-146a-5p Protects against Injury-Induced Osteoarthritis in Mice. <i>Biomolecules</i> , 2023, 13, 123.	1.8	4
311	Targeting Vascular Endothelial Growth Factor Receptors as a Therapeutic Strategy for Osteoarthritis and Associated Pain. <i>International Journal of Biological Sciences</i> , 2023, 19, 675-690.	2.6	3
312	Regulatory mechanism of circular RNA involvement in osteoarthritis. <i>Frontiers in Surgery</i> , 0, 9, .	0.6	3
313	Intra-articular nanodrug delivery strategies for treating osteoarthritis. <i>Drug Discovery Today</i> , 2023, 28, 103482.	3.2	11
314	Nanomaterial-assisted theranosis of bone diseases. <i>Bioactive Materials</i> , 2023, 24, 263-312.	8.6	8
315	Transcatheter Arterial Embolization for Alleviating Chronic Musculoskeletal Pain and Improving Physical Function: A Narrative Review. <i>Diagnostics</i> , 2023, 13, 134.	1.3	4
316	The Short-Term Efficacy of Large-Focused and Controlled-Unfocused (Radial) Extracorporeal Shock Wave Therapies in the Treatment of Hip Osteoarthritis. <i>Journal of Personalized Medicine</i> , 2023, 13, 48.	1.1	1
317	m6A regulator-mediated methylation modification patterns and immune microenvironment infiltration characterization in osteoarthritis. <i>BMC Medical Genomics</i> , 2022, 15, .	0.7	2
318	Causal Relationships of General and Abdominal Adiposity on Osteoarthritis: A Two-Sample Mendelian Randomization Study. <i>Journal of Clinical Medicine</i> , 2023, 12, 320.	1.0	9
319	A Network Pharmacology-Based Study of Potential Targets of Angelicae Pubescentis-Herba Taxilli Compound for the Treatment of Osteoarthritis. <i>Computational and Mathematical Methods in Medicine</i> , 2022, 2022, 1-10.	0.7	4
320	Anti-Osteoarthritic Effects of Prunella Vulgaris and Gentiana Lutea In Vitro and In Vivo. <i>Antioxidants</i> , 2023, 12, 47.	2.2	0
321	Transcutaneous Vagal Stimulation in Knee Osteoarthritis (TRAVKO): Protocol of a Superiority, Outcome Assessor- and Participant-Blind, Randomised Controlled Trial. <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 311.	1.2	0
322	Association of hormone replacement therapy and the risk of knee osteoarthritis: A meta-analysis. <i>Medicine (United States)</i> , 2022, 101, e32466.	0.4	0
324	European Database of Explanted UHMWPE Liners from Total Joint Replacements: Correlations among Polymer Modifications, Structure, Oxidation, Mechanical Properties and Lifetime In Vivo. <i>Polymers</i> , 2023, 15, 568.	2.0	4
325	A pilot randomized controlled trial evaluating outdoor community walking for knee osteoarthritis: walk. <i>Clinical Rheumatology</i> , 2023, 42, 1409-1421.	1.0	3
326	Targeted and responsive biomaterials in osteoarthritis. <i>Theranostics</i> , 2023, 13, 931-954.	4.6	21
327	Ultrasml PtAu ₂ nanoclusters activate endogenous anti-inflammatory and anti-oxidative systems to prevent inflammatory osteolysis. <i>Theranostics</i> , 2023, 13, 1010-1027.	4.6	4
328	Autophagy in the pathogenesis and therapeutic potential of post-traumatic osteoarthritis. <i>Burns and Trauma</i> , 2023, 11, .	2.3	4

#	ARTICLE	IF	CITATIONS
330	Mechanism of immune infiltration in synovial tissue of osteoarthritis: a gene expression-based study. <i>Journal of Orthopaedic Surgery and Research</i> , 2023, 18, .	0.9	1
332	Intracellular Delivery of Itaconate by Metal-Organic Framework-Anchored Hydrogel Microspheres for Osteoarthritis Therapy. <i>Pharmaceutics</i> , 2023, 15, 724.	2.0	5
333	Single-cell protein activity analysis reveals a novel subpopulation of chondrocytes and the corresponding key master regulator proteins associated with anti-senescence and OA progression. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	2
334	Dihydrocaffeic acid improves IL-1 β -induced inflammation and cartilage degradation via inhibiting NF- κ B and MAPK signalling pathways. <i>Bone and Joint Research</i> , 2023, 12, 259-273.	1.3	3
336	PGC-1 α in osteoarthritic chondrocytes: From mechanism to target of action. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	1
337	An Interpretable Machine Learning Model for Predicting 10-Year Total Hip Arthroplasty Risk. <i>Journal of Arthroplasty</i> , 2023, 38, S44-S50.e6.	1.5	5
338	Thermal and compositional characterization of chicken, beef, and pork cartilage to establish its lifetime. <i>Heliyon</i> , 2023, 9, e14853.	1.4	0
339	Neuropathic-like symptoms and central sensitization related signs and symptoms negatively affect the functional performance of patients with knee osteoarthritis – a cross-sectional study. <i>Osteoarthritis and Cartilage Open</i> , 2023, 5, 100358.	0.9	0
340	Evaluation of intracellular signal molecules that regulate TLR4-stimulated inflammatory mediator expression in cultured rat chondrocytes. <i>Journal of Pharmacological Sciences</i> , 2023, 152, 103-111.	1.1	1
341	Deep Learning on Knee CT Scans from Osteoarthritis Patients for Joint Space Assessment. , 2022, , .		0
342	Above knee socket prosthesis use changes proximal femur morphology. <i>Bone</i> , 2023, 172, 116752.	1.4	1
344	The role of adipose-derived mesenchymal stem cells in knee osteoarthritis: a meta-analysis of randomized controlled trials. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2022, 14, 1759720X2211460.	1.2	4
345	Patterns of variation among baseline femoral and tibial cartilage thickness and clinical features: Data from the osteoarthritis initiative. <i>Osteoarthritis and Cartilage Open</i> , 2023, 5, 100334.	0.9	1
346	MSC-EVs alleviate osteoarthritis by regulating microenvironmental cells in the articular cavity and maintaining cartilage matrix homeostasis. <i>Ageing Research Reviews</i> , 2023, 85, 101864.	5.0	7
347	A Biomimetic Lubricating Nanosystem with Responsive Drug Release for Osteoarthritis Synergistic Therapy. <i>Advanced Healthcare Materials</i> , 2023, 12, .	3.9	9
348	Adhesive hydrogels in osteoarthritis: from design to application. <i>Military Medical Research</i> , 2023, 10, .	1.9	7
349	Soluble and EV-Associated Diagnostic and Prognostic Biomarkers in Knee Osteoarthritis Pathology and Detection. <i>Life</i> , 2023, 13, 342.	1.1	2
350	Fermented jellyfish (<i>Rhopilema esculentum</i>) collagen enhances antioxidant activity and cartilage protection on surgically induced osteoarthritis in obese rats. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	2

#	ARTICLE	IF	CITATIONS
353	A Randomized Trial of Intra-articular Injection Therapy for Knee Osteoarthritis. <i>Investigative Radiology</i> , 2023, 58, 355-362.	3.5	2
354	Osteoarthritis: pathogenic signaling pathways and therapeutic targets. <i>Signal Transduction and Targeted Therapy</i> , 2023, 8, .	7.1	146
355	Classification Anterior and Posterior of Knee Osteoarthritis X-Ray Images Grade KL-2 Using Deep Learning with Random Brightness Augmentation. , 2022, , .		0
356	Public Knowledge of Osteoarthritis in Al-Qunfudah Governorate, Saudi Arabia. <i>Cureus</i> , 2023, , .	0.2	1
357	Total knee arthroplasty and patelloplasty in a patient with phocomelia caused by thalidomide. <i>SAGE Open Medical Case Reports</i> , 2023, 11, 2050313X2311546.	0.2	1
358	Efficacy and safety of anti-interleukin-1 therapeutics in the treatment of knee osteoarthritis: a systematic review and meta-analysis of randomized controlled trials. <i>Journal of Orthopaedic Surgery and Research</i> , 2023, 18, .	0.9	4
359	The Impact of Living Arrangements on the Prevalence of Falls after Total Joint Arthroplasty: A Comparison between Institutionalized and General Geriatric Population. <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 3409.	1.2	0
360	Protective effects of Pudilan Tablets against osteoarthritis in mice induced by monosodium iodoacetate. <i>Scientific Reports</i> , 2023, 13, .	1.6	4
361	An update on the effect of intra-articular intervention strategies using nanomaterials in osteoarthritis: Possible clinical application. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 11, .	2.0	2
362	A review of quality-of-life in elderly osteoarthritis. <i>Expert Review of Pharmacoeconomics and Outcomes Research</i> , 2023, 23, 365-381.	0.7	8
363	Comparative Analysis on the Effect of Sarcopenia in Patients with Knee Osteoarthritis before and after Total Knee Arthroplasty. <i>Diseases (Basel, Switzerland)</i> , 2023, 11, 36.	1.0	1
364	Effectiveness and safety of manual therapy for knee osteoarthritis: An overview of systematic reviews and meta-analyses. <i>Frontiers in Public Health</i> , 0, 11, .	1.3	2
365	Research Progress in Non-Surgical Therapy of Knee Osteoarthritis. <i>Advances in Clinical Medicine</i> , 2023, 13, 2765-2771.	0.0	0
367	The efficacy and safety of hydrotherapy in patients with knee osteoarthritis: A protocol for systematic review and meta-analysis. <i>Medicine (United States)</i> , 2023, 102, e33027.	0.4	0
368	Different molecular weights of hyaluronan research in knee osteoarthritis: A state-of-the-art review. <i>Matrix Biology</i> , 2023, 117, 46-71.	1.5	4
369	Intra-articular nanoparticles based therapies for osteoarthritis and rheumatoid arthritis management. <i>Materials Today Bio</i> , 2023, 19, 100597.	2.6	13
370	Effectiveness of Correction of Sarcopenia Signs in Elderly People with Knee Arthroplasty. <i>Ukraïnskij Žurnal Medicini BÄologÄ Ta Sportu</i> , 2023, 8, 214-221.	0.0	0
371	Water extracts of Polygonum Multiflorum Thunb. and its active component emodin relieves osteoarthritis by regulating cholesterol metabolism and suppressing chondrocyte inflammation. , 2023, 3, 96-106.		21

#	ARTICLE	IF	CITATIONS
372	A review of the pleiotropic actions of the IFN-inducible CXC chemokine receptor 3 ligands in the synovial microenvironment. <i>Cellular and Molecular Life Sciences</i> , 2023, 80, .	2.4	5
373	Recent Advances in Small Molecule Inhibitors for the Treatment of Osteoarthritis. <i>Journal of Clinical Medicine</i> , 2023, 12, 1986.	1.0	4
374	Synovial mesenchymal stem cell-derived exosomal microRNA-320c facilitates cartilage damage repair by targeting ADAM19-dependent Wnt signalling in osteoarthritis rats. <i>Inflammopharmacology</i> , 2023, 31, 915-926.	1.9	2
375	Clinical reasoning in managing chronic hip pain: One in two Australian and New Zealand physiotherapists diagnosed a case vignette with clinical criteria for hip OA as hip OA. A cross-sectional survey. <i>Musculoskeletal Care</i> , 0, , .	0.6	0
376	Inhibition of histone lysine demethylase 6A promotes chondrocytic activity and attenuates osteoarthritis development through repressing H3K27me3 enhancement of Wnt10a. <i>International Journal of Biochemistry and Cell Biology</i> , 2023, 158, 106394.	1.2	2
377	Extracellular vesicles in osteoarthritis of peripheral joint and temporomandibular joint. <i>Frontiers in Endocrinology</i> , 0, 14, .	1.5	0
378	Characterization and role exploration of ferroptosis-related genes in osteoarthritis. <i>Frontiers in Molecular Biosciences</i> , 0, 10, .	1.6	5
379	Protease-Activatable Porphyrin Molecular Beacon for Osteoarthritis Management. , 2023, 1, 66-80.		3
380	Association of smoking and osteoarthritis in US (NHANES 1999-2018). <i>Scientific Reports</i> , 2023, 13, .	1.6	8
381	The Role of Lubricin, Irisin and Exercise in the Prevention and Treatment of Osteoarthritis. <i>International Journal of Molecular Sciences</i> , 2023, 24, 5126.	1.8	4
382	Cathepsin H Knockdown Reverses Radioresistance of Hepatocellular Carcinoma via Metabolic Switch Followed by Apoptosis. <i>International Journal of Molecular Sciences</i> , 2023, 24, 5257.	1.8	1
383	MiR-760 targets HBEGF to control cartilage extracellular matrix degradation in osteoarthritis. <i>Journal of Orthopaedic Surgery and Research</i> , 2023, 18, .	0.9	1
384	Stimulus-Responsive Drug Delivery Nanoplatfoms for Osteoarthritis Therapy. <i>Small</i> , 2023, 19, .	5.2	9
385	The Role of Regulated Programmed Cell Death in Osteoarthritis: From Pathogenesis to Therapy. <i>International Journal of Molecular Sciences</i> , 2023, 24, 5364.	1.8	9
386	Effect of moderate exercise on osteoarthritis. <i>EFORT Open Reviews</i> , 2023, 8, 148-161.	1.8	1
387	The application of machine learning in early diagnosis of osteoarthritis: a narrative review. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2023, 15, 1759720X2311581.	1.2	4
388	Neuroplasticity changes in knee osteoarthritis (KOA) indexed by event-related desynchronization/synchronization during a motor inhibition task. <i>Somatosensory & Motor Research</i> , 0, , 1-10.	0.4	4
389	Do imaging findings modify the effect of non-surgical treatment in patients with knee and hip osteoarthritis? A systematic literature review. <i>BMJ Open</i> , 2023, 13, e065373.	0.8	0

#	ARTICLE	IF	CITATIONS
390	The effect of systemic iron status on osteoarthritis: A mendelian randomization study. <i>Frontiers in Genetics</i> , 0, 14, .	1.1	4
391	Experience, Thoughts, and Attitudes of Orthopaedic Surgeons about Chronic Postsurgical Pain after Arthroplasty. <i>Clinical and Experimental Health Sciences</i> , 0, , .	0.1	0
392	Experience of using Arthro-Patch in the stage II knee osteoarthritis treatment and the need for prior aspiration of arthritic fluid. <i>Perioperaciina Medicina</i> , 2023, 5, 14-18.	0.1	0
393	DNA Supramolecular Hydrogel-Enabled Sustained Delivery of Metformin for Relieving Osteoarthritis. <i>ACS Applied Materials & Interfaces</i> , 2023, 15, 16369-16379.	4.0	8
394	Sarcopenia and hip osteoarthritis: possible role for targeted electrical and biophysical muscle stimulation applications. <i>International Physical Medicine & Rehabilitation Journal</i> , 2023, 8, 80-86.	0.1	0
395	Advances in Research on the Regulatory Roles of lncRNAs in Osteoarthritic Cartilage. <i>Biomolecules</i> , 2023, 13, 580.	1.8	0
396	Laser therapy versus pulsed electromagnetic field therapy as treatment modalities for early knee osteoarthritis: a randomized controlled trial. <i>BMC Geriatrics</i> , 2023, 23, .	1.1	1
397	Association between single nucleotide variants and severe chronic pain in older adult patients after lower extremity arthroplasty. <i>Journal of Orthopaedic Surgery and Research</i> , 2023, 18, .	0.9	1
399	Development and evaluation of nomograms for predicting osteoarthritis progression based on MRI cartilage parameters: data from the FNIH OA biomarkers Consortium. <i>BMC Medical Imaging</i> , 2023, 23, .	1.4	0
400	Should artificial intelligence have lower acceptable error rates than humans?. <i>BJR Open</i> , 2023, 5, .	0.4	1
401	The prevalence of hip osteoarthritis: a systematic review and meta-analysis. <i>Arthritis Research and Therapy</i> , 2023, 25, .	1.6	6
403	Acupuncture for treatment of knee osteoarthritis: A clinical practice guideline. <i>Journal of Evidence-Based Medicine</i> , 2023, 16, 237-245.	0.7	7
404	Exosomes derived from bone marrow mesenchymal stem cells pretreated with decellularized extracellular matrix enhance the alleviation of osteoarthritis through miR-3473b/phosphatase and tensin homolog axis. <i>Journal of Gene Medicine</i> , 2023, 25, .	1.4	6
405	Formononetin improves the inflammatory response and bone destruction in knee joint lesions by regulating the $\text{NF-}\kappa\text{B}$ and MAPK signaling pathways. <i>Phytotherapy Research</i> , 2023, 37, 3363-3379.	2.8	3
406	Prebiotics alleviate cartilage degradation and inflammation in post-traumatic osteoarthritic mice by modulating the gut barrier and fecal metabolomics. <i>Food and Function</i> , 0, , .	2.1	2
407	Unicompartmental knee arthroplasty vs. high tibial osteotomy for medial knee osteoarthritis (UNIKORN): a study protocol of a randomized controlled trial. <i>Trials</i> , 2023, 24, .	0.7	1
408	Maintaining hypoxia environment of subchondral bone alleviates osteoarthritis progression. <i>Science Advances</i> , 2023, 9, .	4.7	27
409	The possibility of <i>Polygonum cuspidatum</i> Against Osteoarthritis Based on Network Pharmacology and Molecular Docking. <i>Current Computer-Aided Drug Design</i> , 2023, 19, .	0.8	0

#	ARTICLE	IF	CITATIONS
410	Long-term pain relief after genicular nerve cooled radiofrequency ablation in chronic knee osteoarthritis – A prospective observational case study. <i>Indian Journal of Pain</i> , 2023, 37, 13.	0.1	0
411	Patients'™ Perceptions and Experiences during the Pre-Admission Phase for Total Hip Replacement Surgery: A Qualitative Phenomenological Study. <i>Journal of Clinical Medicine</i> , 2023, 12, 2754.	1.0	0
412	Deletion of DYRK1A Accelerates Osteoarthritis Progression Through Suppression of EGFR-ERK Signaling. <i>Inflammation</i> , 2023, 46, 1353-1364.	1.7	1
413	The Feasibility and Performance of Total Hip Replacement Prediction Deep Learning Algorithm with Real World Data. <i>Bioengineering</i> , 2023, 10, 458.	1.6	1
414	Insight into the assembly of lipid-hyaluronan complexes in osteoarthritic conditions. <i>Biointerphases</i> , 2023, 18, .	0.6	4
415	NIR-responsive molybdenum (Mo)-based nanoclusters enhance ROS scavenging for osteoarthritis therapy. <i>Pharmacological Research</i> , 2023, 192, 106768.	3.1	4
416	A systematic review, umbrella review, and quality assessment on clinical translation of stem cell therapy for knee osteoarthritis: Are we there yet?. <i>Stem Cell Research and Therapy</i> , 2023, 14, .	2.4	3
417	Innovation in Targeted Intra-articular Therapies for Osteoarthritis. <i>Drugs</i> , 2023, 83, 649-663.	4.9	8
418	SOX9 Inhibits the Progression of Osteonecrosis of the Femoral Head via the Activation of the Wnt/Beta-Catenin Pathway. <i>Journal of Investigative Surgery</i> , 2023, 36, .	0.6	1
419	Monotropein attenuates apoptosis and pyroptosis in chondrocytes and alleviates osteoarthritis progression in mice. <i>Chinese Medicine</i> , 2023, 18, .	1.6	2
420	Global trends in research on extracorporeal shock wave therapy (ESWT) from 2000 to 2021. <i>BMC Musculoskeletal Disorders</i> , 2023, 24, .	0.8	4
421	Anterior meniscus extrusion is associated with anterior tibial osteophyte width in knee osteoarthritis – The Bunkyo Health Study. <i>Osteoarthritis and Cartilage Open</i> , 2023, 5, 100364.	0.9	2
422	IL16 Regulates Osteoarthritis Progression as a Target Gene of Novel-miR-81. <i>Cartilage</i> , 0, , 194760352311683.	1.4	0
428	Arthrose des Kniegelenkes – Konservative Therapie. <i>Springer Reference Medizin</i> , 2023, , 1-13.	0.0	0
452	Bio-responsive and multi-modality imaging nanomedicine for osteoarthritis theranostics. <i>Biomaterials Science</i> , 0, , .	2.6	1
498	Arthrose des Kniegelenkes – Grundlagen, Risikofaktoren, Diagnostik, Prävention, Defektbeurteilung. <i>Springer Reference Medizin</i> , 2023, , 1-12.	0.0	0
564	MMAN: Multi-Task and Multi-Scale Attention Network for Concurrently Lower Limbs Segmentation and Landmark Detection. , 2023, , .		0
568	3D designing and imaging process of the human knee joint: a review. , 2024, , 231-242.		0

#	ARTICLE	IF	CITATIONS
569	Kinematics, kinetics, and forces of the knee joint during walking. , 2024, , 561-578.		0
584	Wearable Knee Cap Microwave Sensor for Osteoarthritis Detection. , 2023, , .		0
654	Osteoarthritic Hip Pain. , 2023, , 164-172.		0
694	The Segmentation of Knee MR Image Using Deep Networks and Pruning Strategy. , 2023, , .		0