

Identification of a central role for complement in osteo

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The Different Roles of Aggrecan Interaction Domains. <i>Journal of Histochemistry and Cytochemistry</i> , 2012, 60, 987-996.	1.3	95
2	Structure, Function and Control of Complement C5 and its Proteolytic Fragments. <i>Current Molecular Medicine</i> , 2012, 12, 1083-1097.	0.6	31
3	Gla-Rich Protein, a New Player in Tissue Calcification?. <i>Advances in Nutrition</i> , 2012, 3, 174-181.	2.9	39
4	Complement-mediated inflammation in OA progression. <i>Nature Reviews Rheumatology</i> , 2012, 8, 2-2.	3.5	7
5	Dendritic Cells of Synovium in Experimental Model of Osteoarthritis of Rabbits. <i>Cellular Physiology and Biochemistry</i> , 2012, 30, 23-32.	1.1	26
6	Antiinflammatory and chondroprotective effects of intraarticular injection of adipose-derived stem cells in experimental osteoarthritis. <i>Arthritis and Rheumatism</i> , 2012, 64, 3604-3613.	6.7	286
7	Anaphylatoxin receptors and complement regulatory proteins in human articular and non-articular chondrocytes: interrelation with cytokines. <i>Cell and Tissue Research</i> , 2012, 350, 465-475.	1.5	18
8	Interactions of the complement system with molecules of extracellular matrix: Relevance for joint diseases. <i>Immunobiology</i> , 2012, 217, 1088-1096.	0.8	45
9	Toward a new autoantibody diagnostic orthodoxy: understanding the bad, good and indifferent. <i>Autoimmunity Highlights</i> , 2012, 3, 51-58.	3.9	32
10	The role of synovitis in osteoarthritis pathogenesis. <i>Bone</i> , 2012, 51, 249-257.	1.4	868
11	Chondrogenesis, chondrocyte differentiation, and articular cartilage metabolism in health and osteoarthritis. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2012, 4, 269-285.	1.2	340
12	Sequential depletion of human serum for the search of osteoarthritis biomarkers. <i>Proteome Science</i> , 2012, 10, 55.	0.7	36
13	Complement in the immunopathogenesis of rheumatic disease. <i>Nature Reviews Rheumatology</i> , 2012, 8, 458-468.	3.5	70
14	The complotype: dictating risk for inflammation and infection. <i>Trends in Immunology</i> , 2012, 33, 513-521.	2.9	132
15	Osteoarthritis year 2012 in review: biomarkers. <i>Osteoarthritis and Cartilage</i> , 2012, 20, 1451-1464.	0.6	97
16	Osteoarthritis year 2012 in review: biology. <i>Osteoarthritis and Cartilage</i> , 2012, 20, 1447-1450.	0.6	57
17	Secretome analysis of chondroitin sulfate-treated chondrocytes reveals anti-angiogenic, anti-inflammatory and anti-catabolic properties. <i>Arthritis Research and Therapy</i> , 2012, 14, R202.	1.6	44
18	Plasma proteins take their toll on the joint in osteoarthritis. <i>Arthritis Research and Therapy</i> , 2012, 14, 111.	1.6	12

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19	Osteoarthritis: A disease of the joint as an organ. <i>Arthritis and Rheumatism</i> , 2012, 64, 1697-1707.	6.7	2,055
20	The growing array of innate inflammatory ignition switches in osteoarthritis. <i>Arthritis and Rheumatism</i> , 2012, 64, 2055-2058.	6.7	35
21	What constitutes an “animal model of osteoarthritis” the need for consensus?. <i>Osteoarthritis and Cartilage</i> , 2012, 20, 261-267.	0.6	129
22	Acute inflammation with induction of anaphylatoxin C5a and terminal complement complex C5b-9 associated with multiple intra-articular injections of hylan G-F 20: a case report. <i>Osteoarthritis and Cartilage</i> , 2012, 20, 791-795.	0.6	16
23	Post-traumatic osteoarthritis: from mouse models to clinical trials. <i>Nature Reviews Rheumatology</i> , 2013, 9, 485-497.	3.5	189
24	The role of complement in trauma and fracture healing. <i>Seminars in Immunology</i> , 2013, 25, 73-78.	2.7	85
25	Bone loss at subchondral plate in knee osteoarthritis patients with hypertension and type 2 diabetes mellitus. <i>Osteoarthritis and Cartilage</i> , 2013, 21, 1716-1723.	0.6	51
26	Cartilage as a target of autoimmunity: A thin layer. <i>Autoimmunity Reviews</i> , 2013, 12, 591-598.	2.5	37
27	Homeostatic Mechanisms in Articular Cartilage and Role of Inflammation in Osteoarthritis. <i>Current Rheumatology Reports</i> , 2013, 15, 375.	2.1	259
28	Tumor interstitial fluid “A treasure trove of cancer biomarkers. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 2259-2270.	1.1	64
29	Complement in Immune and Inflammatory Disorders: Therapeutic Interventions. <i>Journal of Immunology</i> , 2013, 190, 3839-3847.	0.4	209
30	iTRAQ-based proteomics reveals novel biomarkers of osteoarthritis. <i>Biomarkers</i> , 2013, 18, 565-572.	0.9	30
31	Role of inflammation in the pathogenesis of osteoarthritis: latest findings and interpretations. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2013, 5, 77-94.	1.2	768
32	Gene expression profiling of articular cartilage reveals functional pathways and networks of candidate genes for osteochondrosis in pigs. <i>Physiological Genomics</i> , 2013, 45, 856-865.	1.0	9
33	Does complement play a role in bone development and regeneration?. <i>Immunobiology</i> , 2013, 218, 1-9.	0.8	45
34	Zone-specific gene expression patterns in articular cartilage. <i>Arthritis and Rheumatism</i> , 2013, 65, 418-428.	6.7	68
35	Inhibition of complement component C5 protects porcine chondrocytes from xenogeneic rejection. <i>Osteoarthritis and Cartilage</i> , 2013, 21, 1958-1967.	0.6	12
36	Identification of differential pattern of protein expression in canine osteoarthritis serum after anterior cruciate ligament transection: A proteomic analysis. <i>Veterinary Journal</i> , 2013, 197, 848-853.	0.6	9

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37	Pain, motor and gait assessment of murine osteoarthritis in a cruciate ligament transection model. <i>Osteoarthritis and Cartilage</i> , 2013, 21, 1355-1364.	0.6	71
38	New findings in osteoarthritis pathogenesis: therapeutic implications. <i>Therapeutic Advances in Chronic Disease</i> , 2013, 4, 23-43.	1.1	71
39	Osteoarthritis as an inflammatory disease (osteoarthritis is not osteoarthrosis!). <i>Osteoarthritis and Cartilage</i> , 2013, 21, 16-21.	0.6	1,197
40	Proteomic Analysis of Synovial Fluid From the Osteoarthritic Knee: Comparison With Transcriptome Analyses of Joint Tissues. <i>Arthritis and Rheumatism</i> , 2013, 65, 981-992.	6.7	126
41	Expression of proteins in serum, synovial fluid, synovial membrane, and articular cartilage samples obtained from dogs with stifle joint osteoarthritis secondary to cranial cruciate ligament disease and dogs without stifle joint arthritis. <i>American Journal of Veterinary Research</i> , 2013, 74, 386-394.	0.3	19
42	Immunology of age-related macular degeneration. <i>Nature Reviews Immunology</i> , 2013, 13, 438-451.	10.6	515
43	Inhibition of TGF- β 2 signaling in mesenchymal stem cells of subchondral bone attenuates osteoarthritis. <i>Nature Medicine</i> , 2013, 19, 704-712.	15.2	780
44	Synovium and the Innate Inflammatory Network in Osteoarthritis Progression. <i>Current Rheumatology Reports</i> , 2013, 15, 323.	2.1	136
45	Immunopathogenesis of osteoarthritis. <i>Clinical Immunology</i> , 2013, 146, 185-196.	1.4	317
48	NFATc1 and NFATc2 repress spontaneous osteoarthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 19914-19919.	3.3	62
49	Value of biomarkers in osteoarthritis: current status and perspectives. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 1756-1763.	0.5	241
50	Prognostic biomarkers in osteoarthritis. <i>Current Opinion in Rheumatology</i> , 2013, 25, 136-144.	2.0	126
51	Proteomic profiling and functional characterization of early and late shoulder osteoarthritis. <i>Arthritis Research and Therapy</i> , 2013, 15, R180.	1.6	32
52	Disease Progression and Phasic Changes in Gene Expression in a Mouse Model of Osteoarthritis. <i>PLoS ONE</i> , 2013, 8, e54633.	1.1	103
53	The C-Type Lectin of the Aggrecan G3 Domain Activates Complement. <i>PLoS ONE</i> , 2013, 8, e61407.	1.1	24
54	Factors and Mechanisms Involved in the Coupling from Bone Resorption to Formation: How Osteoclasts Talk to Osteoblasts. <i>Journal of Bone Metabolism</i> , 2014, 21, 163.	0.5	68
55	The Pathobiology of Osteoarthritis. , 2014, , 1920-1934.		0
56	Mass spectrometry assays of plasma biomarkers to predict radiographic progression of knee osteoarthritis. <i>Arthritis Research and Therapy</i> , 2014, 16, 456.	1.6	42

#	ARTICLE	IF	CITATIONS
57	MicroRNA-21 controls the development of osteoarthritis by targeting GDF-5 in chondrocytes. <i>Experimental and Molecular Medicine</i> , 2014, 46, e79-e79.	3.2	99
58	Protein-protein interaction network analysis of osteoarthritis-related differentially expressed genes. <i>Genetics and Molecular Research</i> , 2014, 13, 9343-9351.	0.3	4
59	Macrophage Matrix Metalloproteinase-12 Dampens Inflammation and Neutrophil Influx in Arthritis. <i>Cell Reports</i> , 2014, 9, 618-632.	2.9	93
60	Future directions for the management of pain in osteoarthritis. <i>International Journal of Clinical Rheumatology</i> , 2014, 9, 197-216.	0.3	33
61	Republished: Value of biomarkers in osteoarthritis: current status and perspectives. <i>Postgraduate Medical Journal</i> , 2014, 90, 171-178.	0.9	52
62	Characterization of the Cartilage DNA Methylome in Knee and Hip Osteoarthritis. <i>Arthritis and Rheumatology</i> , 2014, 66, 2450-2460.	2.9	146
63	Brief Report: Carboxypeptidase B Serves as a Protective Mediator in Osteoarthritis. <i>Arthritis and Rheumatology</i> , 2014, 66, 101-106.	2.9	31
64	Differential proteomic analysis of synovial fluid from rheumatoid arthritis and osteoarthritis patients. <i>Clinical Proteomics</i> , 2014, 11, 1.	1.1	113
65	Targeting TGF β 2 signaling in subchondral bone and articular cartilage homeostasis. <i>Trends in Pharmacological Sciences</i> , 2014, 35, 227-236.	4.0	168
66	Cameos. , 2014, , 1127-1140.		0
67	Oral and topical boswellic acid attenuates mouse osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2014, 22, 128-132.	0.6	33
68	Fine Tuning of Proteomic Technologies to Improve Biological Findings: Advancements in 2011â€“2013. <i>Analytical Chemistry</i> , 2014, 86, 176-195.	3.2	18
69	Heat-shock proteins in stromal joint tissues: innocent bystanders or disease-initiating proteins?. <i>Rheumatology</i> , 2014, 53, 223-232.	0.9	9
70	Importance of synovitis in osteoarthritis: Evidence for the use of glycosaminoglycans against synovial inflammation. <i>Seminars in Arthritis and Rheumatism</i> , 2014, 43, 579-587.	1.6	33
71	Secretion of inflammatory factors from chondrocytes by layilin signaling. <i>Biochemical and Biophysical Research Communications</i> , 2014, 452, 85-90.	1.0	15
72	A high-throughput model of post-traumatic osteoarthritis using engineered cartilage tissue analogs. <i>Osteoarthritis and Cartilage</i> , 2014, 22, 1282-1290.	0.6	22
73	Inhibition of the Membrane Attack Complex of the Complement System Reduces Secondary Neuroaxonal Loss and Promotes Neurologic Recovery after Traumatic Brain Injury in Mice. <i>Journal of Immunology</i> , 2014, 192, 2339-2348.	0.4	114
74	The biology of Lubricin: Near frictionless joint motion. <i>Matrix Biology</i> , 2014, 39, 17-24.	1.5	237

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75	Mouse models of osteoarthritis: modelling risk factors and assessing outcomes. <i>Nature Reviews Rheumatology</i> , 2014, 10, 413-421.	3.5	154
76	MALDI-TOF-MS serum protein profiling for developing diagnostic models and identifying serum markers for discogenic low back pain. <i>BMC Musculoskeletal Disorders</i> , 2014, 15, 193.	0.8	9
77	Proteomic analysis of human osteoarthritis synovial fluid. <i>Clinical Proteomics</i> , 2014, 11, 6.	1.1	122
78	Metabolic enrichment of omega-3 polyunsaturated fatty acids does not reduce the onset of idiopathic knee osteoarthritis in mice. <i>Osteoarthritis and Cartilage</i> , 2014, 22, 1301-1309.	0.6	32
79	Preventive effects of hyaluronan from deterioration of gait parameters in surgically induced mice osteoarthritic knee model. <i>Osteoarthritis and Cartilage</i> , 2014, 22, 831-835.	0.6	35
80	A gene expression study of normal and damaged cartilage in anteromedial gonarthrosis, a phenotype of osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2014, 22, 334-343.	0.6	63
81	Importance of subchondral bone in the pathogenesis and management of osteoarthritis from bench to bed. <i>Journal of Orthopaedic Translation</i> , 2014, 2, 16-25.	1.9	27
82	Pathogenesis of post-traumatic OA with a view to intervention. <i>Best Practice and Research in Clinical Rheumatology</i> , 2014, 28, 17-30.	1.4	61
83	Changes of synovial fluid protein concentrations in supra-patellar bursitis patients after the injection of different molecular weights of hyaluronic acid. <i>Experimental Gerontology</i> , 2014, 52, 30-35.	1.2	17
84	Optical imaging of articular cartilage degeneration using near-infrared dipicolylamine probes. <i>Biomaterials</i> , 2014, 35, 7511-7521.	5.7	33
85	A computational method to differentiate normal individuals, osteoarthritis and rheumatoid arthritis patients using serum biomarkers. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20140428.	1.5	35
86	Treatment efficacy of adipose-derived stem cells in experimental osteoarthritis is driven by high synovial activation and reflected by S100A8/A9 serum levels. <i>Osteoarthritis and Cartilage</i> , 2014, 22, 1158-1166.	0.6	72
87	Establishment of a Surgically-induced Model in Mice to Investigate the Protective Role of Progranulin in Osteoarthritis. <i>Journal of Visualized Experiments</i> , 2014, , e50924.	0.2	26
88	Comparative study of serum proteomes in Legg-Calve-Perthes disease. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 281.	0.8	18
89	Complement activation and expression during chronic relapsing experimental autoimmune encephalomyelitis in the Biozzi ABH mouse. <i>Clinical and Experimental Immunology</i> , 2015, 180, 432-441.	1.1	8
90	The role of inflammation-related genes in osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 1933-1938.	0.6	40
91	Soluble biglycan: a potential mediator of cartilage degradation in osteoarthritis. <i>Arthritis Research and Therapy</i> , 2015, 17, 379.	1.6	52
92	Exploring the cellular basis of human disease through a large-scale mapping of deleterious genes to cell types. <i>Genome Medicine</i> , 2015, 7, 95.	3.6	13

#	ARTICLE	IF	CITATIONS
93	ASSOCIATIONS BETWEEN AGE-RELATED MACULAR DEGENERATION, OSTEOARTHRITIS AND RHEUMATOID ARTHRITIS. <i>Retina</i> , 2015, 35, 2613-2618.	1.0	20
94	Reduction in Disease Progression by Inhibition of Transforming Growth Factor β -CCL2 Signaling in Experimental Posttraumatic Osteoarthritis. <i>Arthritis and Rheumatology</i> , 2015, 67, 2691-2701.	2.9	61
95	Chondrocyte Apoptosis in the Pathogenesis of Osteoarthritis. <i>International Journal of Molecular Sciences</i> , 2015, 16, 26035-26054.	1.8	587
96	Renoprotective Mechanism of Remote Ischemic Preconditioning Based on Transcriptomic Analysis in a Porcine Renal Ischemia Reperfusion Injury Model. <i>PLoS ONE</i> , 2015, 10, e0141099.	1.1	6
97	How might contact with nature promote human health? Promising mechanisms and a possible central pathway. <i>Frontiers in Psychology</i> , 2015, 6, 1093.	1.1	441
98	Fc γ and Complement Receptors and Complement Proteins in Neutrophil Activation in Rheumatoid Arthritis: Contribution to Pathogenesis and Progression and Modulation by Natural Products. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-22.	0.5	17
99	Plasma levels of interleukin-1 receptor antagonist (IL1Ra) predict radiographic progression of symptomatic knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 1915-1924.	0.6	67
100	Role of Complement on Broken Surfaces After Trauma. <i>Advances in Experimental Medicine and Biology</i> , 2015, 865, 43-55.	0.8	28
101	Biomarkers of (osteo)arthritis. <i>Biomarkers</i> , 2015, 20, 513-518.	0.9	56
102	Integrative meta-analysis of differentially expressed genes in osteoarthritis using microarray technology. <i>Molecular Medicine Reports</i> , 2015, 12, 3439-3445.	1.1	19
103	The Role of Innate Immunity in Osteoarthritis: When Our First Line of Defense Goes On the Offensive. <i>Journal of Rheumatology</i> , 2015, 42, 363-371.	1.0	207
104	Targets, models and challenges in osteoarthritis research. <i>DMM Disease Models and Mechanisms</i> , 2015, 8, 17-30.	1.2	191
105	Immune Modulation to Improve Tissue Engineering Outcomes for Cartilage Repair in the Osteoarthritic Joint. <i>Tissue Engineering - Part B: Reviews</i> , 2015, 21, 55-66.	2.5	50
106	IL β and IL δ are scavenged by the hexadecylamide derivative of hyaluronic acid: A new mechanism. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 2823-2829.	2.1	11
107	Osteoarthritis. <i>Lancet, The</i> , 2015, 386, 376-387.	6.3	1,877
108	Recognition of Immune Response for the Early Diagnosis and Treatment of Osteoarthritis. <i>Journal of Immunology Research</i> , 2015, 2015, 1-13.	0.9	311
109	Potential Mechanisms of PTOA: Inflammation. , 2015, , 201-209.		1
110	Matrix cross-linking-mediated mechanotransduction promotes posttraumatic osteoarthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 9424-9429.	3.3	82

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111	Cartilage damage in osteoarthritis and rheumatoid arthritis—two unequal siblings. <i>Nature Reviews Rheumatology</i> , 2015, 11, 606-615.	3.5	236
113	Post-Traumatic Arthritis. , 2015, , .		6
114	Novel Insights into Osteoarthritis Joint Pathology from Studies in Mice. <i>Current Rheumatology Reports</i> , 2015, 17, 50.	2.1	27
115	The emerging role of endothelin-1 in the pathogenesis of subchondral bone disturbance and osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 516-524.	0.6	37
116	Markers of atherosclerosis in relation to presence and progression of knee osteoarthritis: a population-based cohort study. <i>Rheumatology</i> , 2015, 54, 1692-1698.	0.9	29
118	Emerging targets in osteoarthritis therapy. <i>Current Opinion in Pharmacology</i> , 2015, 22, 51-63.	1.7	142
119	Inflammation in joint injury and post-traumatic osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 1825-1834.	0.6	328
120	Complement, a target for therapy in inflammatory and degenerative diseases. <i>Nature Reviews Drug Discovery</i> , 2015, 14, 857-877.	21.5	357
121	An inflammatory equine model demonstrates dynamic changes of immune response and cartilage matrix molecule degradation in vitro. <i>Connective Tissue Research</i> , 2015, 56, 315-325.	1.1	23
122	Inflammatory biomarkers in osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 1890-1896.	0.6	122
123	Effects of dendritic polyglycerol sulfate on articular chondrocytes. <i>Inflammation Research</i> , 2015, 64, 917-928.	1.6	17
124	Differential Interactive Effects of Cartilage Traumatization and Blood Exposure In Vitro and In Vivo. <i>American Journal of Sports Medicine</i> , 2015, 43, 2822-2832.	1.9	10
125	Review on complement analysis method and the roles of glycosaminoglycans in the complement system. <i>Carbohydrate Polymers</i> , 2015, 134, 590-597.	5.1	12
127	Metabolic triggered inflammation in osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 22-30.	0.6	205
128	Sustained efficacy of a single intra-articular dose of FX006 in a rat model of repeated localized knee arthritis. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 151-160.	0.6	53
129	Unicompartmental and bicompartamental knee osteoarthritis show different patterns of mononuclear cell infiltration and cytokine release in the affected joints. <i>Clinical and Experimental Immunology</i> , 2015, 180, 143-154.	1.1	61
130	A Systems View of Risk Factors for Knee Osteoarthritis Reveals Insights into the Pathogenesis of the Disease. <i>Annals of Biomedical Engineering</i> , 2015, 43, 376-387.	1.3	106
131	Genome-wide pathway-based association study implicates complement system in the development of Kashin-Beck disease in Han Chinese. <i>Bone</i> , 2015, 71, 36-41.	1.4	12

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132	Emerging regulators of the inflammatory process in osteoarthritis. <i>Nature Reviews Rheumatology</i> , 2015, 11, 35-44.	3.5	475
133	Effects of hyaluronic acid (HA) viscosupplementation on peripheral Th cells in knee and hip osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 88-93.	0.6	23
134	Preparation of Low Molecular Weight Chondroitin Sulfates, Screening of a High Anti-Complement Capacity of Low Molecular Weight Chondroitin Sulfate and Its Biological Activity Studies in Attenuating Osteoarthritis. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1685.	1.8	33
135	Relationship between atherosclerosis and knee osteoarthritis as graded by radiography and ultrasonography in females. <i>Journal of Physical Therapy Science</i> , 2016, 28, 2991-2998.	0.2	5
136	Osteoarthritis and the Immune System. , 2016, , 257-269.		1
137	Immune Mediators in Osteoarthritis: Infrapatellar Fat Pad-Infiltrating CD8+ T Cells Are Increased in Osteoarthritic Patients with Higher Clinical Radiographic Grading. <i>International Journal of Rheumatology</i> , 2016, 2016, 1-8.	0.9	26
138	Cell Death in Chondrocytes, Osteoblasts, and Osteocytes. <i>International Journal of Molecular Sciences</i> , 2016, 17, 2045.	1.8	126
139	Macroscopical, Histological, and In Vitro Characterization of Nonosteoarthritic Versus Osteoarthritic Hip Joint Cartilage. <i>Clinical Medicine Insights: Arthritis and Musculoskeletal Disorders</i> , 2016, 9, CMAMD.S29844.	0.3	4
140	The Role of miRNAs in Common Inflammatory Arthropathies: Osteoarthritis and Gouty Arthritis. <i>Biomolecules</i> , 2016, 6, 44.	1.8	21
141	Sex-Specific Protection of Osteoarthritis by Deleting Cartilage Acid Protein 1. <i>PLoS ONE</i> , 2016, 11, e0159157.	1.1	17
142	Big Data. <i>Anesthesia and Analgesia</i> , 2016, 122, 1744-1747.	1.1	5
143	Complement Membrane Attack and Tumorigenesis. <i>Journal of Biological Chemistry</i> , 2016, 291, 14927-14938.	1.6	24
144	The complement system is activated in synovial fluid from subjects with knee injury and from patients with osteoarthritis. <i>Arthritis Research and Therapy</i> , 2016, 18, 223.	1.6	69
146	Unique gene expression profile in osteoarthritis synovium compared with cartilage: analysis of publicly accessible microarray datasets. <i>Rheumatology International</i> , 2016, 36, 819-827.	1.5	11
147	Chondroitin sulphate: a focus on osteoarthritis. <i>Glycoconjugate Journal</i> , 2016, 33, 693-705.	1.4	132
148	Exercise-driven metabolic pathways in healthy cartilage. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 1210-1222.	0.6	27
149	Cartilage tissue engineering: From biomaterials and stem cells to osteoarthritis treatments. <i>Annals of Physical and Rehabilitation Medicine</i> , 2016, 59, 139-144.	1.1	188
150	Novel therapeutic targets in osteoarthritis: Narrative review on knock-out genes involved in disease development in mouse animal models. <i>Cytotherapy</i> , 2016, 18, 593-612.	0.3	16

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151	The Complement System Component C5a Produces Thermal Hyperalgesia via Macrophage-to-Nociceptor Signaling That Requires NGF and TRPV1. <i>Journal of Neuroscience</i> , 2016, 36, 5055-5070.	1.7	64
152	Risks of acute coronary syndrome in patients with osteoarthritis: a nationwide population-based cohort study. <i>Clinical Rheumatology</i> , 2016, 35, 2807-2813.	1.0	24
153	The TMSB4 Pseudogene LncRNA Functions as a Competing Endogenous RNA to Promote Cartilage Degradation in Human Osteoarthritis. <i>Molecular Therapy</i> , 2016, 24, 1726-1733.	3.7	61
154	Candidate gene analysis of osteochondrosis in Spanish purebred horses. <i>Animal Genetics</i> , 2016, 47, 570-578.	0.6	10
155	An update on the pathophysiology of osteoarthritis. <i>Annals of Physical and Rehabilitation Medicine</i> , 2016, 59, 333-339.	1.1	247
156	Low-grade inflammation as a key mediator of the pathogenesis of osteoarthritis. <i>Nature Reviews Rheumatology</i> , 2016, 12, 580-592.	3.5	917
157	Quantitative Mass Spectrometry To Study Inflammatory Cartilage Degradation and Resulting Interactions with the Complement System. <i>Journal of Immunology</i> , 2016, 197, 3415-3424.	0.4	13
158	Osteoarthritis: from pathogenic mechanisms and recent clinical developments to novel prospective therapeutic options. <i>Drug Discovery Today</i> , 2016, 21, 1932-1937.	3.2	74
159	Field synopsis and meta-analyses of genetic epidemiological evidence for Kashin-Beck disease, an endemic osteoarthropathy in China. <i>Molecular Genetics and Genomics</i> , 2016, 291, 1823-1833.	1.0	8
160	Effects of mechanical stress on chondrocyte phenotype and chondrocyte extracellular matrix expression. <i>Scientific Reports</i> , 2016, 6, 37268.	1.6	42
161	Osteoarthritis. <i>Nature Reviews Disease Primers</i> , 2016, 2, 16072.	18.1	1,011
162	MicroRNA-9 regulates the development of knee osteoarthritis through the NF-kappaB1 pathway in chondrocytes. <i>Medicine (United States)</i> , 2016, 95, e4315.	0.4	62
163	Recent advances in the understanding of molecular mechanisms of cartilage degeneration, synovitis and subchondral bone changes in osteoarthritis. <i>Connective Tissue Research</i> , 2016, 57, 245-261.	1.1	62
164	Exercise Medicine for Osteoarthritis: Research Strategies to Maximize Effectiveness. <i>Arthritis Care and Research</i> , 2016, 68, 288-291.	1.5	9
165	Inflammatory mediators in osteoarthritis: A critical review of the state-of-the-art, current prospects, and future challenges. <i>Bone</i> , 2016, 85, 81-90.	1.4	279
166	Human articular chondrocytes with higher aldehyde dehydrogenase activity have stronger expression of COL2A1 and SOX9. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 873-882.	0.6	27
167	Does lipopolysaccharide-mediated inflammation have a role in OA?. <i>Nature Reviews Rheumatology</i> , 2016, 12, 123-129.	3.5	170
168	Regeneration of hyaline-like cartilage and subchondral bone simultaneously by poly(L-glutamic acid) based osteochondral scaffolds with induced autologous adipose derived stem cells. <i>Journal of Materials Chemistry B</i> , 2016, 4, 2628-2645.	2.9	37

#	ARTICLE	IF	CITATIONS
169	Genetic determinism of bone and mineral metabolism in meat-type chickens: A QTL mapping study. <i>Bone Reports</i> , 2016, 5, 43-50.	0.2	13
170	MiR-502-5p inhibits IL-1 β -induced chondrocyte injury by targeting TRAF2. <i>Cellular Immunology</i> , 2016, 302, 50-57.	1.4	55
171	A new strategy to tackle severe knee osteoarthritis: Combination of intra-articular and intraosseous injections of Platelet Rich Plasma. <i>Expert Opinion on Biological Therapy</i> , 2016, 16, 627-643.	1.4	63
172	Anti-complement activity of the Ixodes scapularis salivary protein Salp20. <i>Molecular Immunology</i> , 2016, 69, 62-69.	1.0	38
173	Deletion of the membrane complement inhibitor CD59a drives age and gender-dependent alterations to bone phenotype in mice. <i>Bone</i> , 2016, 84, 253-261.	1.4	18
174	Hyaluronic acid alkyl derivative: A novel inhibitor of metalloproteases and hyaluronidases. <i>International Journal of Biological Macromolecules</i> , 2016, 84, 221-226.	3.6	14
175	Osteoarthritis: toward a comprehensive understanding of pathological mechanism. <i>Bone Research</i> , 2017, 5, 16044.	5.4	731
176	Evaluation of serum cytokines in cats with and without degenerative joint disease and associated pain. <i>Veterinary Immunology and Immunopathology</i> , 2017, 183, 49-59.	0.5	10
177	Profibrotic Infrapatellar Fat Pad Remodeling Without M1 Macrophage Polarization Precedes Knee Osteoarthritis in Mice With Diet-Induced Obesity. <i>Arthritis and Rheumatology</i> , 2017, 69, 1221-1232.	2.9	67
178	Osteoarthritis Year in Review 2016: biomarkers (biochemical markers). <i>Osteoarthritis and Cartilage</i> , 2017, 25, 199-208.	0.6	124
179	Heart Involvement in Osteoarthritis. <i>Handbook of Systemic Autoimmune Diseases</i> , 2017, , 461-488.	0.1	0
180	CCL2/CCR2, but not CCL5/CCR5, mediates monocyte recruitment, inflammation and cartilage destruction in osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2017, 76, 914-922.	0.5	277
181	The influence of platelet rich plasma on synovial fluid volumes, protein concentrations, and severity of pain in patients with knee osteoarthritis. <i>Experimental Gerontology</i> , 2017, 93, 68-72.	1.2	30
182	The role of metabolism in the pathogenesis of osteoarthritis. <i>Nature Reviews Rheumatology</i> , 2017, 13, 302-311.	3.5	438
183	Increased risk of stroke in patients with osteoarthritis: a population-based cohort study. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 1026-1031.	0.6	40
184	Induction of proliferation and pro-inflammatory cytokine production in rheumatoid arthritis peripheral blood mononuclear cells by a 65 kDa chondrocyte membrane-specific, constitutive target autoantigen (scp>CH</scp>65). <i>International Journal of Rheumatic Diseases</i> , 2017, 20, 1132-1141.	0.9	1
185	Immune Contributions to Osteoarthritis. <i>Current Osteoporosis Reports</i> , 2017, 15, 593-600.	1.5	81
186	Long Noncoding RNA CIR Promotes Chondrocyte Extracellular Matrix Degradation in Osteoarthritis by Acting as a Sponge For Mir-27b. <i>Cellular Physiology and Biochemistry</i> , 2017, 43, 602-610.	1.1	73

#	ARTICLE	IF	CITATIONS
187	Transcriptional profiling of articular cartilage in a porcine model of early post-traumatic osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2018, 36, 318-329.	1.2	29
188	Reduced bone loss in a murine model of postmenopausal osteoporosis lacking complement component 3. <i>Journal of Orthopaedic Research</i> , 2018, 36, 118-128.	1.2	18
189	The complement system as a potential therapeutic target in rheumatic disease. <i>Nature Reviews Rheumatology</i> , 2017, 13, 538-547.	3.5	147
190	Novel mechanisms and functions of complement. <i>Nature Immunology</i> , 2017, 18, 1288-1298.	7.0	364
191	Discovery of circulating proteins associated to knee radiographic osteoarthritis. <i>Scientific Reports</i> , 2017, 7, 137.	1.6	29
192	Transglutaminase 2 in cartilage homeostasis: novel links with inflammatory osteoarthritis. <i>Amino Acids</i> , 2017, 49, 625-633.	1.2	8
193	Multiplexed mass spectrometry monitoring of biomarker candidates for osteoarthritis. <i>Journal of Proteomics</i> , 2017, 152, 216-225.	1.2	27
194	Proteomic analysis of synovial fluid in osteoarthritis using SWATH mass spectrometry. <i>Molecular Medicine Reports</i> , 2017, 17, 2827-2836.	1.1	23
195	Complement System. , 2017, , 355-365.		0
196	Exploring the Link between Uric Acid and Osteoarthritis. <i>Frontiers in Medicine</i> , 2017, 4, 225.	1.2	29
197	Cartilage and Chondrocytes. , 2017, , 34-59.e3.		4
198	Biomaterial-assisted cell therapy in osteoarthritis: From mesenchymal stem cells to cell encapsulation. <i>Best Practice and Research in Clinical Rheumatology</i> , 2017, 31, 730-745.	1.4	34
199	Synovial inflammation plays a greater role in post-traumatic osteoarthritis compared to idiopathic osteoarthritis in the Hartley guinea pig knee. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 556.	0.8	15
200	Biology of the Normal Joint. , 2017, , 1-19.e4.		5
201	Identification of potential target genes associated with the pathogenesis of osteoarthritis using microarray based analysis. <i>Molecular Medicine Reports</i> , 2017, 16, 2799-2806.	1.1	8
202	Biologic Markers in Clinical Trials and Clinical Care. , 2017, , 509-519.		0
203	Role of Smad3 and S1P Signaling in Mandibular Condylar Cartilage Homeostasis. <i>Journal of Bone Research</i> , 2017, 05, .	0.0	1
204	Identification of key mRNAs and microRNAs in the pathogenesis and progression of osteoarthritis using microarray analysis. <i>Molecular Medicine Reports</i> , 2017, 16, 5659-5666.	1.1	6

#	ARTICLE	IF	CITATIONS
205	A hyperactivating proinflammatory RIPK2 allele associated with early-onset osteoarthritis. <i>Human Molecular Genetics</i> , 2018, 27, 2383-2391.	1.4	23
206	The role of leptin in osteoarthritis. <i>Medicine (United States)</i> , 2018, 97, e0257.	0.4	42
207	In vivo effect of opticin deficiency in cartilage in a surgically induced mouse model of osteoarthritis. <i>Scientific Reports</i> , 2018, 8, 457.	1.6	8
208	Complement involvement in bone homeostasis and bone disorders. <i>Seminars in Immunology</i> , 2018, 37, 53-65.	2.7	69
209	Glucagon-like peptide-1 receptor regulates endoplasmic reticulum stress-induced apoptosis and the associated inflammatory response in chondrocytes and the progression of osteoarthritis in rat. <i>Cell Death and Disease</i> , 2018, 9, 212.	2.7	56
210	Osteoarthritis and the Complement Cascade. <i>Clinical Medicine Insights: Arthritis and Musculoskeletal Disorders</i> , 2018, 11, 117954411775143.	0.3	57
211	Pre-administration of rats with <i>Helicobacter pylori</i> \hat{I}^3 -glutamyl-transpeptidase alleviates osteoarthritis. <i>Biotechnology Letters</i> , 2018, 40, 521-526.	1.1	0
212	Microarray analysis after adipose derived mesenchymal stem cells injection in monosodium iodoacetate-induced osteoarthritis rats. <i>Genes and Genomics</i> , 2018, 40, 25-37.	0.5	2
213	Knockdown of PRMT1 suppresses IL-1 \hat{I}^2 -induced cartilage degradation and inflammatory responses in human chondrocytes through Gli1-mediated Hedgehog signaling pathway. <i>Molecular and Cellular Biochemistry</i> , 2018, 438, 17-24.	1.4	15
214	Osteoarthritis biomarkers: year in review. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 312-318.	0.6	58
215	Panax quinquefolium saponin inhibits endoplasmic reticulum stress-induced apoptosis and the associated inflammatory response in chondrocytes and attenuates the progression of osteoarthritis in rat. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 886-894.	2.5	16
216	Divergent roles of immune cells and their mediators in pain. <i>Rheumatology</i> , 2018, 57, 429-440.	0.9	94
217	Osteoarthritis: Potential for Herbal Medicines as Therapies in the Management of Chronic Inflammatory Damage. <i>Current Immunology Reviews</i> , 2018, 14, 68-80.	1.2	3
218	MicroRNA \hat{I}^93 inhibits chondrocyte apoptosis and inflammation in osteoarthritis by targeting the TLR4/NF \hat{I}^B signaling pathway. <i>International Journal of Molecular Medicine</i> , 2019, 43, 779-790.	1.8	96
219	Absence of complement factor H alters bone architecture and dynamics. <i>Immunobiology</i> , 2018, 223, 761-771.	0.8	5
220	C5a aggravates dysfunction of the articular cartilage and synovial fluid in rats with knee joint immobilization. <i>Molecular Medicine Reports</i> , 2018, 18, 2110-2116.	1.1	6
221	Arthritis and Joint Replacement. , 2018, , 81-109.		0
222	Emerging Players at the Intersection of Chondrocyte Loss of Maturational Arrest, Oxidative Stress, Senescence and Low-Grade Inflammation in Osteoarthritis. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-17.	1.9	70

#	ARTICLE	IF	CITATIONS
223	High in vivo levels of adipisin lead to increased knee tissue degradation in osteoarthritis: data from humans and animal models. <i>Rheumatology</i> , 2018, 57, 1851-1860.	0.9	17
224	Global transcriptome analysis to identify critical genes involved in the pathology of osteoarthritis. <i>Bone and Joint Research</i> , 2018, 7, 298-307.	1.3	25
225	High-Mobility Group Box 1-Induced Complement Activation Causes Sterile Inflammation. <i>Frontiers in Immunology</i> , 2018, 9, 705.	2.2	51
226	Identification of antibodies against extracellular matrix proteins in human osteoarthritis. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 1273-1277.	1.0	13
227	Synovial macrophage M1 polarisation exacerbates experimental osteoarthritis partially through R-spondin-2. <i>Annals of the Rheumatic Diseases</i> , 2018, 77, 1524-1534.	0.5	257
228	Two independent proteomic approaches provide a comprehensive analysis of the synovial fluid proteome response to Autologous Chondrocyte Implantation. <i>Arthritis Research and Therapy</i> , 2018, 20, 87.	1.6	7
229	Specific markers and properties of synovial mesenchymal stem cells in the surface, stromal, and perivascular regions. <i>Stem Cell Research and Therapy</i> , 2018, 9, 123.	2.4	43
230	Systemic inhibition of the membrane attack complex impedes neuroinflammation in chronic relapsing experimental autoimmune encephalomyelitis. <i>Acta Neuropathologica Communications</i> , 2018, 6, 36.	2.4	39
231	Microarray study of gene expression profile to identify new candidate genes involved in the molecular mechanism of leptin-induced knee joint osteoarthritis in rat. <i>Hereditas</i> , 2018, 155, 4.	0.5	12
232	Amino Acid Profile of Synovial Fluid Following Intra-articular Ankle Fracture. <i>Foot and Ankle International</i> , 2018, 39, 1169-1177.	1.1	5
233	Clinical promise of next-generation complement therapeutics. <i>Nature Reviews Drug Discovery</i> , 2019, 18, 707-729.	21.5	253
234	Computational deconvolution of synovial tissue cellular composition: presence of adipocytes in synovial tissue decreased during arthritis pathogenesis and progression. <i>Physiological Genomics</i> , 2019, 51, 241-253.	1.0	8
235	The membrane complement regulatory protein CD59 and its association with rheumatoid arthritis and systemic lupus erythematosus. <i>Current Medicine Research and Practice</i> , 2019, 9, 182-188.	0.1	4
236	Tankyrase inhibition preserves osteoarthritic cartilage by coordinating cartilage matrix anabolism via effects on SOX9 PARylation. <i>Nature Communications</i> , 2019, 10, 4898.	5.8	29
237	Intraarticular Ligament Degeneration Is Interrelated with Cartilage and Bone Destruction in Osteoarthritis. <i>Cells</i> , 2019, 8, 990.	1.8	53
238	Synovial Cytokines Significantly Correlate with Osteoarthritis-Related Knee Pain and Disability: Inflammatory Mediators of Potential Clinical Relevance. <i>Journal of Clinical Medicine</i> , 2019, 8, 1343.	1.0	84
239	Editorial Commentary: Could Biological Treatments Be the Game-Changing Factor for Osteoarthritis?. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2019, 35, 2434-2435.	1.3	2
240	Osteoarthritis as a Chronic Inflammatory Disease: A Review of the Inflammatory Markers. , 0, , .		5

#	ARTICLE	IF	CITATIONS
241	Injecting autologous platelet rich plasma solely into the knee joint is not adequate in treating geriatric patients with moderate to severe knee osteoarthritis. <i>Experimental Gerontology</i> , 2019, 119, 1-6.	1.2	12
242	Development of a peptide-siRNA nanocomplex targeting NF- κ B for efficient cartilage delivery. <i>Scientific Reports</i> , 2019, 9, 442.	1.6	22
243	Systems biology reveals how altered TGF β 2 signalling with age reduces protection against pro-inflammatory stimuli. <i>PLoS Computational Biology</i> , 2019, 15, e1006685.	1.5	12
244	Subchondral bone remodelling in osteoarthritis. <i>EFORT Open Reviews</i> , 2019, 4, 221-229.	1.8	89
245	Mannan-Binding Lectin Attenuates Inflammatory Arthritis Through the Suppression of Osteoclastogenesis. <i>Frontiers in Immunology</i> , 2019, 10, 1239.	2.2	13
246	ZFYVE21 is a complement-induced Rab5 effector that activates non-canonical NF- κ B via phosphoinositide remodeling of endosomes. <i>Nature Communications</i> , 2019, 10, 2247.	5.8	29
247	LncRNA PACER is down-regulated in osteoarthritis and regulates chondrocyte apoptosis and lncRNA HOTAIR expression. <i>Bioscience Reports</i> , 2019, 39, .	1.1	25
248	Evaluation of Targeting Efficiency of Joints with Anticollagen II Antibodies. <i>Molecular Pharmaceutics</i> , 2019, 16, 2445-2451.	2.3	8
249	The ratio adiponin/MCP-1 is strongly associated with structural changes and CRP/MCP-1 with symptoms in obese knee osteoarthritis subjects: data from the Osteoarthritis Initiative. <i>Osteoarthritis and Cartilage</i> , 2019, 27, 1163-1173.	0.6	15
250	Synovial fluid proteome changes in ACL injury-induced posttraumatic osteoarthritis: Proteomics analysis of porcine knee synovial fluid. <i>PLoS ONE</i> , 2019, 14, e0212662.	1.1	18
251	MicroRNA-26a reduces synovial inflammation and cartilage injury in osteoarthritis of knee joints through impairing the NF- κ B signaling pathway. <i>Bioscience Reports</i> , 2019, 39, .	1.1	28
252	Stress-activated miR-204 governs senescent phenotypes of chondrocytes to promote osteoarthritis development. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	96
253	Mechanisms underlying mechanical sensitization induced by complement C5a: the roles of macrophages, TRPV1, and calcitonin gene-related peptide receptors. <i>Pain</i> , 2019, 160, 702-711.	2.0	35
254	Effects of Caloric Restriction with Protein Supplementation on Plasma Protein Profiles in Middle-Aged Women with Metabolic Syndrome—A Preliminary Open Study. <i>Journal of Clinical Medicine</i> , 2019, 8, 195.	1.0	1
255	Peptidomic analysis of cartilage and subchondral bone in OA patients. <i>European Journal of Clinical Investigation</i> , 2019, 49, e13082.	1.7	6
256	Do recent research studies validate the medicinal plants used in British Columbia, Canada for pet diseases and wild animals taken into temporary care?. <i>Journal of Ethnopharmacology</i> , 2019, 236, 366-392.	2.0	19
257	FisiopatologĂa de la artrosi. <i>EMC - Aparato Locomotor</i> , 2019, 52, 1-20.	0.1	0
258	Is there a relationship between dynamic thiol/disulfide homeostasis and osteoarthritis progression?. <i>Archives of Physiology and Biochemistry</i> , 2022, 128, 431-437.	1.0	1

#	ARTICLE	IF	CITATIONS
259	Mesenchymal stem cells in the treatment of articular cartilage degeneration: New biological insights for an old-timer cell. <i>Cytotherapy</i> , 2019, 21, 1179-1197.	0.3	54
260	Innovative regenerative medicine in the management of knee OA: The role of Autologous Protein Solution. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2019, 10, 49-52.	0.6	13
261	Inflammation in osteoarthritis: is it time to dampen the alarm(in) in this debilitating disease?. <i>Clinical and Experimental Immunology</i> , 2019, 195, 153-166.	1.1	79
262	miR-195 contributes to human osteoarthritis via targeting PTHrP. <i>Journal of Bone and Mineral Metabolism</i> , 2019, 37, 711-721.	1.3	9
263	TMTâ€­Based Quantitative Proteomic Analysis Reveals Proteomic Changes Involved in Longevity. <i>Proteomics - Clinical Applications</i> , 2019, 13, e1800024.	0.8	23
264	Reduced Terminal Complement Complex Formation in Mice Manifests in Low Bone Mass and Impaired Fracture Healing. <i>American Journal of Pathology</i> , 2019, 189, 147-161.	1.9	9
265	A predominant Th1 polarization is present in synovial fluid of end-stage osteoarthritic knee joints: analysis of peripheral blood, synovial fluid and synovial membrane. <i>Clinical and Experimental Immunology</i> , 2019, 195, 395-406.	1.1	47
266	Mechanical stress protects against osteoarthritis via regulation of the AMPK/NFâ€­B signaling pathway. <i>Journal of Cellular Physiology</i> , 2019, 234, 9156-9167.	2.0	44
267	Sustainable synthesis of luminescent CdTe quantum dots coated with modified silica mesoporous nanoparticles: Towards new protein scavengers and smart drug delivery carriers. <i>Dyes and Pigments</i> , 2019, 161, 360-369.	2.0	32
268	Pharmacokinetic Profile of Intra-articular Fluticasone Propionate Microparticles in Beagle Dog Knees. <i>Cartilage</i> , 2019, 10, 139-147.	1.4	6
269	Serine proteinases in the turnover of the cartilage extracellular matrix in the joint: implications for therapeutics. <i>British Journal of Pharmacology</i> , 2019, 176, 38-51.	2.7	23
270	UPLCâ€­HRMSâ€­based untargeted metabolic profiling reveals changes in chickpea (<sc><i>Cicer</i> Tj ETQq1 1 0.784314 rgBT /Overlook 2019, 42, 115-132.	2.8	176
271	Complement component C1q is produced by isolated articular chondrocytes. <i>Osteoarthritis and Cartilage</i> , 2020, 28, 675-684.	0.6	16
272	Potential clinical applications of the personalized, disease-specific protein corona on nanoparticles. <i>Clinica Chimica Acta</i> , 2020, 501, 102-111.	0.5	26
273	Role of Inflammation and the Immune System in the Progression of Osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2020, 38, 253-257.	1.2	228
274	Wnt signaling and bone cell activity. , 2020, , 177-204.		0
275	One-Year Outcomes of Intraarticular Fat Transplantation for Thumb Carpometacarpal Joint Osteoarthritis: Case Review of 99 Joints. <i>Plastic and Reconstructive Surgery</i> , 2020, 145, 151-159.	0.7	30
276	Human Chondrocyte Activation by Toxins From <i>Premolis semirufa</i> , an Amazon Rainforest Moth Caterpillar: Identifying an Osteoarthritis Signature. <i>Frontiers in Immunology</i> , 2020, 11, 2191.	2.2	4

#	ARTICLE	IF	CITATIONS
277	Effects of isokinetic knee muscle training on bone morphogenetic proteins and inflammatory biomarkers in post-traumatic osteoarthritis after anterior cruciate ligament injury: A randomized trial. <i>Journal of Rehabilitation Medicine</i> , 2020, 52, jrm00098.	0.8	3
278	FisiopatologÃa de la artrosis. <i>EMC - PodologÃa</i> , 2020, 22, 1-20.	0.1	0
279	Identification of differentially expressed and methylated genes associated with rheumatoid arthritis based on network. <i>Autoimmunity</i> , 2020, 53, 303-313.	1.2	13
280	Intra-articular xenogeneic mesenchymal stem cell-based therapy increases CD4+CD25+ cells in synovial fluid. <i>Veterinary Immunology and Immunopathology</i> , 2020, 227, 110085.	0.5	3
281	Complement Expression and Activation in Osteoarthritis Joint Compartments. <i>Frontiers in Immunology</i> , 2020, 11, 535010.	2.2	18
282	T Helper Cell Infiltration in Osteoarthritis-Related Knee Pain and Disability. <i>Journal of Clinical Medicine</i> , 2020, 9, 2423.	1.0	21
283	Comparison between intra-articular infiltrations of placebo, steroids, hyaluronic and PRP for knee osteoarthritis: a Bayesian network meta-analysis. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021, 141, 1473-1490.	1.3	68
284	Pathogenesis of Osteoarthritis: Risk Factors, Regulatory Pathways in Chondrocytes, and Experimental Models. <i>Biology</i> , 2020, 9, 194.	1.3	111
285	Sequencing identifies a distinct signature of circulating microRNAs in early radiographic knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2020, 28, 1471-1481.	0.6	43
286	Degenerative osteoarthritis a reversible chronic disease. <i>Regenerative Therapy</i> , 2020, 15, 149-160.	1.4	49
287	Of mice and men: converging on a common molecular understanding of osteoarthritis. <i>Lancet Rheumatology</i> , The, 2020, 2, e633-e645.	2.2	52
288	Blockade of Fgfr1 with PD166866 Protects Cartilage from the Catabolic Effects Induced by Interleukin-1 β : A Genome-Wide Expression Profiles Analysis. <i>Cartilage</i> , 2021, 13, 1122S-1133S.	1.4	1
289	Can the addition of ultrasound-guided genicular nerve block using 5% dextrose water augment the effect of autologous platelet rich plasma in treating elderly patients with knee osteoarthritis?. <i>Biomedical Journal</i> , 2020, , .	1.4	1
290	Complement Membrane Attack Complex. <i>American Journal of Pathology</i> , 2020, 190, 1138-1150.	1.9	95
291	Synovial cell cross-talk with cartilage plays a major role in the pathogenesis of osteoarthritis. <i>Scientific Reports</i> , 2020, 10, 10868.	1.6	161
292	Identifying effector molecules, cells, and cytokines of innate immunity in OA. <i>Osteoarthritis and Cartilage</i> , 2020, 28, 532-543.	0.6	64
293	Osteoarthritis and inflammation: a serious disease with overlapping phenotypic patterns. <i>Postgraduate Medicine</i> , 2020, 132, 377-384.	0.9	65
294	Pathomechanisms of Posttraumatic Osteoarthritis: Chondrocyte Behavior and Fate in a Precarious Environment. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1560.	1.8	36

#	ARTICLE	IF	CITATIONS
295	Crucial role of the terminal complement complex in chondrocyte death and hypertrophy after cartilage trauma. <i>Osteoarthritis and Cartilage</i> , 2020, 28, 685-697.	0.6	15
296	Identification of Cartilage Microbial <scp>DNA</scp> Signatures and Associations With Knee and Hip Osteoarthritis. <i>Arthritis and Rheumatology</i> , 2020, 72, 1111-1122.	2.9	52
297	Knee synovial fluid complement C3 α chain levels correlate with clinical symptoms of knee osteoarthritis. <i>International Journal of Rheumatic Diseases</i> , 2020, 23, 569-575.	0.9	4
298	Instability and excessive mechanical loading mediate subchondral bone changes to induce osteoarthritis. <i>Annals of Translational Medicine</i> , 2020, 8, 350-350.	0.7	26
299	Cracking the code on the innate immune program in OA. <i>Osteoarthritis and Cartilage</i> , 2020, 28, 529-531.	0.6	7
300	<p>Age-Related Macular Degeneration in Primary Osteoarthritis Egyptian Patients</p>. <i>Open Access Rheumatology: Research and Reviews</i> , 2020, Volume 12, 35-40.	0.8	1
301	Osteoarthritis and Toll-Like Receptors: When Innate Immunity Meets Chondrocyte Apoptosis. <i>Biology</i> , 2020, 9, 65.	1.3	47
302	Cameos: Candidates and Curiosities. , 2020, , 1461-1473.		0
303	Pathophysiological landscape of osteoarthritis. <i>Advances in Clinical Chemistry</i> , 2021, 100, 37-90.	1.8	56
304	Protein Levels and Microstructural Changes in Localized Regions of Early Cartilage Degeneration Compared with Adjacent Intact Cartilage. <i>Cartilage</i> , 2021, 12, 192-210.	1.4	0
305	Identification of tissue-dependent proteins in knee OA synovial fluid. <i>Osteoarthritis and Cartilage</i> , 2021, 29, 124-133.	0.6	26
306	Regulatory T Cells in Bioactive Peptides-Induced Oral Tolerance; a Two-Edged Sword Related to the Risk of Chronic Diseases: A Systematic Review. <i>Nutrition and Cancer</i> , 2021, 73, 956-967.	0.9	7
307	Circular RNA circPDE4D Protects against Osteoarthritis by Binding to miR-103a-3p and Regulating FGF18. <i>Molecular Therapy</i> , 2021, 29, 308-323.	3.7	49
308	Terminal complement complex formation is associated with intervertebral disc degeneration. <i>European Spine Journal</i> , 2021, 30, 217-226.	1.0	11
309	Posttraumatic osteoarthritis: what have we learned to advance osteoarthritis?. <i>Current Opinion in Rheumatology</i> , 2021, 33, 74-83.	2.0	12
310	Osteoarthritis, osteoarthrosis and osteoarthropathy: What is the difference?. <i>Srpski Medicinski Åasopis Lekarske Komore</i> , 2021, 2, 25-32.	0.1	0
311	The P2X7 Receptor in Osteoarthritis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 628330.	1.8	16
312	Experimental Therapeutics for the Treatment of Osteoarthritis. <i>Journal of Experimental Pharmacology</i> , 2021, Volume 13, 101-125.	1.5	18

#	ARTICLE	IF	CITATIONS
313	An Evidence-Based Systematic Review of Human Knee Post-Traumatic Osteoarthritis (PTOA): Timeline of Clinical Presentation and Disease Markers, Comparison of Knee Joint PTOA Models and Early Disease Implications. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1996.	1.8	42
314	Deer antler extract potentially facilitates xiphoid cartilage growth and regeneration and prevents inflammatory susceptibility by regulating multiple functional genes. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 208.	0.9	4
315	Complement regulation in tenocytes under the influence of leukocytes in an indirect co-culture model. <i>Inflammation Research</i> , 2021, 70, 495-507.	1.6	5
316	Biomarkers of Joint Damage in Osteoarthritis: Current Status and Future Directions. <i>Mediators of Inflammation</i> , 2021, 2021, 1-15.	1.4	42
317	Histologic evidence for a humoral immune response in synovitis associated with cranial cruciate ligament disease in dogs. <i>Veterinary Surgery</i> , 2021, 50, 1032-1041.	0.5	4
319	Src Homology 2 Domain-Containing Protein Tyrosine Phosphatase Promotes Inflammation and Accelerates Osteoarthritis by Activating β -Catenin. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 646386.	1.8	11
320	Scenário global de artrrose. <i>Revue Du Rhumatisme Monographies</i> , 2021, 88, 79-84.	0.0	0
321	Vibrational Spectroscopy in Assessment of Early Osteoarthritis – A Narrative Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5235.	1.8	10
322	OP0110 – A COHORT STUDY ON THE BIDIRECTIONAL RELATIONSHIP BETWEEN PERIODONTITIS AND OSTEOARTHRITIS OVER A 15-YEAR FOLLOW-UP. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 61.2-61.	0.5	0
323	Quantitative proteomics reveal the protective effects of EDS against osteoarthritis via attenuating inflammation and modulating immune response. <i>Journal of Ethnopharmacology</i> , 2021, 271, 113780.	2.0	13
324	MK801 regulates the expression of key osteoarthritis factors in osteoarthritis synovial fibroblasts through complement C5. <i>Research in Veterinary Science</i> , 2021, 136, 377-384.	0.9	0
325	Interleukin-1 β and cathepsin D modulate formation of the terminal complement complex in cultured human disc tissue. <i>European Spine Journal</i> , 2021, 30, 2247-2256.	1.0	9
326	Chondrocyte protein co-synthesis network analysis links ECM mechanosensing to metabolic adaptation in osteoarthritis. <i>Expert Review of Proteomics</i> , 2021, 18, 623-635.	1.3	1
327	Mesenchymal stem cell secretome decreases the inflammatory response in annulus fibrosus organ cultures. , 2021, 42, 1-19.		6
328	Anti-Inflammatory Therapeutic Approaches to Prevent or Delay Post-Traumatic Osteoarthritis (PTOA) of the Knee Joint with a Focus on Sustained Delivery Approaches. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8005.	1.8	22
329	Fisiopatologia de la artrosis. <i>EMC - Kinesiterapia - Medicina Física</i> , 2021, 42, 1-20.	0.1	0
330	Fisiopatologia dell'artrosi. <i>EMC - Medicina Riabilitativa</i> , 2021, 28, 1-17.	0.0	0
331	Pathogenesis, Pathology and Genetics of Osteoarthritis. , 0, , .		0

#	ARTICLE	IF	CITATIONS
332	New Insights into Xenotransplantation for Cartilage Repair: Porcine Multi-Genetically Modified Chondrocytes as a Promising Cell Source. <i>Cells</i> , 2021, 10, 2152.	1.8	7
333	Interleukin 4 promotes anti-inflammatory macrophages that clear cartilage debris and inhibits osteoclast development to protect against osteoarthritis. <i>Clinical Immunology</i> , 2021, 229, 108784.	1.4	16
334	Study of chondroitin sulfate E oligosaccharide as a promising complement C5 inhibitor for osteoarthritis alleviation. <i>Materials Science and Engineering C</i> , 2021, 127, 112234.	3.8	7
335	Osteoarthritis Progression: Mitigation and Rehabilitation Strategies. <i>Frontiers in Rehabilitation Sciences</i> , 2021, 2, .	0.5	3
336	Design, Preparation, and Bioactivity Study of New Fusion Protein HB-NC4 in the Treatment of Osteoarthritis. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 700064.	2.0	2
337	Circ_0008956 contributes to IL-1 β -induced osteoarthritis progression via miR-149-5p/NAMPT axis. <i>International Immunopharmacology</i> , 2021, 98, 107857.	1.7	8
338	The complement cascade in the regulation of neuroinflammation, nociceptive sensitization, and pain. <i>Journal of Biological Chemistry</i> , 2021, 297, 101085.	1.6	29
339	Regenerative Medicine for Equine Musculoskeletal Diseases. <i>Animals</i> , 2021, 11, 234.	1.0	22
340	Circ_0045714 alleviates TNF- α -induced chondrocyte injury and extracellular matrix degradation through miR-218-5p/HRAS axis. <i>Journal of Bioenergetics and Biomembranes</i> , 2021, 53, 97-107.	1.0	11
341	Proinflammatory T cell polarization is already present in patients with early knee osteoarthritis. <i>Arthritis Research and Therapy</i> , 2021, 23, 37.	1.6	33
342	Long noncoding RNA TUG1 regulates degradation of chondrocyte extracellular matrix via miR-320c/MMP-13 axis in osteoarthritis. <i>Open Life Sciences</i> , 2021, 16, 384-394.	0.6	5
343	Pathogenesis of Osteoarthritis in General. , 2017, , 1-25.		5
344	Down-regulation of microRNA-203a suppresses IL-1 β -induced inflammation and cartilage degradation in human chondrocytes through Smad3 signaling. <i>Bioscience Reports</i> , 2020, 40, .	1.1	11
345	Synovial fluid proteomics in the pursuit of arthritis mediators: An evolving field of novel biomarker discovery. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2017, 54, 495-505.	2.7	26
346	High-speed single-molecule imaging reveals signal transduction by induced transbilayer raft phases. <i>Journal of Cell Biology</i> , 2020, 219, .	2.3	35
348	Dysregulated integrin α 2 β 3 and CD47 signaling promotes joint inflammation, cartilage breakdown, and progression of osteoarthritis. <i>JCI Insight</i> , 2019, 4, .	2.3	39
349	Senescent cells and osteoarthritis: a painful connection. <i>Journal of Clinical Investigation</i> , 2018, 128, 1229-1237.	3.9	215
350	Recent advances in the treatment of osteoarthritis. <i>F1000Research</i> , 2020, 9, 325.	0.8	165

#	ARTICLE	IF	CITATIONS
351	High Affinity Humanized Antibodies without Making Hybridomas; Immunization Paired with Mammalian Cell Display and In Vitro Somatic Hypermutation. PLoS ONE, 2012, 7, e49458.	1.1	24
352	Phenome-Wide Association Study to Explore Relationships between Immune System Related Genetic Loci and Complex Traits and Diseases. PLoS ONE, 2016, 11, e0160573.	1.1	23
353	INFLAMMATION AND IMMUNITY: A ROLE OF PATHOGENESIS OF OSTEOARTHRITIS. Medical Immunology (Russia), 2019, 21, 39-48.	0.1	10
354	Innate Immunity Sensors Participating in Pathophysiology of Joint Diseases: A Brief Overview. Journal of Long-Term Effects of Medical Implants, 2014, 24, 297-317.	0.2	8
355	In vivo protective effect of adiponin-deficiency on spontaneous knee osteoarthritis in aging mice. Aging, 2020, 12, 2880-2896.	1.4	8
356	Bone marrow mesenchymal stem cell-derived exosomes prevent osteoarthritis by regulating synovial macrophage polarization. Aging, 2020, 12, 25138-25152.	1.4	84
357	A Molecular Cascade Underlying Articular Cartilage Degeneration. Current Drug Targets, 2020, 21, 838-848.	1.0	10
358	Genetic engineering strategies to prevent the effects of antibody and complement on xenogenic chondrocytes. , 2015, 30, 258-270.		8
359	The Link Between Inflammation and Degenerative Joint Diseases. International Journal of Molecular Sciences, 2019, 20, 614.	1.8	71
360	Role of Inflammation in Osteoarthritis. Rheumatology (Sunnyvale, Calif), 2013, 03, .	0.3	2
361	IgE-mediated mast cell activation promotes inflammation and cartilage destruction in osteoarthritis. ELife, 2019, 8, .	2.8	74
362	Modern achievements in pharmacotherapy of osteoarthritis based on endo- and phenotyping. Farmakoekonomika, 2021, 14, 379-406.	0.4	2
363	Quantitative proteomic analysis comparing grades ICRS1 and ICRS3 in patients with osteoarthritis. Experimental and Therapeutic Medicine, 2021, 22, 1470.	0.8	1
365	Novel Approaches for Treating Musculoskeletal Diseases: Molecular Orthopedics and Systems Medicine. The Open Orthopaedics Journal, 2013, 7, 144-151.	0.1	0
366	Osteoarthritis Genetics. , 2015, , 1-8.		0
367	Tissue destruction and repair. , 2015, , 152-159.		0
368	Osteoarthritis Biomarkers. , 2015, , 171-189.		0
369	Bone Biomarkers Related to Osteoarthritis. Biomarkers in Disease, 2016, , 1-29.	0.0	1

#	ARTICLE	IF	CITATIONS
370	Osteoarthritis Genetics. , 2016, , 1041-1047.		0
371	Bone Biomarkers Related to Osteoarthritis. Biomarkers in Disease, 2017, , 993-1021.	0.0	1
372	De l'arthrose aux arthroses : une nouvelle vision phy-siopathologique. Bulletin De L'Academie Nationale De Medecine, 2018, 202, 139-152.	0.0	2
374	Diabetes mellitus and osteoarthritis. , 2020, , 285-315.		1
375	Cartilage Biology: Overview. , 2020, , 521-534.		2
376	Inflammasome-Dependent Peroxiredoxin 2 Secretion Induces the Classical Complement Pathway Activation. Immune Network, 2021, 21, e36.	1.6	7
377	Inflammatory Environment and Cartilage Repair. , 2022, , 247-258.		0
378	Monocytes, Macrophages, and Their Potential Niches in Synovial Joints – Therapeutic Targets in Post-Traumatic Osteoarthritis?. Frontiers in Immunology, 2021, 12, 763702.	2.2	34
382	Decreased expression of microRNA-130a correlates with TNF- α in the development of osteoarthritis. International Journal of Clinical and Experimental Pathology, 2015, 8, 2555-64.	0.5	38
383	Interleukin-6 from subchondral bone mesenchymal stem cells contributes to the pathological phenotypes of experimental osteoarthritis. American Journal of Translational Research (discontinued), 2018, 10, 1143-1154.	0.0	14
385	Cartilage-derived biomarkers in osteoarthritis. Indian Journal of Medical Research, 2021, 153, 413-415.	0.4	0
386	Applications of transcriptomics in support of drug development for osteoarthritis. Osteoarthritis and Cartilage Open, 2021, 3, 100221.	0.9	0
387	Cartilage-derived biomarkers in osteoarthritis. Indian Journal of Medical Research, 2021, 153, 413.	0.4	2
388	Proteomic analysis of human articular cartilage unravels the dyscoagulation in osteoarthritis and the potential value of serpinA5 as a biomarker for osteoarthritis. Proteomics - Clinical Applications, 2021, , 2100117.	0.8	2
389	Emerging microfluidics-enabled platforms for osteoarthritis management: from benchtop to bedside. Theranostics, 2022, 12, 891-909.	4.6	9
390	Synovial tissue perivascular edema is associated with altered gait patterns in patients with knee osteoarthritis. Osteoarthritis and Cartilage, 2022, 30, 42-51.	0.6	7
391	Association of Blood Group Antigen CD59 with Disease. Transfusion Medicine and Hemotherapy, 2022, 49, 13-24.	0.7	9
392	CircSCAPER contributes to IL-1 β -induced osteoarthritis in vitro via miR-140-3p/EZH2 axis. Bone and Joint Research, 2022, 11, 61-72.	1.3	16

#	ARTICLE	IF	CITATIONS
393	Synovial tissue-derived extracellular vesicles induce chondrocyte inflammation and degradation via NF- κ B signalling pathway: An <i>in vitro</i> study. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 2038-2048.	1.6	5
394	Synovial inflammation in osteoarthritis progression. <i>Nature Reviews Rheumatology</i> , 2022, 18, 258-275.	3.5	243
395	Beyond Systemic Lupus Erythematosus and Anti-Phospholipid Syndrome: The Relevance of Complement From Pathogenesis to Pregnancy Outcome in Other Systemic Rheumatologic Diseases. <i>Frontiers in Pharmacology</i> , 2022, 13, 841785.	1.6	9
396	Inflammatory and Immune Protein Pathways Possible Mechanisms for Pain Following Walking in Knee Osteoarthritis. <i>Nursing Research</i> , 2022, 71, 328-335.	0.8	2
397	Chemical Design of Activatable Photoacoustic Probes for Precise Biomedical Applications. <i>Chemical Reviews</i> , 2022, 122, 6850-6918.	23.0	94
398	Complement Proteins C5/C5a, Cathepsin D and Prolactin in Chondrocytes: A Possible Crosstalk in the Pathogenesis of Osteoarthritis. <i>Cells</i> , 2022, 11, 1134.	1.8	0
399	Complement C3- β and C3- γ Levels in Synovial Fluid But Not in Blood Correlate With the Severity of Osteoarthritis Research Society International Histopathological Grades in Primary Knee Osteoarthritis. <i>Journal of Arthroplasty</i> , 2022, 37, 1541-1548.e1.	1.5	1
400	Development and characterization of a humanized mouse model of osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 875-885.	0.6	1
401	CD14+ monocytes and soluble CD14 of synovial fluid are associated with osteoarthritis progression. <i>Archives of Rheumatology</i> , 2022, 37, 335-343.	0.3	2
402	Stem cell-homing hydrogel-based miR-29b-5p delivery promotes cartilage regeneration by suppressing senescence in an osteoarthritis rat model. <i>Science Advances</i> , 2022, 8, eabk0011.	4.7	66
403	Role of Platelets in Osteoarthritis—Updated Systematic Review and Meta-Analysis on the Role of Platelet-Rich Plasma in Osteoarthritis. <i>Cells</i> , 2022, 11, 1080.	1.8	9
404	Characterization of Microfragmented Adipose Tissue Architecture, Mesenchymal Stromal Cell Content and Release of Paracrine Mediators. <i>Journal of Clinical Medicine</i> , 2022, 11, 2231.	1.0	4
405	A safety evaluation of allogeneic freeze-dried platelet-rich plasma or conditioned serum compared to autologous frozen products equivalents in equine healthy joints. <i>BMC Veterinary Research</i> , 2022, 18, 141.	0.7	3
406	Glycosaminoglycan-based injectable hydrogels with multi-functions in the alleviation of osteoarthritis. <i>Carbohydrate Polymers</i> , 2022, 290, 119492.	5.1	12
416	Sex-Differences and Associations Between Complement Activation and Synovial Vascularization in Patients with Late-Stage Knee Osteoarthritis. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	6
417	Involvement of complement peptides C3a and C5a in osteoarthritis pathology. <i>Peptides</i> , 2022, 154, 170815.	1.2	13
418	Preliminary Report: Osteoarthritis and Rheumatoid Arthritis Synovial Fluid Increased Osteoclastogenesis In Vitro by Monocyte Differentiation Pathway Regulating Cytokines. <i>Mediators of Inflammation</i> , 2022, 2022, 1-13.	1.4	5
419	Rhythm disturbance in osteoarthritis. <i>Cell Communication and Signaling</i> , 2022, 20, .	2.7	1

#	ARTICLE	IF	CITATIONS
420	Mass spectrometry-based proteomics identify novel serum osteoarthritis biomarkers. <i>Arthritis Research and Therapy</i> , 2022, 24, .	1.6	17
421	Pentraxin 3 regulated by miR-224-5p modulates macrophage reprogramming and exacerbates osteoarthritis associated synovitis by targeting CD32. <i>Cell Death and Disease</i> , 2022, 13, .	2.7	24
422	CREB Ameliorates Osteoarthritis Progression Through Regulating Chondrocytes Autophagy via the miR-373/METTTL3/TFEB Axis. <i>Frontiers in Cell and Developmental Biology</i> , 0, 9, .	1.8	9
423	Biodegradable Hollow-Structured Nanozymes Modulate Phenotypic Polarization of Macrophages and Relieve Hypoxia for Treatment of Osteoarthritis. <i>Small</i> , 2022, 18, .	5.2	23
424	Cellular direct conversion by cell penetrable OCT4-30Kc19 protein and BMP4 growth factor. <i>Biomaterials Research</i> , 2022, 26, .	3.2	2
425	Bidirectional Relationship Between Osteoarthritis and Periodontitis: A Population-Based Cohort Study Over a 15-year Follow-Up. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	20
426	Senescence in osteoarthritis: from mechanism to potential treatment. <i>Arthritis Research and Therapy</i> , 2022, 24, .	1.6	40
427	The Complement System, Aging, and Aging-Related Diseases. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8689.	1.8	22
428	Identification of the OA-related metabolism-related genes, corresponding transcription factors, relevant pathways, and specific bioactive small molecules. <i>International Immunopharmacology</i> , 2022, 112, 109096.	1.7	3
429	RNA-seq characterization of histamine-releasing mast cells as potential therapeutic target of osteoarthritis. <i>Clinical Immunology</i> , 2022, 244, 109117.	1.4	8
430	Infiltration Profile of Regulatory T Cells in Osteoarthritis-Related Pain and Disability. <i>Biomedicines</i> , 2022, 10, 2111.	1.4	5
432	Perturbations in Neuroinflammatory Pathways Are Associated With a Worst Pain Profile in Oncology Patients Receiving Chemotherapy. <i>Journal of Pain</i> , 2023, 24, 84-97.	0.7	2
433	Screening of key pathogenic genes in advanced knee osteoarthritis based on bioinformatics analysis. <i>Annals of Translational Medicine</i> , 2022, 10, 978-978.	0.7	2
434	The Usefulness of Synovial Fluid Proteome Analysis in Orthopaedics: Focus on Osteoarthritis and Periprosthetic Joint Infections. <i>Journal of Functional Morphology and Kinesiology</i> , 2022, 7, 97.	1.1	9
435	Sirt3 Promotes Chondrogenesis, Chondrocyte Mitochondrial Respiration and the Development of High-Fat Diet-Induced Osteoarthritis in Mice. <i>Journal of Bone and Mineral Research</i> , 2020, 37, 2531-2547.	3.1	12
436	Complement System Inhibition Modulates the Inflammation Induced by the Venom of <i>Premolis semirufa</i> , an Amazon Rainforest Moth Caterpillar. <i>International Journal of Molecular Sciences</i> , 2022, 23, 13333.	1.8	3
437	What's New in the Diagnosis of Periprosthetic Joint Infections: Focus on Synovial Fluid Biomarkers. <i>Tropical Medicine and Infectious Disease</i> , 2022, 7, 355.	0.9	8
438	Isolation and Identification of Bone Marrow Mesenchymal Stem Cells from Forest Musk Deer. <i>Animals</i> , 2023, 13, 17.	1.0	1

#	ARTICLE	IF	CITATIONS
439	Biological Functions of Selenoprotein Glutathione Peroxidases (GPXs) and their Expression in Osteoarthritis. <i>Journal of Inflammation Research</i> , 0, Volume 16, 183-196.	1.6	2
440	The effect of using chondroitin sulfate in osteoarthritis of the knee. <i>Journal of Education, Health and Sport</i> , 2022, 13, 235-241.	0.0	0
441	The multifaceted role of mast cells in joint inflammation and arthritis. <i>Osteoarthritis and Cartilage</i> , 2023, 31, 567-575.	0.6	4
442	Study on the mechanism and pharmacokinetics of HB-NC4 based on C5b-9 target in the treatment of osteoarthritis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2023, 1869, 166699.	1.8	0
443	Functional Loss of Terminal Complement Complex Protects Rabbits from Injury-Induced Osteoarthritis on Structural and Cellular Level. <i>Biomolecules</i> , 2023, 13, 216.	1.8	1
444	Oral Administration of Bovine Milk-Derived Extracellular Vesicles Attenuates Cartilage Degeneration via Modulating Gut Microbiota in DMM-Induced Mice. <i>Nutrients</i> , 2023, 15, 747.	1.7	6
445	Terminal Complement Activation Is Induced by Factors Released from Endplate Tissue of Disc Degeneration Patients and Stimulates Expression of Catabolic Enzymes in Annulus Fibrosus Cells. <i>Cells</i> , 2023, 12, 887.	1.8	2
446	Macrophage-Driven Inflammation in Metabolic Osteoarthritis: Implications for Biomarker and Therapy Development. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6112.	1.8	4
447	LncRNA AC006064.4 serves as a novel molecular marker in alleviating cartilage senescence and protecting against osteoarthritis by destabilizing CDKN1B mRNA via interacting with PTBP1. <i>Biomarker Research</i> , 2023, 11, .	2.8	3
450	Complement therapeutics are coming of age in rheumatology. <i>Nature Reviews Rheumatology</i> , 2023, 19, 470-485.	3.5	2