Mukundan Attur

List of Publications by Year in Descending Order

50 papers	4,083 citations	27 h-index	59 g-index
59 ext. papers	4,590 ext. citations	6 avg, IF	4.93 L-index

#	Paper	IF	Citations
50	A low cartilage formation and repair endotype predicts radiographic progression of symptomatic knee osteoarthritis. *Journal of Orthopaedics and Traumatology*, **2021**, 22, 10	5	6
49	Periostin loss-of-function protects mice from post-traumatic and age-related osteoarthritis. *Arthritis Research and Therapy*, **2021**, 23, 104	5.7	3
48	14-3-3 epsilon is an intracellular component of TNFR2 receptor complex and its activation protects against osteoarthritis. *Annals of the Rheumatic Diseases*, **2021**, 80, 1615-1627	2.4	5
47	Periostin interaction with discoidin domain receptor-1 (DDR1) promotes cartilage degeneration. *PLoS ONE*, **2020**, 15, e0231501	3.7	9
46	Interleukin 1 receptor antagonist () gene variants predict radiographic severity of knee osteoarthritis and risk of incident disease. *Annals of the Rheumatic Diseases*, **2020**, 79, 400-407	2.4	16
45	Membrane-type 1 Matrix Metalloproteinase Modulates Tissue Homeostasis by a Non-proteolytic Mechanism. *IScience*, **2020**, 23, 101789	6.1	4
44	The combination of an inflammatory peripheral blood gene expression and imaging biomarkers enhance prediction of radiographic progression in knee osteoarthritis. *Arthritis Research and Therapy*, **2020**, 22, 208	5.7	5
43	Periostin interaction with discoidin domain receptor-1 (DDR1) promotes cartilage degeneration **2020**, 15, e0231501		
42	Periostin interaction with discoidin domain receptor-1 (DDR1) promotes cartilage degeneration **2020**, 15, e0231501		
41	Periostin interaction with discoidin domain receptor-1 (DDR1) promotes cartilage degeneration **2020**, 15, e0231501		
40	Periostin interaction with discoidin domain receptor-1 (DDR1) promotes cartilage degeneration **2020**, 15, e0231501		
39	Vascular Adhesion Protein-1 (VAP-1) as Predictor of Radiographic Severity in Symptomatic Knee Osteoarthritis in the New York University Cohort. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	8
38	Human chondrocyte migration behaviour to guide the development of engineered cartilage. *Journal of Tissue Engineering and Regenerative Medicine*, **2017**, 11, 877-886	4.4	19
37	Serum Urate Levels Predict Joint Space Narrowing in Non-Gout Patients With Medial Knee Osteoarthritis. *Arthritis and Rheumatology*, **2017**, 69, 1213-1220	9.5	30
36	Increased Activity of the Chondrocyte Translational Apparatus Accompanies Osteoarthritic Changes in Human and Rodent Knee Cartilage. *Arthritis and Rheumatology*, **2017**, 69, 586-597	9.5	17
35	Deletion of Panx3 Prevents the Development of Surgically Induced Osteoarthritis. *Journal of Molecular Medicine*, **2015**, 93, 845-56	5.5	32
34	Elevated expression of periostin in human osteoarthritic cartilage and its potential role in matrix degradation via matrix metalloproteinase-13. *FASEB Journal*, **2015**, 29, 4107-21	0.9	33

33	Cytokine preconditioning of engineered cartilage provides protection against interleukin-1 insult. *Arthritis Research and Therapy*, **2015**, 17, 361	5.7	6
32	Low-grade inflammation in symptomatic knee osteoarthritis: prognostic value of inflammatory plasma lipids and peripheral blood leukocyte biomarkers. *Arthritis and Rheumatology*, **2015**, 67, 2905-15	9.5	69
31	Decreased bacterial diversity characterizes the altered gut microbiota in patients with psoriatic arthritis, resembling dysbiosis in inflammatory bowel disease. *Arthritis and Rheumatology*, **2015**, 67, 128-39	9.5	434
30	Increased plasma IL-17F levels in rheumatoid arthritis patients are responsive to methotrexate, anti-TNF, and T cell costimulatory modulation. *Inflammation*, **2015**, 38, 180-6	5.1	25
29	Age-dependent ferritin elevations and HFE C282Y mutation as risk factors for symptomatic knee osteoarthritis in males: a longitudinal cohort study. *BMC Musculoskeletal Disorders*, **2014**, 15, 8	2.8	16
28	Prognostic biomarkers in osteoarthritis. *Current Opinion in Rheumatology*, **2013**, 25, 136-44	5.3	102
27	Periodontal disease and the oral microbiota in new-onset rheumatoid arthritis. *Arthritis and Rheumatism*, **2012**, 64, 3083-94		317
26	Perturbation of nuclear lamin A causes cell death in chondrocytes. *Arthritis and Rheumatism*, **2012**, 64, 1940-9		14
25	Activation of diverse eicosanoid pathways in osteoarthritic cartilage: a lipidomic and genomic analysis. *Bulletin of the NYU Hospital for Joint Diseases*, **2012**, 70, 99-108		13
24	Increased interleukin-1β gene expression in peripheral blood leukocytes is associated with increased pain and predicts risk for progression of symptomatic knee osteoarthritis. *Arthritis and Rheumatism*, **2011**, 63, 1908-17		116
23	Quantitative magnetic resonance imaging evidence of synovial proliferation is associated with radiographic severity of knee osteoarthritis. *Arthritis and Rheumatism*, **2011**, 63, 2983-91		88
22	Protein kinase C-theta mediates negative feedback on regulatory T cell function. *Science*, **2010**, 328, 372-6	33.3	232
21	Radiographic severity of knee osteoarthritis is conditional on interleukin 1 receptor antagonist gene variations. *Annals of the Rheumatic Diseases*, **2010**, 69, 856-61	2.4	56
20	Targeting the synovial tissue for treating osteoarthritis (OA): where is the evidence?. *Best Practice and Research in Clinical Rheumatology*, **2010**, 24, 71-9	5.3	64
19	The role of microRNA in rheumatoid arthritis and other autoimmune diseases. *Clinical Immunology*, **2010**, 136, 1-15	9	133
18	Developments in the scientific understanding of osteoarthritis. *Arthritis Research and Therapy*, **2009**, 11, 227	5.7	265
17	Annexin-1 mediates TNF-alpha-stimulated matrix metalloproteinase secretion from rheumatoid arthritis synovial fibroblasts. *Journal of Immunology*, **2008**, 181, 2813-20	5.3	40
16	Prostaglandin E2 exerts catabolic effects in osteoarthritis cartilage: evidence for signaling via the EP4 receptor. *Journal of Immunology*, **2008**, 181, 5082-8	5.3	139

15	The antioxidant resveratrol protects against chondrocyte apoptosis via effects on mitochondrial polarization and ATP production. *Arthritis and Rheumatism*, **2008**, 58, 2786-97		95
14	Protein isoprenylation regulates secretion of matrix metalloproteinase 1 from rheumatoid synovial fibroblasts: effects of statins and farnesyl and geranylgeranyl transferase inhibitors. *Arthritis and Rheumatism*, **2007**, 56, 2840-53		14
13	Anticancer effects of licofelone (ML-3000) in prostate cancer cells. *Anticancer Research*, **2007**, 27, 2393-402		25
12	Classification of osteoarthritis biomarkers: a proposed approach. *Osteoarthritis and Cartilage*, **2006**, 14, 723-7	6.2	289
11	APRIL and BAFF promote increased viability of replicating human B2 cells via mechanism involving cyclooxygenase 2. *Journal of Immunology*, **2006**, 176, 6736-51	5.3	34
10	Prospects for disease modification in osteoarthritis. *Nature Clinical Practice Rheumatology*, **2006**, 2, 304-12		107
9	Resolution of inflammation: prostaglandin E2 dissociates nuclear trafficking of individual NF-kappaB subunits (p65, p50) in stimulated rheumatoid synovial fibroblasts. *Journal of Immunology*, **2005**, 175, 6924-30	5.3	115
8	Nitric oxide and inflammatory mediators in the perpetuation of osteoarthritis. *Current Rheumatology Reports*, **2001**, 3, 535-41	4.9	205
7	Model protocol to study pharmacogenomics in inflammatory diseases: Human rheumatoid arthritis. *Drug Development Research*, **2000**, 49, 29-33	5.1	1
6	COX-2, NO, and cartilage damage and repair. *Current Rheumatology Reports*, **2000**, 2, 447-53	4.9	110
5	Nitric oxide synthase/COX cross-talk: nitric oxide activates COX-1 but inhibits COX-2-derived prostaglandin production. *Journal of Immunology*, **2000**, 165, 1582-7	5.3	160
4	Nitric oxide synthase and cyclooxygenases: distribution, regulation, and intervention in arthritis. *Current Opinion in Rheumatology*, **1999**, 11, 202-9	5.3	135
3	Up-regulation of inducible nitric oxide synthase and production of nitric oxide by the Swarm rat and human chondrosarcoma. *Journal of Orthopaedic Research*, **1998**, 16, 667-74	3.8	9
2	The expression and regulation of nitric oxide synthase in human osteoarthritis-affected chondrocytes: evidence for up-regulated neuronal nitric oxide synthase. *Journal of Experimental Medicine*, **1995**, 182, 2097-102	16.6	217
1	The mode of action of aspirin-like drugs: effect on inducible nitric oxide synthase. *Proceedings of the National Academy of Sciences of the United States of America*, **1995**, 92, 7926-30	11.5	247