

# Mukundan Attur

## List of Publications by Year in descending order

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53  
papers

5,053  
citations

172457

29  
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197818

49  
g-index

59  
all docs

59  
docs citations

59  
times ranked

6939  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interferon pathway lupus risk alleles modulate risk of death from acute COVID-19. Translational Research, 2022, 244, 47-55.	5.0	9
2	A low cartilage formation and repair endotype predicts radiographic progression of symptomatic knee osteoarthritis. Journal of Orthopaedics and Traumatology, 2021, 22, 10.	2.3	19
3	Periostin loss-of-function protects mice from post-traumatic and age-related osteoarthritis. Arthritis Research and Therapy, 2021, 23, 104.	3.5	22
4	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.	0.9	28
5	Membrane-type 1 Matrix Metalloproteinase Modulates Tissue Homeostasis by a Non-proteolytic Mechanism. IScience, 2020, 23, 101789.	4.1	11
6	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.	3.5	11
7	Periostin interaction with discoidin domain receptor-1 (DDR1) promotes cartilage degeneration. PLoS ONE, 2020, 15, e0231501.	2.5	21
8	Interleukin 1 receptor antagonist (<i>IL1RN</i>) gene variants predict radiographic severity of knee osteoarthritis and risk of incident disease. Annals of the Rheumatic Diseases, 2020, 79, 400-407.	0.9	35
9	Periostin interaction with discoidin domain receptor-1 (DDR1) promotes cartilage degeneration. , 2020, 15, e0231501.		0
10	Periostin interaction with discoidin domain receptor-1 (DDR1) promotes cartilage degeneration. , 2020, 15, e0231501.		0
11	Periostin interaction with discoidin domain receptor-1 (DDR1) promotes cartilage degeneration. , 2020, 15, e0231501.		0
12	Periostin interaction with discoidin domain receptor-1 (DDR1) promotes cartilage degeneration. , 2020, 15, e0231501.		0
13	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, 2642.	4.1	14
14	Translational control maintains cartilage homeostasis and regulates osteoarthritis progression. Osteoarthritis and Cartilage, 2019, 27, S187.	1.3	0
15	Human chondrocyte migration behaviour to guide the development of engineered cartilage. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 877-886.	2.7	23
16	Serum Urate Levels Predict Joint Space Narrowing in Non-Gout Patients With Medial Knee Osteoarthritis. Arthritis and Rheumatology, 2017, 69, 1213-1220.	5.6	40
17	Increased Activity of the Chondrocyte Translational Apparatus Accompanies Osteoarthritic Changes in Human and Rodent Knee Cartilage. Arthritis and Rheumatology, 2017, 69, 586-597.	5.6	22
18	Cytokine preconditioning of engineered cartilage provides protection against interleukin-1 insult. Arthritis Research and Therapy, 2015, 17, 361.	3.5	8

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19	Low Grade Inflammation in Symptomatic Knee Osteoarthritis: Prognostic Value of Inflammatory Plasma Lipids and Peripheral Blood Leukocyte Biomarkers. <i>Arthritis and Rheumatology</i> , 2015, 67, 2905-2915.	5.6	93
20	Decreased Bacterial Diversity Characterizes the Altered Gut Microbiota in Patients With Psoriatic Arthritis, Resembling Dysbiosis in Inflammatory Bowel Disease. <i>Arthritis and Rheumatology</i> , 2015, 67, 128-139.	5.6	602
21	Increased Plasma IL-17F Levels in Rheumatoid Arthritis Patients Are Responsive to Methotrexate, Anti-TNF, and T Cell Costimulatory Modulation. <i>Inflammation</i> , 2015, 38, 180-186.	3.8	26
22	Deletion of Panx3 Prevents the Development of Surgically Induced Osteoarthritis. <i>Journal of Molecular Medicine</i> , 2015, 93, 845-856.	3.9	53
23	Elevated expression of periostin in human osteoarthritic cartilage and its potential role in matrix degradation via matrix metalloproteinase-13. <i>FASEB Journal</i> , 2015, 29, 4107-4121.	0.5	56
24	Age-dependent ferritin elevations and HFE C282Y mutation as risk factors for symptomatic knee osteoarthritis in males: a longitudinal cohort study. <i>BMC Musculoskeletal Disorders</i> , 2014, 15, 8.	1.9	34
25	Prognostic biomarkers in osteoarthritis. <i>Current Opinion in Rheumatology</i> , 2013, 25, 136-144.	4.3	126
26	Periodontal disease and the oral microbiota in new-onset rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2012, 64, 3083-3094.	6.7	399
27	Perturbation of nuclear lamin A causes cell death in chondrocytes. <i>Arthritis and Rheumatism</i> , 2012, 64, 1940-1949.	6.7	19
28	Activation of diverse eicosanoid pathways in osteoarthritic cartilage: a lipidomic and genomic analysis. <i>Bulletin of the NYU Hospital for Joint Diseases</i> , 2012, 70, 99-108.	0.7	13
29	Increased interleukin-1 $\beta$ gene expression in peripheral blood leukocytes is associated with increased pain and predicts risk for progression of symptomatic knee osteoarthritis. <i>Arthritis and Rheumatism</i> , 2011, 63, 1908-1917.	6.7	146
30	Quantitative magnetic resonance imaging evidence of synovial proliferation is associated with radiographic severity of knee osteoarthritis. <i>Arthritis and Rheumatism</i> , 2011, 63, 2983-2991.	6.7	114
31	Targeting the synovial tissue for treating osteoarthritis (OA): where is the evidence?. <i>Best Practice and Research in Clinical Rheumatology</i> , 2010, 24, 71-79.	3.3	69
32	The role of microRNA in rheumatoid arthritis and other autoimmune diseases. <i>Clinical Immunology</i> , 2010, 136, 1-15.	3.2	159
33	Protein Kinase C- $\delta$ Mediates Negative Feedback on Regulatory T Cell Function. <i>Science</i> , 2010, 328, 372-376.	12.6	261
34	Radiographic severity of knee osteoarthritis is conditional on interleukin 1 receptor antagonist gene variations. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, 856-861.	0.9	63
35	Developments in the scientific understanding of osteoarthritis. <i>Arthritis Research and Therapy</i> , 2009, 11, 227.	3.5	318
36	The antioxidant resveratrol protects against chondrocyte apoptosis via effects on mitochondrial polarization and ATP production. <i>Arthritis and Rheumatism</i> , 2008, 58, 2786-2797.	6.7	116

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37	Annexin-1 Mediates TNF- $\alpha$ -Stimulated Matrix Metalloproteinase Secretion from Rheumatoid Arthritis Synovial Fibroblasts. <i>Journal of Immunology</i> , 2008, 181, 2813-2820.	0.8	42
38	Prostaglandin E2 Exerts Catabolic Effects in Osteoarthritis Cartilage: Evidence for Signaling via the EP4 Receptor. <i>Journal of Immunology</i> , 2008, 181, 5082-5088.	0.8	180
39	Protein isoprenylation regulates secretion of matrix metalloproteinase 1 from rheumatoid synovial fibroblasts: Effects of statins and farnesyl and geranylgeranyl transferase inhibitors. <i>Arthritis and Rheumatism</i> , 2007, 56, 2840-2853.	6.7	18
40	Anticancer effects of licofelone (ML-3000) in prostate cancer cells. <i>Anticancer Research</i> , 2007, 27, 2393-402.	1.1	25
41	Classification of osteoarthritis biomarkers: a proposed approach. <i>Osteoarthritis and Cartilage</i> , 2006, 14, 723-727.	1.3	330
42	APRIL and BAFF Promote Increased Viability of Replicating Human B2 Cells via Mechanism Involving Cyclooxygenase 2. <i>Journal of Immunology</i> , 2006, 176, 6736-6751.	0.8	36
43	Prospects for disease modification in osteoarthritis. <i>Nature Clinical Practice Rheumatology</i> , 2006, 2, 304-312.	3.2	143
44	Resolution of Inflammation: Prostaglandin E2 Dissociates Nuclear Trafficking of Individual NF- $\kappa$ B Subunits (p65, p50) in Stimulated Rheumatoid Synovial Fibroblasts. <i>Journal of Immunology</i> , 2005, 175, 6924-6930.	0.8	119
45	Gene Mining and Functional Genomics in Human Osteoarthritis. <i>Current Genomics</i> , 2003, 4, 109-121.	1.6	2
46	Nitric oxide and inflammatory mediators in the perpetuation of osteoarthritis. <i>Current Rheumatology Reports</i> , 2001, 3, 535-541.	4.7	234
47	Model protocol to study pharmacogenomics in inflammatory diseases: Human rheumatoid arthritis. <i>Drug Development Research</i> , 2000, 49, 29-33.	2.9	2
48	COX-2, NO, and cartilage damage and repair. <i>Current Rheumatology Reports</i> , 2000, 2, 447-453.	4.7	128
49	Nitric Oxide Synthase/COX Cross-Talk: Nitric Oxide Activates COX-1 But Inhibits COX-2-Derived Prostaglandin Production. <i>Journal of Immunology</i> , 2000, 165, 1582-1587.	0.8	171
50	Nitric oxide synthase and cyclooxygenases. <i>Current Opinion in Rheumatology</i> , 1999, 11, 202-209.	4.3	157
51	Up-regulation of inducible nitric oxide synthase and production of nitric oxide by the swarm rat and human chondrosarcoma. <i>Journal of Orthopaedic Research</i> , 1998, 16, 667-674.	2.3	12
52	The mode of action of aspirin-like drugs: effect on inducible nitric oxide synthase.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 7926-7930.	7.1	275
53	The expression and regulation of nitric oxide synthase in human osteoarthritis-affected chondrocytes: evidence for up-regulated neuronal nitric oxide synthase.. <i>Journal of Experimental Medicine</i> , 1995, 182, 2097-2102.	8.5	247