

# Mukundan Attur

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/995880/mukundan-attur-publications-by-citations.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Decreased bacterial diversity characterizes the altered gut microbiota in patients with psoriatic arthritis, resembling dysbiosis in inflammatory bowel disease. <i>Arthritis and Rheumatology</i> , <b>2015</b> , 67, 128-35	9.5	434
49	Periodontal disease and the oral microbiota in new-onset rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , <b>2012</b> , 64, 3083-94		317
48	Classification of osteoarthritis biomarkers: a proposed approach. <i>Osteoarthritis and Cartilage</i> , <b>2006</b> , 14, 723-7	6.2	289
47	Developments in the scientific understanding of osteoarthritis. <i>Arthritis Research and Therapy</i> , <b>2009</b> , 11, 227	5.7	265
46	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> , <b>1995</b> , 92, 7926-30	11.5	247
45	Protein kinase C-theta mediates negative feedback on regulatory T cell function. <i>Science</i> , <b>2010</b> , 328, 372-6	33.3	232
44	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> , <b>1995</b> , 182, 2097-102	16.6	217
43	Nitric oxide and inflammatory mediators in the perpetuation of osteoarthritis. <i>Current Rheumatology Reports</i> , <b>2001</b> , 3, 535-41	4.9	205
42	Nitric oxide synthase/COX cross-talk: nitric oxide activates COX-1 but inhibits COX-2-derived prostaglandin production. <i>Journal of Immunology</i> , <b>2000</b> , 165, 1582-7	5.3	160
41	Prostaglandin E2 exerts catabolic effects in osteoarthritis cartilage: evidence for signaling via the EP4 receptor. <i>Journal of Immunology</i> , <b>2008</b> , 181, 5082-8	5.3	139
40	Nitric oxide synthase and cyclooxygenases: distribution, regulation, and intervention in arthritis. <i>Current Opinion in Rheumatology</i> , <b>1999</b> , 11, 202-9	5.3	135
39	The role of microRNA in rheumatoid arthritis and other autoimmune diseases. <i>Clinical Immunology</i> , <b>2010</b> , 136, 1-15	9	133
38	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> , <b>2011</b> , 63, 1908-17		116
37	Resolution of inflammation: prostaglandin E2 dissociates nuclear trafficking of individual NF-kappaB subunits (p65, p50) in stimulated rheumatoid synovial fibroblasts. <i>Journal of Immunology</i> , <b>2005</b> , 175, 6924-30	5.3	115
36	COX-2, NO, and cartilage damage and repair. <i>Current Rheumatology Reports</i> , <b>2000</b> , 2, 447-53	4.9	110
35	Prospects for disease modification in osteoarthritis. <i>Nature Clinical Practice Rheumatology</i> , <b>2006</b> , 2, 304-12		107
34	Prognostic biomarkers in osteoarthritis. <i>Current Opinion in Rheumatology</i> , <b>2013</b> , 25, 136-44	5.3	102

33	The antioxidant resveratrol protects against chondrocyte apoptosis via effects on mitochondrial polarization and ATP production. <i>Arthritis and Rheumatism</i> , <b>2008</b> , 58, 2786-97		95
32	Quantitative magnetic resonance imaging evidence of synovial proliferation is associated with radiographic severity of knee osteoarthritis. <i>Arthritis and Rheumatism</i> , <b>2011</b> , 63, 2983-91		88
31	Low-grade inflammation in symptomatic knee osteoarthritis: prognostic value of inflammatory plasma lipids and peripheral blood leukocyte biomarkers. <i>Arthritis and Rheumatology</i> , <b>2015</b> , 67, 2905-15	9.5	69
30	Targeting the synovial tissue for treating osteoarthritis (OA): where is the evidence?. <i>Best Practice and Research in Clinical Rheumatology</i> , <b>2010</b> , 24, 71-9	5.3	64
29	Radiographic severity of knee osteoarthritis is conditional on interleukin 1 receptor antagonist gene variations. <i>Annals of the Rheumatic Diseases</i> , <b>2010</b> , 69, 856-61	2.4	56
28	Annexin-1 mediates TNF-alpha-stimulated matrix metalloproteinase secretion from rheumatoid arthritis synovial fibroblasts. <i>Journal of Immunology</i> , <b>2008</b> , 181, 2813-20	5.3	40
27	APRIL and BAFF promote increased viability of replicating human B2 cells via mechanism involving cyclooxygenase 2. <i>Journal of Immunology</i> , <b>2006</b> , 176, 6736-51	5.3	34
26	Elevated expression of periostin in human osteoarthritic cartilage and its potential role in matrix degradation via matrix metalloproteinase-13. <i>FASEB Journal</i> , <b>2015</b> , 29, 4107-21	0.9	33
25	Deletion of Panx3 Prevents the Development of Surgically Induced Osteoarthritis. <i>Journal of Molecular Medicine</i> , <b>2015</b> , 93, 845-56	5.5	32
24	Serum Urate Levels Predict Joint Space Narrowing in Non-Gout Patients With Medial Knee Osteoarthritis. <i>Arthritis and Rheumatology</i> , <b>2017</b> , 69, 1213-1220	9.5	30
23	Increased plasma IL-17F levels in rheumatoid arthritis patients are responsive to methotrexate, anti-TNF, and T cell costimulatory modulation. <i>Inflammation</i> , <b>2015</b> , 38, 180-6	5.1	25
22	Anticancer effects of licofelone (ML-3000) in prostate cancer cells. <i>Anticancer Research</i> , <b>2007</b> , 27, 2393-403	4.3	25
21	Human chondrocyte migration behaviour to guide the development of engineered cartilage. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2017</b> , 11, 877-886	4.4	19
20	Increased Activity of the Chondrocyte Translational Apparatus Accompanies Osteoarthritic Changes in Human and Rodent Knee Cartilage. <i>Arthritis and Rheumatology</i> , <b>2017</b> , 69, 586-597	9.5	17
19	Interleukin 1 receptor antagonist ( ) gene variants predict radiographic severity of knee osteoarthritis and risk of incident disease. <i>Annals of the Rheumatic Diseases</i> , <b>2020</b> , 79, 400-407	2.4	16
18	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> , <b>2014</b> , 15, 8	2.8	16
17	Perturbation of nuclear lamin A causes cell death in chondrocytes. <i>Arthritis and Rheumatism</i> , <b>2012</b> , 64, 1940-9		14
16	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> , <b>2007</b> , 56, 2840-53		14

15	Activation of diverse eicosanoid pathways in osteoarthritic cartilage: a lipidomic and genomic analysis. <i>Bulletin of the NYU Hospital for Joint Diseases</i> , <b>2012</b> , 70, 99-108		13
14	Periostin interaction with discoidin domain receptor-1 (DDR1) promotes cartilage degeneration. <i>PLoS ONE</i> , <b>2020</b> , 15, e0231501	3.7	9
13	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> , <b>1998</b> , 16, 667-74	3.8	9
12	Vascular Adhesion Protein-1 (VAP-1) as Predictor of Radiographic Severity in Symptomatic Knee Osteoarthritis in the New York University Cohort. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	8
11	Cytokine preconditioning of engineered cartilage provides protection against interleukin-1 insult. <i>Arthritis Research and Therapy</i> , <b>2015</b> , 17, 361	5.7	6
10	A low cartilage formation and repair endotype predicts radiographic progression of symptomatic knee osteoarthritis. <i>Journal of Orthopaedics and Traumatology</i> , <b>2021</b> , 22, 10	5	6
9	The combination of an inflammatory peripheral blood gene expression and imaging biomarkers enhance prediction of radiographic progression in knee osteoarthritis. <i>Arthritis Research and Therapy</i> , <b>2020</b> , 22, 208	5.7	5
8	14-3-3 epsilon is an intracellular component of TNFR2 receptor complex and its activation protects against osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2021</b> , 80, 1615-1627	2.4	5
7	Membrane-type 1 Matrix Metalloproteinase Modulates Tissue Homeostasis by a Non-proteolytic Mechanism. <i>IScience</i> , <b>2020</b> , 23, 101789	6.1	4
6	Periostin loss-of-function protects mice from post-traumatic and age-related osteoarthritis. <i>Arthritis Research and Therapy</i> , <b>2021</b> , 23, 104	5.7	3
5	Model protocol to study pharmacogenomics in inflammatory diseases: Human rheumatoid arthritis. <i>Drug Development Research</i> , <b>2000</b> , 49, 29-33	5.1	1
4	Periostin interaction with discoidin domain receptor-1 (DDR1) promotes cartilage degeneration <b>2020</b> , 15, e0231501		
3	Periostin interaction with discoidin domain receptor-1 (DDR1) promotes cartilage degeneration <b>2020</b> , 15, e0231501		
2	Periostin interaction with discoidin domain receptor-1 (DDR1) promotes cartilage degeneration <b>2020</b> , 15, e0231501		
1	Periostin interaction with discoidin domain receptor-1 (DDR1) promotes cartilage degeneration <b>2020</b> , 15, e0231501		