# Mukundan Attur

## List of Publications by Year
in descending order

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|---|---|---|---|
| 53<br>papers | 5,053<br>citations | 172207<br>29<br>h-index | 197535<br>49<br>g-index |
| 59<br>all docs | 59<br>docs citations | 59<br>times ranked | 6939<br>citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Decreased Bacterial Diversity Characterizes the Altered Gut Microbiota in Patients With Psoriatic Arthritis, Resembling Dysbiosis in Inflammatory Bowel Disease. Arthritis and Rheumatology, 2015, 67, 128-139. | 2.9 | 602 |
| 2 | Periodontal disease and the oral microbiota in new‐onset rheumatoid arthritis. Arthritis and Rheumatism, 2012, 64, 3083-3094. | 6.7 | 399 |
| 3 | Classification of osteoarthritis biomarkers: a proposed approach. Osteoarthritis and Cartilage, 2006, 14, 723-727. | 0.6 | 330 |
| 4 | Developments in the scientific understanding of osteoarthritis. Arthritis Research and Therapy, 2009, 11, 227. | 1.6 | 318 |
| 5 | 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, 7926-7930. | 3.3 | 275 |
| 6 | Protein Kinase C-Î¸ Mediates Negative Feedback on Regulatory T Cell Function. Science, 2010, 328, 372-376. | 6.0 | 261 |
| 7 | 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, 2097-2102. | 4.2 | 247 |
| 8 | Nitric oxide and inflammatory mediators in the perpetuation of osteoarthritis. Current Rheumatology Reports, 2001, 3, 535-541. | 2.1 | 234 |
| 9 | Prostaglandin E2 Exerts Catabolic Effects in Osteoarthritis Cartilage: Evidence for Signaling via the EP4 Receptor. Journal of Immunology, 2008, 181, 5082-5088. | 0.4 | 180 |
| 10 | Nitric Oxide Synthase/COX Cross-Talk: Nitric Oxide Activates COX-1 But Inhibits COX-2-Derived Prostaglandin Production. Journal of Immunology, 2000, 165, 1582-1587. | 0.4 | 171 |
| 11 | The role of microRNA in rheumatoid arthritis and other autoimmune diseases. Clinical Immunology, 2010, 136, 1-15. | 1.4 | 159 |
| 12 | Nitric oxide synthase and cyclooxygenases. Current Opinion in Rheumatology, 1999, 11, 202-209. | 2.0 | 157 |
| 13 | Increased interleukin-1Î² 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, 1908-1917. | 6.7 | 146 |
| 14 | Prospects for disease modification in osteoarthritis. Nature Clinical Practice Rheumatology, 2006, 2, 304-312. | 3.2 | 143 |
| 15 | COX-2, NO, and cartilage damage and repair. Current Rheumatology Reports, 2000, 2, 447-453. | 2.1 | 128 |
| 16 | Prognostic biomarkers in osteoarthritis. Current Opinion in Rheumatology, 2013, 25, 136-144. | 2.0 | 126 |
| 17 | Resolution of Inflammation: Prostaglandin E2 Dissociates Nuclear Trafficking of Individual NF-Î°B Subunits (p65, p50) in Stimulated Rheumatoid Synovial Fibroblasts. Journal of Immunology, 2005, 175, 6924-6930. | 0.4 | 119 |
| 18 | The antioxidant resveratrol protects against chondrocyte apoptosis via effects on mitochondrial polarization and ATP production. Arthritis and Rheumatism, 2008, 58, 2786-2797. | 6.7 | 116 |

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|---|---------|----|-----------| 
| 19 | Quantitative magnetic resonance imaging evidence of synovial proliferation is associated with radiographic severity of knee osteoarthritis. Arthritis and Rheumatism, 2011, 63, 2983-2991. | 6.7 | 114 |
| 20 | Low‑Grade Inflammation in Symptomatic Knee Osteoarthritis: Prognostic Value of Inflammatory Plasma Lipids and Peripheral Blood Leukocyte Biomarkers. Arthritis and Rheumatology, 2015, 67, 2905-2915. | 2.9 | 93 |
| 21 | Targeting the synovial tissue for treating osteoarthritis (OA): where is the evidence?. Best Practice and Research in Clinical Rheumatology, 2010, 24, 71-79. | 1.4 | 69 |
| 22 | Radiographic severity of knee osteoarthritis is conditional on interleukin 1 receptor antagonist gene variations. Annals of the Rheumatic Diseases, 2010, 69, 856-861. | 0.5 | 63 |
| 23 | Elevated expression of periostin in human osteoarthritic cartilage and its potential role in matrix degradation <i>via</i> matrix metalloproteinase‑13. FASEB Journal, 2015, 29, 4107-4121. | 0.2 | 56 |
| 24 | Deletion of Panx3 Prevents the Development of Surgically Induced Osteoarthritis. Journal of Molecular Medicine, 2015, 93, 845-856. | 1.7 | 53 |
| 25 | Annexin-1 Mediates TNF-α-Stimulated Matrix Metalloproteinase Secretion from Rheumatoid Arthritis Synovial Fibroblasts. Journal of Immunology, 2008, 181, 2813-2820. | 0.4 | 42 |
| 26 | Serum Urate Levels Predict Joint Space Narrowing in Non‑Gout Patients With Medial Knee Osteoarthritis. Arthritis and Rheumatology, 2017, 69, 1213-1220. | 2.9 | 40 |
| 27 | APRIL and BAFF Promote Increased Viability of Replicating Human B2 Cells via Mechanism Involving Cyclooxygenase 2. Journal of Immunology, 2006, 176, 6736-6751. | 0.4 | 36 |
| 28 | 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. | 0.5 | 35 |
| 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. | 0.8 | 34 |
| 30 | 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. | 0.5 | 28 |
| 31 | Increased Plasma IL-17F Levels in Rheumatoid Arthritis Patients Are Responsive to Methotrexate, Anti-TNF, and T Cell Costimulatory Modulation. Inflammation, 2015, 38, 180-186. | 1.7 | 26 |
| 32 | Anticancer effects of licofelone (ML-3000) in prostate cancer cells. Anticancer Research, 2007, 27, 2393-402. | 0.5 | 25 |
| 33 | Human chondrocyte migration behaviour to guide the development of engineered cartilage. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 877-886. | 1.3 | 23 |
| 34 | Increased Activity of the Chondrocyte Translational Apparatus Accompanies Osteoarthritic Changes in Human and Rodent Knee Cartilage. Arthritis and Rheumatology, 2017, 69, 586-597. | 2.9 | 22 |
| 35 | Periostin loss-of-function protects mice from post-traumatic and age-related osteoarthritis. Arthritis Research and Therapy, 2021, 23, 104. | 1.6 | 22 |
| 36 | Periostin interaction with discoidin domain receptor-1 (DDR1) promotes cartilage degeneration. PLoS ONE, 2020, 15, e0231501. | 1.1 | 21 |

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|---|---------|----|-----------|
| 37 | Perturbation of nuclear lamin A causes cell death in chondrocytes. Arthritis and Rheumatism, 2012, 64, 1940-1949. | 6.7 | 19 |
| 38 | A low cartilage formation and repair endotype predicts radiographic progression of symptomatic knee osteoarthritis. Journal of Orthopaedics and Traumatology, 2021, 22, 10. | 1.0 | 19 |
| 39 | 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, 2840-2853. | 6.7 | 18 |
| 40 | 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. | 1.8 | 14 |
| 41 | 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. | 0.7 | 13 |
| 42 | 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, 667-674. | 1.2 | 12 |
| 43 | Membrane-type 1 Matrix Metalloproteinase Modulates Tissue Homeostasis by a Non-proteolytic Mechanism. IScience, 2020, 23, 101789. | 1.9 | 11 |
| 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. | 1.6 | 11 |
| 45 | Interferon pathway lupus risk alleles modulate risk of death from acute COVID-19. Translational Research, 2022, 244, 47-55. | 2.2 | 9 |
| 46 | Cytokine preconditioning of engineered cartilage provides protection against interleukin-1 insult. Arthritis Research and Therapy, 2015, 17, 361. | 1.6 | 8 |
| 47 | Model protocol to study pharmacogenomics in inflammatory diseases: Human rheumatoid arthritis. Drug Development Research, 2000, 49, 29-33. | 1.4 | 2 |
| 48 | Gene Mining and Functional Genomics in Human Osteoarthritis. Current Genomics, 2003, 4, 109-121. | 0.7 | 2 |
| 49 | Translational control maintains cartilage homeostasis and regulates osteoarthritis progression. Osteoarthritis and Cartilage, 2019, 27, S187. | 0.6 | 0 |
| 50 | Periostin interaction with discoidin domain receptor-1 (DDR1) promotes cartilage degeneration. , 2020, 15, e0231501. | | 0 |
| 51 | Periostin interaction with discoidin domain receptor-1 (DDR1) promotes cartilage degeneration. , 2020, 15, e0231501. | | 0 |
| 52 | Periostin interaction with discoidin domain receptor-1 (DDR1) promotes cartilage degeneration. , 2020, 15, e0231501. | | 0 |
| 53 | Periostin interaction with discoidin domain receptor-1 (DDR1) promotes cartilage degeneration. , 2020, 15, e0231501. | | 0 |