

# Prakash Ramachandran

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

5,709  
citations

304743

22  
h-index

361022

35  
g-index

45  
all docs

45  
docs citations

45  
times ranked

8852  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Liver fibrosis and repair: immune regulation of wound healing in a solid organ. <i>Nature Reviews Immunology</i> , 2014, 14, 181-194.  | 22.7 | 1,054     |
| 2  | Resolving the fibrotic niche of human liver cirrhosis at single-cell level. <i>Nature</i> , 2019, 575, 512-518.  | 27.8 | 946       |
| 3  | Differential Ly-6C expression identifies the recruited macrophage phenotype, which orchestrates the regression of murine liver fibrosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E3186-95. | 7.1  | 793       |
| 4  | Macrophage-derived Wnt opposes Notch signaling to specify hepatic progenitor cell fate in chronic liver disease. <i>Nature Medicine</i> , 2012, 18, 572-579.   | 30.7 | 624       |
| 5  | Ly6C <sup>hi</sup> Monocytes Direct Alternatively Activated Profibrotic Macrophage Regulation of Lung Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 184, 569-581.  | 5.6  | 383       |
| 6  | Macrophage therapy for murine liver fibrosis recruits host effector cells improving fibrosis, regeneration, and function. <i>Hepatology</i> , 2011, 53, 2003-2015.   | 7.3  | 278       |
| 7  | Single-Cell Transcriptomics Uncovers Zonation of Function in the Mesenchyme during Liver Fibrosis. <i>Cell Reports</i> , 2019, 29, 1832-1847.e8.   | 6.4  | 261       |
| 8  | Elastin accumulation is regulated at the level of degradation by macrophage metalloelastase (MMP-12) during experimental liver fibrosis. <i>Hepatology</i> , 2012, 55, 1965-1975.  | 7.3  | 158       |
| 9  | Single-cell technologies in hepatology: new insights into liver biology and disease pathogenesis. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2020, 17, 457-472.   | 17.8 | 152       |
| 10 | Kidney Single-Cell Atlas Reveals Myeloid Heterogeneity in Progression and Regression of Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 2833-2854.  | 6.1  | 113       |
| 11 | Resolution of Liver Fibrosis: Basic Mechanisms and Clinical Relevance. <i>Seminars in Liver Disease</i> , 2015, 35, 119-131.   | 3.6  | 96        |
| 12 | Macrophages: Central regulators of hepatic fibrogenesis and fibrosis resolution. <i>Journal of Hepatology</i> , 2012, 56, 1417-1419.   | 3.7  | 94        |
| 13 | Reversibility of liver fibrosis. <i>Annals of Hepatology</i> , 2009, 8, 283-291.   | 1.5  | 88        |
| 14 | Reversibility of liver fibrosis. <i>Fibrogenesis and Tissue Repair</i> , 2012, 5, S26.   | 3.4  | 88        |
| 15 | Liver fibrosis: a bidirectional model of fibrogenesis and resolution. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2012, 105, 813-817.  | 0.5  | 87        |
| 16 | <sc>UK</sc> consensus guidelines for the use of the protease inhibitors boceprevir and telaprevir in genotype 1 chronic hepatitis <sc>C</sc> infected patients. <i>Alimentary Pharmacology and Therapeutics</i> , 2012, 35, 647-662.                   | 3.7  | 76        |
| 17 | Sphingosine-1-Phosphate Prevents Egress of Hematopoietic Stem Cells From Liver to Reduce Fibrosis. <i>Gastroenterology</i> , 2017, 153, 233-248.e16.   | 1.3  | 48        |
| 18 | Serelaxin as a potential treatment for renal dysfunction in cirrhosis: Preclinical evaluation and results of a randomized phase 2 trial. <i>PLoS Medicine</i> , 2017, 14, e1002248.  | 8.4  | 45        |

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|----|---|------|-----------|
| 19 | Single-cell analyses and machine learning define hematopoietic progenitor and HSC-like cells derived from human PSCs. <i>Blood</i> , 2020, 136, 2893-2904.                      | 1.4  | 44        |
| 20 | Reversibility of liver fibrosis. <i>Annals of Hepatology</i> , 2009, 8, 283-91.   | 1.5  | 42        |
| 21 | Antifibrotics in chronic liver disease: tractable targets and translational challenges. <i>The Lancet Gastroenterology and Hepatology</i> , 2016, 1, 328-340.                   | 8.1  | 36        |
| 22 | Genome-wide Association Study of NAFLD Using Electronic Health Records. <i>Hepatology Communications</i> , 2022, 6, 297-308.  | 4.3  | 33        |
| 23 | Role of Tim4 in the regulation of ABCA1+ adipose tissue macrophages and post-prandial cholesterol levels. <i>Nature Communications</i> , 2021, 12, 4434.                        | 12.8 | 27        |
| 24 | CRIg on liver macrophages clears pathobionts and protects against alcoholic liver disease. <i>Nature Communications</i> , 2021, 12, 7172.                                       | 12.8 | 22        |
| 25 | 11Beta-hydroxysteroid dehydrogenase-1 deficiency or inhibition enhances hepatic myofibroblast activation in murine liver fibrosis. <i>Hepatology</i> , 2018, 67, 2167-2181.     | 7.3  | 21        |
| 26 | Macrophages as key regulators of liver health and disease. <i>International Review of Cell and Molecular Biology</i> , 2022, , 143-212.   | 3.2  | 18        |
| 27 | Immune cell regulation of liver regeneration and repair. <i>Journal of Immunology and Regenerative Medicine</i> , 2018, 2, 1-10.  | 0.4  | 13        |
| 28 | Deciphering Mesenchymal Drivers of Human Dupuytren's Disease at Single-Cell Level. <i>Journal of Investigative Dermatology</i> , 2022, 142, 114-123.e8.                         | 0.7  | 12        |
| 29 | Genome-wide analysis identifies gallstone susceptibility loci including genes regulating gastrointestinal motility. <i>Hepatology</i> , 2022, 75, 1081-1094.                    | 7.3  | 12        |
| 30 | Single-cell RNA-seq reveals CD16- monocytes as key regulators of human monocyte transcriptional response to <i>Toxoplasma</i> . <i>Scientific Reports</i> , 2020, 10, 21047.    | 3.3  | 8         |
| 31 | A relaxin-based nanotherapy for liver fibrosis. <i>Nature Nanotechnology</i> , 2021, 16, 365-366.   | 31.5 | 8         |
| 32 | Studies of macrophage therapy for cirrhosis – From mice to men. <i>Journal of Hepatology</i> , 2018, 68, 1090-1091.   | 3.7  | 3         |
| 33 | Decompensated liver cirrhosis. <i>Anaesthesia and Intensive Care Medicine</i> , 2015, 16, 180-185.  | 0.2  | 2         |
| 34 | PWE-136...Hepatocellular Cancer Detected In The Cirrhosis Surveillance Programme Have Better Outcomes Than Those Diagnosed Symptomatically. <i>Gut</i> , 2014, 63, A184.2-A184. | 12.1 | 1         |
| 35 | Liver fibrosis and repair: immune regulation of wound healing in a solid organ. , 0, .  |      | 1         |
| 36 | Focusing on the patient: impact of new UK guidelines on treatment of chronic hepatitis C. <i>Expert Review of Gastroenterology and Hepatology</i> , 2012, 6, 259-261.           | 3.0  | 0         |

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|----|--|------|-----------|
| 37 | PWE-146â€¦Relaxinâ€¦Is a Renal Vasodilator in Experimental Models of Cirrhosis and A Potential Novel Therapy for Hepatorenal Syndrome in Humans. Gut, 2013, 62, A190.3-A191. | 12.1 | 0         |
| 38 | Single Cell Sequencing Reveals Heterogeneity Of Adventitial Mesenchymal Cells In Healthy Mice. Atherosclerosis, 2019, 287, e49.  | 0.8  | 0         |
| 39 | Stem Cell Therapy in the Context of Chronic Liver Disease. , 2012, , 1-6.  |      | 0         |