

# Frederick J Sheedy

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

8,836  
citations

257101

24  
h-index

454577

30  
g-index

31  
all docs

31  
docs citations

31  
times ranked

14698  
citing authors

#	ARTICLE	IF	CITATIONS
1	Macrophages in atherosclerosis: a dynamic balance. <i>Nature Reviews Immunology</i> , 2013, 13, 709-721.	10.6	1,927
2	Pyruvate Kinase M2 Regulates Hif-1 $\alpha$ Activity and IL-1 $\beta$ Induction and Is a Critical Determinant of the Warburg Effect in LPS-Activated Macrophages. <i>Cell Metabolism</i> , 2015, 21, 65-80.	7.2	887
3	Negative regulation of TLR4 via targeting of the proinflammatory tumor suppressor PDCD4 by the microRNA miR-21. <i>Nature Immunology</i> , 2010, 11, 141-147.	7.0	878
4	MicroRNAs: the fine-tuners of Toll-like receptor signalling. <i>Nature Reviews Immunology</i> , 2011, 11, 163-175.	10.6	800
5	CD36 coordinates NLRP3 inflammasome activation by facilitating intracellular nucleation of soluble ligands into particulate ligands in sterile inflammation. <i>Nature Immunology</i> , 2013, 14, 812-820.	7.0	746
6	Inhibition of miR-33a/b in non-human primates raises plasma HDL and lowers VLDL triglycerides. <i>Nature</i> , 2011, 478, 404-407.	13.7	647
7	Antagonism of miR-33 in mice promotes reverse cholesterol transport and regression of atherosclerosis. <i>Journal of Clinical Investigation</i> , 2011, 121, 2921-2931.	3.9	609
8	Turning 21: Induction of miR-21 as a Key Switch in the Inflammatory Response. <i>Frontiers in Immunology</i> , 2015, 6, 19.	2.2	379
9	MicroRNA-33 $\alpha$ -dependent regulation of macrophage metabolism directs immune cell polarization in atherosclerosis. <i>Journal of Clinical Investigation</i> , 2015, 125, 4334-4348.	3.9	304
10	Mycobacterium tuberculosis induces the miR-33 locus to reprogram autophagy and host lipid metabolism. <i>Nature Immunology</i> , 2016, 17, 677-686.	7.0	295
11	IL-10 Inhibits miR-155 Induction by Toll-like Receptors. <i>Journal of Biological Chemistry</i> , 2010, 285, 20492-20498.	1.6	247
12	Cutting Edge: Mycobacterium tuberculosis Induces Aerobic Glycolysis in Human Alveolar Macrophages That Is Required for Control of Intracellular Bacillary Replication. <i>Journal of Immunology</i> , 2016, 196, 2444-2449.	0.4	236
13	Netrin-1 promotes adipose tissue macrophage retention and insulin resistance in obesity. <i>Nature Medicine</i> , 2014, 20, 377-384.	15.2	213
14	Mycobacterium tuberculosis Limits Host Glycolysis and IL-1 $\beta$ by Restriction of PFK-M via MicroRNA-21. <i>Cell Reports</i> , 2020, 30, 124-136.e4.	2.9	97
15	Toll-like Receptor-4 (TLR4) Down-regulates MicroRNA-107, Increasing Macrophage Adhesion via Cyclin-dependent Kinase 6. <i>Journal of Biological Chemistry</i> , 2011, 286, 25531-25539.	1.6	56
16	The Troll in Toll: Mal and Tram as bridges for TLR2 and TLR4 signaling. <i>Journal of Leukocyte Biology</i> , 2007, 82, 196-203.	1.5	54
17	Metabolic reprogramming & inflammation: Fuelling the host response to pathogens. <i>Seminars in Immunology</i> , 2016, 28, 450-468.	2.7	53
18	IL-1 signaling in atherosclerosis: sibling rivalry. <i>Nature Immunology</i> , 2013, 14, 1030-1032.	7.0	49

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19	Cigarette Smoking Impairs the Bioenergetic Immune Response to <i>Mycobacterium tuberculosis</i> Infection. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 59, 572-579.	1.4	47
20	Regulating metabolic inflammation by nutritional modulation. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 706-720.	1.5	42
21	The Mal/TIRAP S180L and TLR4 G299D polymorphisms are not associated with susceptibility to, or severity of, rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2007, 67, 1328-1331.	0.5	36
22	Targeting immunometabolism in host defence against <i>Mycobacterium tuberculosis</i> . <i>Immunology</i> , 2021, 162, 145-159.	2.0	34
23	TIRAP Ser180Leu polymorphism is associated with Behcet's disease. <i>Rheumatology</i> , 2011, 50, 1760-1765.	0.9	31
24	A Common Variant in the Adaptor Mal Regulates Interferon Gamma Signaling. <i>Immunity</i> , 2016, 44, 368-379.	6.6	30
25	Obesity, COVID-19 and innate immunometabolism. <i>British Journal of Nutrition</i> , 2021, 125, 628-632.	1.2	21
26	Train to Lose: Innate Immune Memory in Metaflammation. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e1900480.	1.5	6
27	An Army Marches on Its Stomach: Metabolic Intermediates as Antimicrobial Mediators in <i>Mycobacterium tuberculosis</i> Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 446.	1.8	5
28	miR-21 alters circulating Treg function in vascular disease—hope for restoring immunoregulatory responses in atherosclerosis?. <i>Annals of Translational Medicine</i> , 2017, 5, 21-21.	0.7	5
29	Phagocyte metabolism: neutrophils have their cake but don't eat it. <i>Trends in Immunology</i> , 2021, 42, 846-848.	2.9	3
30	Shields Up—Systemic Protection Provided by microRNA-21 During Sepsis?*. <i>Critical Care Medicine</i> , 2017, 45, 1261-1263.	0.4	0