

Nan Chiang

List of Publications by Citations

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

51
papers

9,652
citations

33
h-index

55
g-index

55
ext. papers

11,297
ext. citations

9.4
avg. IF

6.47
L-index

#	Paper	IF	Citations
51	Resolving inflammation: dual anti-inflammatory and pro-resolution lipid mediators. <i>Nature Reviews Immunology</i> , 2008 , 8, 349-61	36.5	2096
50	Novel functional sets of lipid-derived mediators with antiinflammatory actions generated from omega-3 fatty acids via cyclooxygenase 2-nonsteroidal antiinflammatory drugs and transcellular processing. <i>Journal of Experimental Medicine</i> , 2000 , 192, 1197-204	16.6	910
49	Resolvin E1 and protectin D1 activate inflammation-resolution programmes. <i>Nature</i> , 2007 , 447, 869-74	50.4	904
48	Resolvin D1 binds human phagocytes with evidence for proresolving receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 1660-5	11.5	539
47	Resolvin E1 selectively interacts with leukotriene B4 receptor BLT1 and ChemR23 to regulate inflammation. <i>Journal of Immunology</i> , 2007 , 178, 3912-7	5.3	472
46	Infection regulates pro-resolving mediators that lower antibiotic requirements. <i>Nature</i> , 2012 , 484, 524-8	50.4	461
45	THE CONCISE GUIDE TO PHARMACOLOGY 2019/20: G protein-coupled receptors. <i>British Journal of Pharmacology</i> , 2019 , 176 Suppl 1, S21-S141	8.6	391
44	The resolution code of acute inflammation: Novel pro-resolving lipid mediators in resolution. <i>Seminars in Immunology</i> , 2015 , 27, 200-15	10.7	343
43	Identification and signature profiles for pro-resolving and inflammatory lipid mediators in human tissue. <i>American Journal of Physiology - Cell Physiology</i> , 2014 , 307, C39-54	5.4	309
42	Protectins and maresins: New pro-resolving families of mediators in acute inflammation and resolution bioactive metabolome. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015 , 1851, 397-413	5	282
41	Lipid mediators in the resolution of inflammation. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014 , 7, a016311	10.2	273
40	Identification of resolvin D2 receptor mediating resolution of infections and organ protection. <i>Journal of Experimental Medicine</i> , 2015 , 212, 1203-17	16.6	231
39	MicroRNAs in resolution of acute inflammation: identification of novel resolvin D1-miRNA circuits. <i>FASEB Journal</i> , 2011 , 25, 544-60	0.9	224
38	Anti-inflammatory circuitry: lipoxin, aspirin-triggered lipoxins and their receptor ALX. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2005 , 73, 163-77	2.8	186
37	Structural elucidation and physiologic functions of specialized pro-resolving mediators and their receptors. <i>Molecular Aspects of Medicine</i> , 2017 , 58, 114-129	16.7	183
36	Resolvin D3 and aspirin-triggered resolvin D3 are potent immunoresolvents. <i>Chemistry and Biology</i> , 2013 , 20, 188-201		174
35	Elucidation of novel 13-series resolvins that increase with atorvastatin and clear infections. <i>Nature Medicine</i> , 2015 , 21, 1071-5	50.5	162

34	Oxidoreductases in lipoxin A4 metabolic inactivation: a novel role for 15-onoprostaglandin 13-reductase/leukotriene B4 12-hydroxydehydrogenase in inflammation. <i>Journal of Biological Chemistry</i> , 2000 , 275, 25372-80	5.4	145
33	New pro-resolving n-3 mediators bridge resolution of infectious inflammation to tissue regeneration. <i>Molecular Aspects of Medicine</i> , 2018 , 64, 1-17	16.7	134
32	Human macrophages differentially produce specific resolvin or leukotriene signals that depend on bacterial pathogenicity. <i>Nature Communications</i> , 2018 , 9, 59	17.4	132
31	Inhaled carbon monoxide accelerates resolution of inflammation via unique proresolving mediator-heme oxygenase-1 circuits. <i>Journal of Immunology</i> , 2013 , 190, 6378-88	5.3	94
30	Specialized pro-resolving mediator network: an update on production and actions. <i>Essays in Biochemistry</i> , 2020 , 64, 443-462	7.6	89
29	Identification of 14-series sulfido-conjugated mediators that promote resolution of infection and organ protection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E4753-61	11.5	86
28	Maresin 1 activates LGR6 receptor promoting phagocyte immunoresolvent functions. <i>Journal of Clinical Investigation</i> , 2019 , 129, 5294-5311	15.9	86
27	Specialized proresolving lipid mediators in patients with coronary artery disease and their potential for clot remodeling. <i>FASEB Journal</i> , 2016 , 30, 2792-801	0.9	85
26	Resolvin D4 stereoassignment and its novel actions in host protection and bacterial clearance. <i>Scientific Reports</i> , 2016 , 6, 18972	4.9	64
25	Aspirin has a gender-dependent impact on antiinflammatory 15-epi-lipoxin A4 formation: a randomized human trial. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, e14-7	9.4	59
24	Formation of endogenous "antiinflammatory" lipid mediators by transcellular biosynthesis. Lipoxins and aspirin-triggered lipoxins inhibit neutrophil recruitment and vascular permeability. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000 , 161, S95-S101	10.2	51
23	Identification and Actions of the Maresin 1 Metabolome in Infectious Inflammation. <i>Journal of Immunology</i> , 2016 , 197, 4444-4452	5.3	50
22	Proresolving actions of a new resolvin D1 analog mimetic qualifies as an immunoresolvent. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015 , 308, L904-11	5.8	49
21	Maresin 1 Biosynthesis and Proresolving Anti-infective Functions with Human-Localized Aggressive Periodontitis Leukocytes. <i>Infection and Immunity</i> , 2015 , 84, 658-65	3.7	49
20	THE CONCISE GUIDE TO PHARMACOLOGY 2021/22: G protein-coupled receptors. <i>British Journal of Pharmacology</i> , 2021 , 178 Suppl 1, S27-S156	8.6	46
19	A cluster of immunoresolvents links coagulation to innate host defense in human blood. <i>Science Signaling</i> , 2017 , 10,	8.8	39
18	Identification and Complete Stereochemical Assignments of the New Resolvin Conjugates in Tissue Regeneration in Human Tissues that Stimulate Proresolving Phagocyte Functions and Tissue Regeneration. <i>American Journal of Pathology</i> , 2018 , 188, 950-966	5.8	33
17	Biosynthesis of D-Series Resolvins in Skin Provides Insights into their Role in Tissue Repair. <i>Journal of Investigative Dermatology</i> , 2018 , 138, 2051-2060	4.3	32

16	Cutting edge: Parathyroid hormone facilitates macrophage efferocytosis in bone marrow via proresolving mediators resolvin D1 and resolvin D2. <i>Journal of Immunology</i> , 2014 , 193, 26-9	5.3	31
15	New maresin conjugates in tissue regeneration pathway counters leukotriene D-stimulated vascular responses. <i>FASEB Journal</i> , 2018 , 32, 4043-4052	0.9	24
14	Specific oxylipins enhance vertebrate hematopoiesis via the receptor GPR132. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 9252-9257	11.5	23
13	Cell-cell interaction in the transcellular biosynthesis of novel omega-3-derived lipid mediators. <i>Methods in Molecular Biology</i> , 2006 , 341, 227-50	1.4	21
12	Identification of Chemotype Agonists for Human Resolvin D1 Receptor DRV1 with Pro-Resolving Functions. <i>Cell Chemical Biology</i> , 2019 , 26, 244-254.e4	8.2	16
11	Structural insights into Resolvin D4 actions and further metabolites via a new total organic synthesis and validation. <i>Journal of Leukocyte Biology</i> , 2018 , 103, 995	6.5	15
10	Aspirin triggers formation of anti-inflammatory mediators: New mechanism for an old drug. <i>Discovery Medicine</i> , 2004 , 4, 470-5	2.5	14
9	New mechanism for an old drug: aspirin triggers anti-inflammatory lipid mediators with gender implications. <i>Comprehensive Therapy</i> , 2006 , 32, 150-7		13
8	Resolving Inflammation: Synthesis, Configurational Assignment, and Biological Evaluations of RvD1. <i>Chemistry - A European Journal</i> , 2019 , 25, 1476-1480	4.8	10
7	Polyunsaturated fatty acids and fatty acid-derived lipid mediators: Recent advances in the understanding of their biosynthesis, structures, and functions.. <i>Progress in Lipid Research</i> , 2022 , 86, 101165	14.3	10
6	Cysteinyl-specialized proresolving mediators link resolution of infectious inflammation and tissue regeneration via TRAF3 activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	8
5	Resolvin T-series Reduce Neutrophil Extracellular Traps. <i>Blood</i> , 2021 ,	2.2	3
4	Temporal Regulation of Pro-Resolving Mediators and MicroRNA in Self-Limited versus Delayed Resolution of Acute Inflammation. <i>FASEB Journal</i> , 2013 , 27, 816.4	0.9	
3	Resolvin D1 Receptor Activation Counter-regulates H1 histamine receptors in human and rat conjunctival goblet cells. <i>FASEB Journal</i> , 2013 , 27, 132.6	0.9	
2	Inhaled Carbon Monoxide Accelerates Resolution of Inflammation via Novel Pro-resolving Mediators and Heme Oxygenase-1. <i>FASEB Journal</i> , 2013 , 27, 649.2	0.9	
1	Resolvin D1 and Resolvin D5 Lower Antibiotic Doses in Infection. <i>FASEB Journal</i> , 2013 , 27, 138.9	0.9	