

# Nan Chiang

## List of Publications by Year in Descending Order

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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	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> , <b>2022</b> , 86, 101165	14.3	10
50	Resolvin T-series Reduce Neutrophil Extracellular Traps. <i>Blood</i> , <b>2021</b> ,	2.2	3
49	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> , <b>2021</b> , 118,	11.5	8
48	THE CONCISE GUIDE TO PHARMACOLOGY 2021/22: G protein-coupled receptors. <i>British Journal of Pharmacology</i> , <b>2021</b> , 178 Suppl 1, S27-S156	8.6	46
47	Specialized pro-resolving mediator network: an update on production and actions. <i>Essays in Biochemistry</i> , <b>2020</b> , 64, 443-462	7.6	89
46	THE CONCISE GUIDE TO PHARMACOLOGY 2019/20: G protein-coupled receptors. <i>British Journal of Pharmacology</i> , <b>2019</b> , 176 Suppl 1, S21-S141	8.6	391
45	Maresin 1 activates LGR6 receptor promoting phagocyte immunoresolvent functions. <i>Journal of Clinical Investigation</i> , <b>2019</b> , 129, 5294-5311	15.9	86
44	Identification of Chemotype Agonists for Human Resolvin D1 Receptor DRV1 with Pro-Resolving Functions. <i>Cell Chemical Biology</i> , <b>2019</b> , 26, 244-254.e4	8.2	16
43	Resolving Inflammation: Synthesis, Configurational Assignment, and Biological Evaluations of RvD1. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 1476-1480	4.8	10
42	Structural insights into Resolvin D4 actions and further metabolites via a new total organic synthesis and validation. <i>Journal of Leukocyte Biology</i> , <b>2018</b> , 103, 995	6.5	15
41	Human macrophages differentially produce specific resolvin or leukotriene signals that depend on bacterial pathogenicity. <i>Nature Communications</i> , <b>2018</b> , 9, 59	17.4	132
40	Biosynthesis of D-Series Resolvins in Skin Provides Insights into their Role in Tissue Repair. <i>Journal of Investigative Dermatology</i> , <b>2018</b> , 138, 2051-2060	4.3	32
39	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> , <b>2018</b> , 188, 950-966	5.8	33
38	New pro-resolving n-3 mediators bridge resolution of infectious inflammation to tissue regeneration. <i>Molecular Aspects of Medicine</i> , <b>2018</b> , 64, 1-17	16.7	134
37	New maresin conjugates in tissue regeneration pathway counters leukotriene D-stimulated vascular responses. <i>FASEB Journal</i> , <b>2018</b> , 32, 4043-4052	0.9	24
36	Specific oxylipins enhance vertebrate hematopoiesis via the receptor GPR132. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 9252-9257	11.5	23
35	Structural elucidation and physiologic functions of specialized pro-resolving mediators and their receptors. <i>Molecular Aspects of Medicine</i> , <b>2017</b> , 58, 114-129	16.7	183

34	A cluster of immunoresolvents links coagulation to innate host defense in human blood. <i>Science Signaling</i> , <b>2017</b> , 10,	8.8	39
33	Resolvin D4 stereoassignment and its novel actions in host protection and bacterial clearance. <i>Scientific Reports</i> , <b>2016</b> , 6, 18972	4.9	64
32	Identification and Actions of the Maresin 1 Metabolome in Infectious Inflammation. <i>Journal of Immunology</i> , <b>2016</b> , 197, 4444-4452	5.3	50
31	Specialized proresolving lipid mediators in patients with coronary artery disease and their potential for clot remodeling. <i>FASEB Journal</i> , <b>2016</b> , 30, 2792-801	0.9	85
30	Elucidation of novel 13-series resolvins that increase with atorvastatin and clear infections. <i>Nature Medicine</i> , <b>2015</b> , 21, 1071-5	50.5	162
29	Identification of resolvin D2 receptor mediating resolution of infections and organ protection. <i>Journal of Experimental Medicine</i> , <b>2015</b> , 212, 1203-17	16.6	231
28	The resolution code of acute inflammation: Novel pro-resolving lipid mediators in resolution. <i>Seminars in Immunology</i> , <b>2015</b> , 27, 200-15	10.7	343
27	Proresolving actions of a new resolvin D1 analog mimetic qualifies as an immunoresolvent. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2015</b> , 308, L904-11	5.8	49
26	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> , <b>2015</b> , 1851, 397-413	5	282
25	Maresin 1 Biosynthesis and Proresolving Anti-infective Functions with Human-Localized Aggressive Periodontitis Leukocytes. <i>Infection and Immunity</i> , <b>2015</b> , 84, 658-65	3.7	49
24	Lipid mediators in the resolution of inflammation. <i>Cold Spring Harbor Perspectives in Biology</i> , <b>2014</b> , 7, a016311	10.2	273
23	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> , <b>2014</b> , 111, E4753-61	11.5	86
22	Identification and signature profiles for pro-resolving and inflammatory lipid mediators in human tissue. <i>American Journal of Physiology - Cell Physiology</i> , <b>2014</b> , 307, C39-54	5.4	309
21	Cutting edge: Parathyroid hormone facilitates macrophage efferocytosis in bone marrow via proresolving mediators resolvin D1 and resolvin D2. <i>Journal of Immunology</i> , <b>2014</b> , 193, 26-9	5.3	31
20	Resolvin D3 and aspirin-triggered resolvin D3 are potent immunoresolvents. <i>Chemistry and Biology</i> , <b>2013</b> , 20, 188-201		174
19	Inhaled carbon monoxide accelerates resolution of inflammation via unique proresolving mediator-heme oxygenase-1 circuits. <i>Journal of Immunology</i> , <b>2013</b> , 190, 6378-88	5.3	94
18	Temporal Regulation of Pro-Resolving Mediators and MicroRNA in Self-Limited versus Delayed Resolution of Acute Inflammation. <i>FASEB Journal</i> , <b>2013</b> , 27, 816.4	0.9	
17	Resolvin D1 Receptor Activation Counter-regulates H1 histamine receptors in human and rat conjunctival goblet cells. <i>FASEB Journal</i> , <b>2013</b> , 27, 132.6	0.9	

16	Inhaled Carbon Monoxide Accelerates Resolution of Inflammation via Novel Pro-resolving Mediators and Heme Oxygenase-1. <i>FASEB Journal</i> , <b>2013</b> , 27, 649-2	0.9	
15	Resolvin D1 and Resolvin D5 Lower Antibiotic Doses in Infection. <i>FASEB Journal</i> , <b>2013</b> , 27, 138-9	0.9	
14	Infection regulates pro-resolving mediators that lower antibiotic requirements. <i>Nature</i> , <b>2012</b> , 484, 524-8	50.4	461
13	MicroRNAs in resolution of acute inflammation: identification of novel resolvin D1-miRNA circuits. <i>FASEB Journal</i> , <b>2011</b> , 25, 544-60	0.9	224
12	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> , <b>2010</b> , 107, 1660-5	11.5	539
11	Resolving inflammation: dual anti-inflammatory and pro-resolution lipid mediators. <i>Nature Reviews Immunology</i> , <b>2008</b> , 8, 349-61	36.5	2096
10	Resolvin E1 selectively interacts with leukotriene B4 receptor BLT1 and ChemR23 to regulate inflammation. <i>Journal of Immunology</i> , <b>2007</b> , 178, 3912-7	5.3	472
9	Resolvin E1 and protectin D1 activate inflammation-resolution programmes. <i>Nature</i> , <b>2007</b> , 447, 869-74	50.4	904
8	New mechanism for an old drug: aspirin triggers anti-inflammatory lipid mediators with gender implications. <i>Comprehensive Therapy</i> , <b>2006</b> , 32, 150-7		13
7	Aspirin has a gender-dependent impact on antiinflammatory 15-epi-lipoxin A4 formation: a randomized human trial. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2006</b> , 26, e14-7	9.4	59
6	Cell-cell interaction in the transcellular biosynthesis of novel omega-3-derived lipid mediators. <i>Methods in Molecular Biology</i> , <b>2006</b> , 341, 227-50	1.4	21
5	Anti-inflammatory circuitry: lipoxin, aspirin-triggered lipoxins and their receptor ALX. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , <b>2005</b> , 73, 163-77	2.8	186
4	Aspirin triggers formation of anti-inflammatory mediators: New mechanism for an old drug. <i>Discovery Medicine</i> , <b>2004</b> , 4, 470-5	2.5	14
3	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> , <b>2000</b> , 275, 25372-80	5.4	145
2	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> , <b>2000</b> , 161, S95-S101	10.2	51
1	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> , <b>2000</b> , 192, 1197-204	16.6	910