

Nan Chiang

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

12,544
citations

94433

37
h-index

206112

48
g-index

55
all docs

55
docs citations

55
times ranked

12242
citing authors

#	ARTICLE	IF	CITATIONS
1	Resolving inflammation: dual anti-inflammatory and pro-resolution lipid mediators. <i>Nature Reviews Immunology</i> , 2008, 8, 349-361.	22.7	2,492
2	Novel Functional Sets of Lipid-Derived Mediators with Antiinflammatory Actions Generated from Omega-3 Fatty Acids via Cyclooxygenase 2â€“Nonsteroidal Antiinflammatory Drugs and Transcellular Processing. <i>Journal of Experimental Medicine</i> , 2000, 192, 1197-1204.	8.5	1,048
3	Resolvin E1 and protectin D1 activate inflammation-resolution programmes. <i>Nature</i> , 2007, 447, 869-874.	27.8	1,046
4	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, 1660-1665.	7.1	638
5	Infection regulates pro-resolving mediators that lower antibiotic requirements. <i>Nature</i> , 2012, 484, 524-528.	27.8	562
6	Resolvin E1 Selectively Interacts with Leukotriene B4 Receptor BLT1 and ChemR23 to Regulate Inflammation. <i>Journal of Immunology</i> , 2007, 178, 3912-3917.	0.8	548
7	THE CONCISE GUIDE TO PHARMACOLOGY 2019/20: G proteinâ€“coupled receptors. <i>British Journal of Pharmacology</i> , 2019, 176, S21-S141.	5.4	519
8	The resolution code of acute inflammation: Novel pro-resolving lipid mediators in resolution. <i>Seminars in Immunology</i> , 2015, 27, 200-215.	5.6	443
9	Lipid Mediators in the Resolution of Inflammation. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a016311.	5.5	389
10	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-C54.	4.6	370
11	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.	2.4	360
12	THE CONCISE GUIDE TO PHARMACOLOGY 2021/22: G proteinâ€“coupled receptors. <i>British Journal of Pharmacology</i> , 2021, 178, S27-S156.	5.4	337
13	Identification of resolvin D2 receptor mediating resolution of infections and organ protection. <i>Journal of Experimental Medicine</i> , 2015, 212, 1203-1217.	8.5	320
14	MicroRNAs in resolution of acute inflammation: identification of novel resolvin D1â€“miRNA circuits. <i>FASEB Journal</i> , 2011, 25, 544-560.	0.5	276
15	Structural elucidation and physiologic functions of specialized pro-resolving mediators and their receptors. <i>Molecular Aspects of Medicine</i> , 2017, 58, 114-129.	6.4	255
16	Specialized pro-resolving mediator network: an update on production and actions. <i>Essays in Biochemistry</i> , 2020, 64, 443-462.	4.7	231
17	Anti-inflammatory circuitry: Lipoxin, aspirin-triggered lipoxins and their receptor ALX. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2005, 73, 163-177.	2.2	219
18	Elucidation of novel 13-series resolvins that increase with atorvastatin and clear infections. <i>Nature Medicine</i> , 2015, 21, 1071-1075.	30.7	215

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19	Human macrophages differentially produce specific resolvin or leukotriene signals that depend on bacterial pathogenicity. <i>Nature Communications</i> , 2018, 9, 59.	12.8	211
20	Resolvin D3 and Aspirin-Triggered Resolvin D3 Are Potent Immunoresolvents. <i>Chemistry and Biology</i> , 2013, 20, 188-201.	6.0	204
21	New pro-resolving n-3 mediators bridge resolution of infectious inflammation to tissue regeneration. <i>Molecular Aspects of Medicine</i> , 2018, 64, 1-17.	6.4	186
22	Oxidoreductases in Lipoxin A4 Metabolic Inactivation. <i>Journal of Biological Chemistry</i> , 2000, 275, 25372-25380.	3.4	165
23	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.	11.6	164
24	Maresin 1 activates LGR6 receptor promoting phagocyte immunoresolvent functions. <i>Journal of Clinical Investigation</i> , 2019, 129, 5294-5311.	8.2	158
25	Specialized proresolving lipid mediators in patients with coronary artery disease and their potential for clot remodeling. <i>FASEB Journal</i> , 2016, 30, 2792-2801.	0.5	110
26	Inhaled Carbon Monoxide Accelerates Resolution of Inflammation via Unique Proresolving Mediatorâ€“Heme Oxygenase-1 Circuits. <i>Journal of Immunology</i> , 2013, 190, 6378-6388.	0.8	106
27	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.	7.1	101
28	Resolvin D4 stereoassignment and its novel actions in host protection and bacterial clearance. <i>Scientific Reports</i> , 2016, 6, 18972.	3.3	81
29	Maresin 1 Biosynthesis and Proresolving Anti-infective Functions with Human-Localized Aggressive Periodontitis Leukocytes. <i>Infection and Immunity</i> , 2016, 84, 658-665.	2.2	72
30	Aspirin Has A Gender-Dependent Impact on Antiinflammatory 15-Epi-Lipoxin A 4 Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, e14-7.	2.4	66
31	Identification and Actions of the Maresin 1 Metabolome in Infectious Inflammation. <i>Journal of Immunology</i> , 2016, 197, 4444-4452.	0.8	64
32	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-L911.	2.9	62
33	Formation of Endogenous â€œAntiinflammatoryâ€•Lipid Mediators by Transcellular Biosynthesis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000, 161, S95-S101.	5.6	59
34	Biosynthesis of D-Series Resolvins in Skinâ€•Provides Insights into their Role inâ€•Tissue Repair. <i>Journal of Investigative Dermatology</i> , 2018, 138, 2051-2060.	0.7	58
35	A cluster of immunoresolvents links coagulation to innate host defense in human blood. <i>Science Signaling</i> , 2017, 10, .	3.6	54
36	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, 26-29.	0.8	49

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37	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.	3.8	49
38	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.	7.1	38
39	Resolvin T-series reduce neutrophil extracellular traps. <i>Blood</i> , 2022, 139, 1222-1233.	1.4	36
40	New maresin conjugates in tissue regeneration pathway counters leukotriene D ₄ -stimulated vascular responses. <i>FASEB Journal</i> , 2018, 32, 4043-4052.	0.5	35
41	Frontline Science: 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, 995-1010.	3.3	28
42	Cell-Cell Interaction in the Transcellular Biosynthesis of Novel γ -3-Derived Lipid Mediators. , 2006, 341, 227-250.		25
43	Identification of Chemotype Agonists for Human Resolvin D1 Receptor DRV1 with Pro-Resolving Functions. <i>Cell Chemical Biology</i> , 2019, 26, 244-254.e4.	5.2	25
44	Resolving Inflammation: Synthesis, Configurational Assignment, and Biological Evaluations of RvD1 <i>Chemistry - A European Journal</i> , 2019, 25, 1476-1480.	3.3	20
45	CysteinyI-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, .	7.1	18
46	New mechanism for an old drug Aspirin triggers anti-inflammatory lipid mediators with gender implications. <i>Comprehensive Therapy</i> , 2006, 32, 150-157.	0.2	15
47	Aspirin triggers formation of anti-inflammatory mediators: New mechanism for an old drug. <i>Discovery Medicine</i> , 2004, 4, 470-5.	0.5	14
48	Leukotriene receptors (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database. <i>IUPHAR/BPS Guide To Pharmacology CITE</i> , 2019, 2019, .	0.2	2
49	Formylpeptide receptors in GtoPdb v.2021.2. <i>IUPHAR/BPS Guide To Pharmacology CITE</i> , 2021, 2021, .	0.2	1
50	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.	0.5	0
51	Resolvin D1 Receptor Activation Counterregulates H1 histamine receptors in human and rat conjunctival goblet cells. <i>FASEB Journal</i> , 2013, 27, 132.6.	0.5	0
52	Inhaled Carbon Monoxide Accelerates Resolution of Inflammation via Novel Pro-Resolving Mediators and Heme Oxygenase-1. <i>FASEB Journal</i> , 2013, 27, 649.2.	0.5	0
53	Resolvin D1 and Resolvin D5 Lower Antibiotic Doses in Infection. <i>FASEB Journal</i> , 2013, 27, 138.9.	0.5	0
54	Formylpeptide receptors (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database. <i>IUPHAR/BPS Guide To Pharmacology CITE</i> , 2019, 2019, .	0.2	0

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55	Leukotriene receptors (version 2020.3) in the IUPHAR/BPS Guide to Pharmacology Database. IUPHAR/BPS Guide To Pharmacology CITE, 2020, 2020, .	0.2	0