

Charles N Serhan

List of Publications by Year in descending order

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538
papers

88,181
citations

123

159
h-index

449

274
g-index

616
all docs

616
docs citations

616
times ranked

45249
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.	22.5	2,543
2	Pro-resolving lipid mediators are leads for resolution physiology. <i>Nature</i> , 2014, 510, 92-101.	36.2	2,353
3	Resolution of inflammation: the beginning programs the end. <i>Nature Immunology</i> , 2005, 6, 1191-1197.	13.9	2,099
4	Resolvins. <i>Journal of Experimental Medicine</i> , 2002, 196, 1025-1037.	8.8	1,506
5	Lipid mediator class switching during acute inflammation: signals in resolution. <i>Nature Immunology</i> , 2001, 2, 612-619.	13.9	1,251
6	Novel Functional Sets of Lipid-Derived Mediators with Antiinflammatory Actions Generated from Omega-3 Fatty Acids via Cyclooxygenase 2â€œNonsteroidal Antiinflammatory Drugs and Transcellular Processing. <i>Journal of Experimental Medicine</i> , 2000, 192, 1197-1204.	8.8	1,068
7	Resolvin E1 and protectin D1 activate inflammation-resolution programmes. <i>Nature</i> , 2007, 447, 869-874.	36.2	1,063
8	Resolution of inflammation: state of the art, definitions and terms. <i>FASEB Journal</i> , 2007, 21, 325-332.	0.5	958
9	Resolvins in inflammation: emergence of the pro-resolving superfamily of mediators. <i>Journal of Clinical Investigation</i> , 2018, 128, 2657-2669.	8.2	921
10	Resolution Phase of Inflammation: Novel Endogenous Anti-Inflammatory and Proresolving Lipid Mediators and Pathways. <i>Annual Review of Immunology</i> , 2007, 25, 101-137.	21.7	915
11	Novel Docosatrienes and 17S-Resolvins Generated from Docosahexaenoic Acid in Murine Brain, Human Blood, and Glial Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 14677-14687.	3.5	884
12	Resolvins and Protectins in Inflammation Resolution. <i>Chemical Reviews</i> , 2011, 111, 5922-5943.	51.4	849
13	Stereochemical assignment, antiinflammatory properties, and receptor for the omega-3 lipid mediator resolvin E1. <i>Journal of Experimental Medicine</i> , 2005, 201, 713-722.	8.8	841
14	Maresins: novel macrophage mediators with potent antiinflammatory and proresolving actions. <i>Journal of Experimental Medicine</i> , 2009, 206, 15-23.	8.8	760
15	A role for docosahexaenoic acid-derived neuroprotectin D1 in neural cell survival and Alzheimer disease. <i>Journal of Clinical Investigation</i> , 2005, 115, 2774-2783.	8.2	748
16	Novel Docosanoids Inhibit Brain Ischemia-Reperfusion-mediated Leukocyte Infiltration and Pro-inflammatory Gene Expression. <i>Journal of Biological Chemistry</i> , 2003, 278, 43807-43817.	3.5	719
17	From The Cover: Neuroprotectin D1: A docosahexaenoic acid-derived docosatriene protects human retinal pigment epithelial cells from oxidative stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 8491-8496.	7.6	708
18	Proresolving Lipid Mediators and Mechanisms in the Resolution of Acute Inflammation. <i>Immunity</i> , 2014, 40, 315-327.	14.2	689

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19	Aspirin triggers previously undescribed bioactive eicosanoids by human endothelial cell-leukocyte interactions.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 9475-9479.	7.6	685
20	Lipoxins: novel series of biologically active compounds formed from arachidonic acid in human leukocytes.. Proceedings of the National Academy of Sciences of the United States of America, 1984, 81, 5335-5339.	7.6	680
21	Molecular Circuits of Resolution: Formation and Actions of Resolvins and Protectins. Journal of Immunology, 2005, 174, 4345-4355.	0.8	670
22	Resolvin D1 binds human phagocytes with evidence for proresolving receptors. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 1660-1665.	7.6	647
23	Increased dietary intake of ω-3-polyunsaturated fatty acids reduces pathological retinal angiogenesis. Nature Medicine, 2007, 13, 868-873.	30.1	645
24	Resolvin D2 is a potent regulator of leukocytes and controls microbial sepsis. Nature, 2009, 461, 1287-1291.	36.2	611
25	Infection regulates pro-resolving mediators that lower antibiotic requirements. Nature, 2012, 484, 524-528.	36.2	574
26	Resolvin E1 Selectively Interacts with Leukotriene B4 Receptor BLT1 and ChemR23 to Regulate Inflammation. Journal of Immunology, 2007, 178, 3912-3917.	0.8	555
27	Resolvin E1, an endogenous lipid mediator derived from omega-3 eicosapentaenoic acid, protects against 2,4,6-trinitrobenzene sulfonic acid-induced colitis. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 7671-7676.	7.6	550
28	Microglia in Pain: Detrimental and Protective Roles in Pathogenesis and Resolution of Pain. Neuron, 2018, 100, 1292-1311.	8.0	540
29	Host Genotype-Specific Therapies Can Optimize the Inflammatory Response to Mycobacterial Infections. Cell, 2012, 148, 434-446.	27.8	529
30	Resolvins RvE1 and RvD1 attenuate inflammatory pain via central and peripheral actions. Nature Medicine, 2010, 16, 592-597.	30.1	511
31	The resolution of inflammation. Nature Reviews Immunology, 2013, 13, 59-66.	22.5	470
32	The resolution code of acute inflammation: Novel pro-resolving lipid mediators in resolution. Seminars in Immunology, 2015, 27, 200-215.	5.9	460
33	Resolvin D1 and Its Aspirin-triggered 17R Epimer. Journal of Biological Chemistry, 2007, 282, 9323-9334.	3.5	459
34	Specific lipid mediator signatures of human phagocytes: microparticles stimulate macrophage efferocytosis and pro-resolving mediators. Blood, 2012, 120, e60-e72.	1.4	455
35	Treating inflammation and infection in the 21st century: new hints from decoding resolution mediators and mechanisms. FASEB Journal, 2017, 31, 1273-1288.	0.5	454
36	Endogenous lipid- and peptide-derived anti-inflammatory pathways generated with glucocorticoid and aspirin treatment activate the lipoxin A4 receptor. Nature Medicine, 2002, 8, 1296-1302.	30.1	442

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37	Macrophage proresolving mediator maresin 1 stimulates tissue regeneration and controls pain. <i>FASEB Journal</i> , 2012, 26, 1755-1765.	0.5	442
38	Anti-Inflammatory Actions of Neuroprotectin D1/Protectin D1 and Its Natural Stereoisomers: Assignments of Dihydroxy-Containing Docosatrienes. <i>Journal of Immunology</i> , 2006, 176, 1848-1859.	0.8	431
39	Anti-Inflammatory and Proresolving Lipid Mediators. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2008, 3, 279-312.	23.4	430
40	Identification of a human cDNA encoding a functional high affinity lipoxin A4 receptor.. <i>Journal of Experimental Medicine</i> , 1994, 180, 253-260.	8.8	428
41	Aspirin-triggered 15-Epi-Lipoxin A4 (LXA4) and LXA4 Stable Analogues Are Potent Inhibitors of Acute Inflammation: Evidence for Anti-inflammatory Receptors. <i>Journal of Experimental Medicine</i> , 1997, 185, 1693-1704.	8.8	410
42	Lipid Mediators in the Resolution of Inflammation. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a016311.	5.4	410
43	Resolvin E1 Regulates Inflammation at the Cellular and Tissue Level and Restores Tissue Homeostasis In Vivo. <i>Journal of Immunology</i> , 2007, 179, 7021-7029.	0.8	398
44	Resolvin E1 regulates interleukin 23, interferon- γ and lipoxin A4 to promote the resolution of allergic airway inflammation. <i>Nature Immunology</i> , 2008, 9, 873-879.	13.9	391
45	Resolvins, Specialized Proresolving Lipid Mediators, and Their Potential Roles in Metabolic Diseases. <i>Cell Metabolism</i> , 2014, 19, 21-36.	15.8	387
46	Lipoxins and aspirin-triggered 15-epi-lipoxins are the first lipid mediators of endogenous anti-inflammation and resolution. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2005, 73, 141-162.	2.3	386
47	Atherosclerosis: evidence for impairment of resolution of vascular inflammation governed by specific lipid mediators. <i>FASEB Journal</i> , 2008, 22, 3595-3606.	0.5	383
48	Novel Lipid Mediators and Resolution Mechanisms in Acute Inflammation. <i>American Journal of Pathology</i> , 2010, 177, 1576-1591.	4.1	379
49	RvE1 protects from local inflammation and osteoclast-mediated bone destruction in periodontitis. <i>FASEB Journal</i> , 2006, 20, 401-403.	0.5	378
50	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.	2.6	377
51	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	376
52	Reduced Inflammation and Tissue Damage in Transgenic Rabbits Overexpressing 15-Lipoxygenase and Endogenous Anti-inflammatory Lipid Mediators. <i>Journal of Immunology</i> , 2003, 171, 6856-6865.	0.8	367
53	Specialized pro-resolving lipid mediators in the inflammatory response: An update. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2010, 1801, 1260-1273.	2.6	367
54	Transgenic mice rich in endogenous omega-3 fatty acids are protected from colitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 11276-11281.	7.6	364

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55	Resolvins and protectins in the termination program of acute inflammation. <i>Trends in Immunology</i> , 2007, 28, 176-183.	6.8	358
56	The fibrinolytic receptor for urokinase activates the G protein-coupled chemotactic receptor FPRL1/LXA4R. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 1359-1364.	7.6	348
57	Multi-pronged inhibition of airway hyper-responsiveness and inflammation by lipoxin A4. <i>Nature Medicine</i> , 2002, 8, 1018-1023.	30.1	346
58	Novel Lipid Mediators Promote Resolution of Acute Inflammation. <i>Circulation Research</i> , 2010, 107, 1170-1184.	10.7	341
59	A Synthetic Antagonist for the Peroxisome Proliferator-activated Receptor δ Inhibits Adipocyte Differentiation. <i>Journal of Biological Chemistry</i> , 2000, 275, 1873-1877.	3.5	340
60	Apoptotic neutrophils and T cells sequester chemokines during immune response resolution through modulation of CCR5 expression. <i>Nature Immunology</i> , 2006, 7, 1209-1216.	13.9	335
61	Identification of resolvin D2 receptor mediating resolution of infections and organ protection. <i>Journal of Experimental Medicine</i> , 2015, 212, 1203-1217.	8.8	334
62	Lipid mediators in innate immunity against tuberculosis: opposing roles of PGE2 and LXA4 in the induction of macrophage death. <i>Journal of Experimental Medicine</i> , 2008, 205, 2791-2801.	8.8	329
63	Harmonizing lipidomics: NIST interlaboratory comparison exercise for lipidomics using SRM 1950 "Metabolites in Frozen Human Plasma. <i>Journal of Lipid Research</i> , 2017, 58, 2275-2288.	4.2	329
64	Resolvin D Series and Protectin D1 Mitigate Acute Kidney Injury. <i>Journal of Immunology</i> , 2006, 177, 5902-5911.	0.8	327
65	Protectin D1 Is Generated in Asthma and Dampens Airway Inflammation and Hyperresponsiveness. <i>Journal of Immunology</i> , 2007, 178, 496-502.	0.8	314
66	Design of Lipoxin A4 Stable Analogs That Block Transmigration and Adhesion of Human Neutrophils. <i>Biochemistry</i> , 1995, 34, 14609-14615.	2.6	312
67	Resolvins, docosatrienes, and neuroprotectins, novel omega-3-derived mediators, and their endogenous aspirin-triggered epimers. <i>Lipids</i> , 2004, 39, 1125-1132.	1.8	311
68	Emerging roles of resolvins in the resolution of inflammation and pain. <i>Trends in Neurosciences</i> , 2011, 34, 599-609.	8.8	307
69	Anti-inflammatory actions of lipoxin A4 and aspirin-triggered lipoxin are SOCS-2 dependent. <i>Nature Medicine</i> , 2006, 12, 330-334.	30.1	290
70	Regulation of inflammation in cancer by eicosanoids. <i>Prostaglandins and Other Lipid Mediators</i> , 2011, 96, 27-36.	2.0	284
71	MicroRNAs in resolution of acute inflammation: identification of novel resolvin D1-miRNA circuits. <i>FASEB Journal</i> , 2011, 25, 544-560.	0.5	282
72	Resolution phase lipid mediators of inflammation: agonists of resolution. <i>Current Opinion in Pharmacology</i> , 2013, 13, 632-640.	3.6	280

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73	Proresolving lipid mediators resolvin D1, resolvin D2, and maresin 1 are critical in modulating T cell responses. <i>Science Translational Medicine</i> , 2016, 8, 353ra111.	13.4	280
74	Lipoxin A4 and B4 are potent stimuli for human monocyte migration and adhesion: selective inactivation by dehydrogenation and reduction.. <i>Journal of Experimental Medicine</i> , 1996, 183, 137-146.	8.8	279
75	Lipid mediator-induced expression of bactericidal/ permeability-increasing protein (BPI) in human mucosal epithelia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 3902-3907.	7.6	273
76	International Union of Pharmacology XXXVII. Nomenclature for Leukotriene and Lipoxin Receptors. <i>Pharmacological Reviews</i> , 2003, 55, 195-227.	16.1	272
77	Structural elucidation and physiologic functions of specialized pro-resolving mediators and their receptors. <i>Molecular Aspects of Medicine</i> , 2017, 58, 114-129.	6.8	267
78	Lipoxin formation during human neutrophil-platelet interactions. Evidence for the transformation of leukotriene A4 by platelet 12-lipoxygenase in vitro.. <i>Journal of Clinical Investigation</i> , 1990, 85, 772-780.	8.2	267
79	Activation of Lipoxin a4 Receptors by Aspirin-Triggered Lipoxins and Select Peptides Evokes Ligand-Specific Responses in Inflammation. <i>Journal of Experimental Medicine</i> , 2000, 191, 1197-1208.	8.8	266
80	Resolvins, docosatrienes, and neuroprotectins, novel omega-3-derived mediators, and their aspirin-triggered endogenous epimers: an overview of their protective roles in catabasis. <i>Prostaglandins and Other Lipid Mediators</i> , 2004, 73, 155-172.	2.0	263
81	Specialized pro-resolving mediator network: an update on production and actions. <i>Essays in Biochemistry</i> , 2020, 64, 443-462.	4.6	258
82	Resolution of Acute Inflammation in the Lung. <i>Annual Review of Physiology</i> , 2014, 76, 467-492.	13.2	257
83	Lipoxin biosynthesis and its impact in inflammatory and vascular events. <i>Lipids and Lipid Metabolism</i> , 1994, 1212, 1-25.	2.3	256
84	Aspirin triggers antiinflammatory 15-epi-lipoxin A4 and inhibits thromboxane in a randomized human trial. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 15178-15183.	7.6	255
85	Pro-resolving actions and stereoselective biosynthesis of 18S E-series resolvins in human leukocytes and murine inflammation. <i>Journal of Clinical Investigation</i> , 2011, 121, 569-581.	8.2	250
86	Diabetes promotes an inflammatory macrophage phenotype and atherosclerosis through acyl-CoA synthetase 1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E715-24.	7.6	247
87	Lipoxin-mediated inhibition of IL-12 production by DCs: a mechanism for regulation of microbial immunity. <i>Nature Immunology</i> , 2002, 3, 76-82.	13.9	246
88	Saturated efferocytosis generates pro-resolving CD11b ^{low} macrophages: Modulation by resolvins and glucocorticoids. <i>European Journal of Immunology</i> , 2011, 41, 366-379.	3.3	241
89	Lipoxin A4 and aspirin-triggered 15-epi-lipoxin A4 inhibit peroxynitrite formation, NF- κ B and AP-1 activation, and IL-8 gene expression in human leukocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 13266-13271.	7.6	240
90	Lipoxin A4 Stable Analogs Are Potent Mimetics That Stimulate Human Monocytes and THP-1 Cells via a G-protein-linked Lipoxin A4 Receptor. <i>Journal of Biological Chemistry</i> , 1997, 272, 6972-6978.	3.5	239

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91	Resolvin E1 Receptor Activation Signals Phosphorylation and Phagocytosis. <i>Journal of Biological Chemistry</i> , 2010, 285, 3451-3461.	3.5	239
92	Signalling the fat controller. <i>Nature</i> , 1996, 384, 23-24.	36.2	238
93	Novel Anti-Inflammatory-Pro-Resolving Mediators and Their Receptors. <i>Current Topics in Medicinal Chemistry</i> , 2011, 11, 629-647.	2.0	237
94	Lipoxins and novel aspirin-triggered 15-epi-lipoxins (ATL): A jungle of cell-cell interactions or a therapeutic opportunity?. <i>Prostaglandins</i> , 1997, 53, 107-137.	1.1	235
95	Trihydroxytetraenes: A novel series of compounds formed from arachidonic acid in human leukocytes. <i>Biochemical and Biophysical Research Communications</i> , 1984, 118, 943-949.	2.2	234
96	The novel 13 <i>S</i> ,14 <i>S</i> -epoxy-maresin is converted by human macrophages to maresin 1 (MaR1), inhibits leukotriene A ₄ hydrolase (LTA ₄ H), and shifts macrophage phenotype. <i>FASEB Journal</i> , 2013, 27, 2573-2583.	0.5	234
97	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.	12.1	233
98	Human macrophages differentially produce specific resolvin or leukotriene signals that depend on bacterial pathogenicity. <i>Nature Communications</i> , 2018, 9, 59.	13.2	227
99	Resolvin D1 and Resolvin D2 Govern Local Inflammatory Tone in Obese Fat. <i>Journal of Immunology</i> , 2012, 189, 2597-2605.	0.8	226
100	Resolvin D1 Receptor Stereoselectivity and Regulation of Inflammation and Proresolving MicroRNAs. <i>American Journal of Pathology</i> , 2012, 180, 2018-2027.	4.1	226
101	Rapid Appearance of Resolvin Precursors in Inflammatory Exudates: Novel Mechanisms in Resolution. <i>Journal of Immunology</i> , 2008, 181, 8677-8687.	0.8	224
102	Local and systemic delivery of a stable aspirin-triggered lipoxin prevents neutrophil recruitment in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 8247-8252.	7.6	223
103	Resolvin D1 Limits Polymorphonuclear Leukocyte Recruitment to Inflammatory Loci. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1970-1978.	4.7	223
104	Resolution of inflammation is altered in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2015, 11, 40.	0.7	221
105	Anti-inflammatory circuitry: Lipoxin, aspirin-triggered lipoxins and their receptor ALX. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2005, 73, 163-177.	2.3	220
106	Elucidation of novel 13-series resolvins that increase with atorvastatin and clear infections. <i>Nature Medicine</i> , 2015, 21, 1071-1075.	30.1	219
107	Resolvin E2: Identification and Anti-Inflammatory Actions: Pivotal Role of Human 5-Lipoxygenase in Resolvin E Series Biosynthesis. <i>Chemistry and Biology</i> , 2006, 13, 1193-1202.	6.2	216
108	Resolving TRPV1- and TNF- α -Mediated Spinal Cord Synaptic Plasticity and Inflammatory Pain with Neuroprotectin D1. <i>Journal of Neuroscience</i> , 2011, 31, 15072-15085.	3.8	216

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109	The Docosatriene Protectin D1 Is Produced by TH2 Skewing and Promotes Human T Cell Apoptosis via Lipid Raft Clustering. <i>Journal of Biological Chemistry</i> , 2005, 280, 43079-43086.	3.5	214
110	Resolvins suppress tumor growth and enhance cancer therapy. <i>Journal of Experimental Medicine</i> , 2018, 215, 115-140.	8.8	214
111	Resolvin D2 Is a Potent Endogenous Inhibitor for Transient Receptor Potential Subtype V1/A1, Inflammatory Pain, and Spinal Cord Synaptic Plasticity in Mice: Distinct Roles of Resolvin D1, D2, and E1. <i>Journal of Neuroscience</i> , 2011, 31, 18433-18438.	3.8	213
112	Resolvin D3 and Aspirin-Triggered Resolvin D3 Are Potent Immunoresolvents. <i>Chemistry and Biology</i> , 2013, 20, 188-201.	6.2	210
113	Resolvin D1 and Aspirin-Triggered Resolvin D1 Promote Resolution of Allergic Airways Responses. <i>Journal of Immunology</i> , 2012, 189, 1983-1991.	0.8	209
114	Identification of a Human Enterocyte Lipoxin A4 Receptor That Is Regulated by Interleukin (IL)-13 and Interferon β and Inhibits Tumor Necrosis Factor α -induced IL-8 Release. <i>Journal of Experimental Medicine</i> , 1998, 187, 1285-1294.	8.8	207
115	Resolvin E1, an EPA-derived mediator in whole blood, selectively counterregulates leukocytes and platelets. <i>Blood</i> , 2008, 112, 848-855.	1.4	207
116	Neutrophil-mediated changes in vascular permeability are inhibited by topical application of aspirin-triggered 15-epi-lipoxin A4 and novel lipoxin B4 stable analogues. <i>Journal of Clinical Investigation</i> , 1998, 101, 819-826.	8.2	204
117	Lipoxin (LX)A4 and Aspirin-triggered 15-epi-LXA4 Inhibit Tumor Necrosis Factor α -initiated Neutrophil Responses and Trafficking: Regulators of a Cytokine-Chemokine Axis. <i>Journal of Experimental Medicine</i> , 1999, 189, 1923-1930.	8.8	203
118	Novel n-3 Immunoresolvents: Structures and Actions. <i>Scientific Reports</i> , 2013, 3, 1940.	3.4	201
119	Lipoxin A4 modulates transmigration of human neutrophils across intestinal epithelial monolayers. <i>Journal of Clinical Investigation</i> , 1993, 92, 75-82.	8.2	200
120	15-Epi-lipoxin A4 Inhibits Myeloperoxidase Signaling and Enhances Resolution of Acute Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 180, 311-319.	6.6	199
121	Resolvin D1 activates the inflammation resolving response at splenic and ventricular site following myocardial infarction leading to improved ventricular function. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 84, 24-35.	1.9	199
122	Discovery of specialized pro-resolving mediators marks the dawn of resolution physiology and pharmacology. <i>Molecular Aspects of Medicine</i> , 2017, 58, 1-11.	6.8	198
123	Leukotriene B4 receptor transgenic mice reveal novel protective roles for lipoxins and aspirin-triggered lipoxins in reperfusion. <i>Journal of Clinical Investigation</i> , 1999, 104, 309-316.	8.2	197
124	Resolvin E1 promotes mucosal surface clearance of neutrophils: a new paradigm for inflammatory resolution. <i>FASEB Journal</i> , 2007, 21, 3162-3170.	0.5	196
125	Lipoxin A4 Analogues Inhibit Leukocyte Recruitment to <i>Porphyromonas gingivalis</i> : A Role for Cyclooxygenase-2 and Lipoxins in Periodontal Disease. <i>Biochemistry</i> , 2000, 39, 4761-4768.	2.6	193
126	New pro-resolving n-3 mediators bridge resolution of infectious inflammation to tissue regeneration. <i>Molecular Aspects of Medicine</i> , 2018, 64, 1-17.	6.8	193

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127	The opportunistic pathogen <i>Pseudomonas aeruginosa</i> carries a secretable arachidonate 15-lipoxygenase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 2135-2139.	7.6	191
128	Cutting Edge: Humanized Nano-Proresolving Medicines Mimic Inflammation-Resolution and Enhance Wound Healing. <i>Journal of Immunology</i> , 2011, 186, 5543-5547.	0.8	188
129	Novel eicosanoid and docosanoid mediators: resolvins, docosatrienes, and neuroprotectins. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2005, 8, 115-121.	2.7	185
130	Impaired Local Production of Proresolving Lipid Mediators in Obesity and 17-HDHA as a Potential Treatment for Obesity-Associated Inflammation. <i>Diabetes</i> , 2013, 62, 1945-1956.	0.9	185
131	Aspirin-Triggered Lipoxins (15-epi-LX) Are Generated by the Human Lung Adenocarcinoma Cell Line (A549) and Neutrophil Interactions and Are Potent Inhibitors of Cell Proliferation. <i>Molecular Medicine</i> , 1996, 2, 583-596.	4.5	183
132	Aspirin-Triggered Lipoxin A4 and B4 Analogs Block Extracellular Signal-Regulated Kinase-Dependent TNF- α Secretion from Human T Cells. <i>Journal of Immunology</i> , 2003, 170, 6266-6272.	0.8	183
133	Aspirin-Triggered Lipoxin and Resolvin E1 Modulate Vascular Smooth Muscle Phenotype and Correlate with Peripheral Atherosclerosis. <i>American Journal of Pathology</i> , 2010, 177, 2116-2123.	4.1	183
134	Lipoxin A4 Attenuates Obesity-Induced Adipose Inflammation and Associated Liver and Kidney Disease. <i>Cell Metabolism</i> , 2015, 22, 125-137.	15.8	182
135	Lipoxins and new lipid mediators in the resolution of inflammation. <i>Current Opinion in Pharmacology</i> , 2006, 6, 414-420.	3.6	181
136	Human alveolar macrophages have 15-lipoxygenase and generate 15(S)-hydroxy-5,8,11-cis-13-trans-eicosatetraenoic acid and lipoxins.. <i>Journal of Clinical Investigation</i> , 1993, 92, 1572-1579.	8.2	180
137	Inflammation resolution: a dual-pronged approach to averting cytokine storms in COVID-19?. <i>Cancer and Metastasis Reviews</i> , 2020, 39, 337-340.	6.3	179
138	Resolution of inflammation: An organizing principle in biology and medicine. , 2021, 227, 107879.		178
139	Lipid and lipid mediator profiling of human synovial fluid in rheumatoid arthritis patients by means of LC-MS/MS. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2012, 1821, 1415-1424.	2.6	177
140	Selectivity of Recombinant Human Leukotriene D4, Leukotriene B4, and Lipoxin A4 Receptors with Aspirin-Triggered 15-epi-LXA4 and Regulation of Vascular and Inflammatory Responses. <i>American Journal of Pathology</i> , 2001, 158, 3-9.	4.1	176
141	A Novel Anti-Inflammatory and Pro-Resolving Role for Resolvin D1 in Acute Cigarette Smoke-Induced Lung Inflammation. <i>PLoS ONE</i> , 2013, 8, e58258.	2.5	176
142	Formation of lipoxins and leukotrienes during receptor-mediated interactions of human platelets and recombinant human granulocyte/macrophage colony-stimulating factor-primed neutrophils.. <i>Journal of Experimental Medicine</i> , 1990, 172, 1451-1457.	8.8	175
143	Human ALX receptor regulates neutrophil recruitment in transgenic mice: roles in inflammation and host defense. <i>FASEB Journal</i> , 2003, 17, 652-659.	0.5	175
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