

Charles N Serhan

List of Publications by Year in descending order

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565
papers

85,926
citations

143
157
h-index

451
273
g-index

587
all docs

587
docs citations

587
times ranked

39299
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	Pro-resolving lipid mediators are leads for resolution physiology. <i>Nature</i> , 2014, 510, 92-101.	27.8	2,266
3	Leukotrienes and Lipoxins: Structures, Biosynthesis, and Biological Effects. <i>Science</i> , 1987, 237, 1171-1176.	12.6	2,185
4	Resolution of inflammation: the beginning programs the end. <i>Nature Immunology</i> , 2005, 6, 1191-1197.	14.5	2,060
5	Resolvins. <i>Journal of Experimental Medicine</i> , 2002, 196, 1025-1037.	8.5	1,486
6	Lipid mediator class switching during acute inflammation: signals in resolution. <i>Nature Immunology</i> , 2001, 2, 612-619.	14.5	1,229
7	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
8	Resolvin E1 and protectin D1 activate inflammation-resolution programmes. <i>Nature</i> , 2007, 447, 869-874.	27.8	1,046
9	Resolution of inflammation: state of the art, definitions and terms. <i>FASEB Journal</i> , 2007, 21, 325-332.	0.5	949
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.	21.8	910
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.	3.4	872
12	Resolvins in inflammation: emergence of the pro-resolving superfamily of mediators. <i>Journal of Clinical Investigation</i> , 2018, 128, 2657-2669.	8.2	858
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.	8.5	829
14	Resolvins and Protectins in Inflammation Resolution. <i>Chemical Reviews</i> , 2011, 111, 5922-5943.	47.7	823
15	Maresins: novel macrophage mediators with potent antiinflammatory and proresolving actions. <i>Journal of Experimental Medicine</i> , 2009, 206, 15-23.	8.5	746
16	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	740
17	Novel Docosanoids Inhibit Brain Ischemia-Reperfusion-mediated Leukocyte Infiltration and Pro-inflammatory Gene Expression. <i>Journal of Biological Chemistry</i> , 2003, 278, 43807-43817.	3.4	714
18	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.	7.1	701

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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.	7.1	682
20	International Union of Basic and Clinical Pharmacology. LXXIII. Nomenclature for the Formyl Peptide Receptor (FPR) Family. Pharmacological Reviews, 2009, 61, 119-161.	16.0	677
21	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.	7.1	667
22	Proresolving Lipid Mediators and Mechanisms in the Resolution of Acute Inflammation. Immunity, 2014, 40, 315-327.	14.3	666
23	Molecular Circuits of Resolution: Formation and Actions of Resolvins and Protectins. Journal of Immunology, 2005, 174, 4345-4355.	0.8	663
24	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.	7.1	638
25	Increased dietary intake of ω -3-polyunsaturated fatty acids reduces pathological retinal angiogenesis. Nature Medicine, 2007, 13, 868-873.	30.7	633
26	Resolvin D2 is a potent regulator of leukocytes and controls microbial sepsis. Nature, 2009, 461, 1287-1291.	27.8	599
27	Infection regulates pro-resolving mediators that lower antibiotic requirements. Nature, 2012, 484, 524-528.	27.8	562
28	Resolvin E1 Selectively Interacts with Leukotriene B4 Receptor BLT1 and ChemR23 to Regulate Inflammation. Journal of Immunology, 2007, 178, 3912-3917.	0.8	548
29	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.	7.1	544
30	Host Genotype-Specific Therapies Can Optimize the Inflammatory Response to Mycobacterial Infections. Cell, 2012, 148, 434-446.	28.9	523
31	THE CONCISE GUIDE TO PHARMACOLOGY 2019/20: G protein-coupled receptors. British Journal of Pharmacology, 2019, 176, S21-S141.	5.4	519
32	Resolvins RvE1 and RvD1 attenuate inflammatory pain via central and peripheral actions. Nature Medicine, 2010, 16, 592-597.	30.7	503
33	Microglia in Pain: Detrimental and Protective Roles in Pathogenesis and Resolution of Pain. Neuron, 2018, 100, 1292-1311.	8.1	496
34	The resolution of inflammation. Nature Reviews Immunology, 2013, 13, 59-66.	22.7	454
35	Resolvin D1 and Its Aspirin-triggered 17R Epimer. Journal of Biological Chemistry, 2007, 282, 9323-9334.	3.4	452
36	The resolution code of acute inflammation: Novel pro-resolving lipid mediators in resolution. Seminars in Immunology, 2015, 27, 200-215.	5.6	443

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37	Specific lipid mediator signatures of human phagocytes: microparticles stimulate macrophage efferocytosis and pro-resolving mediators. <i>Blood</i> , 2012, 120, e60-e72.	1.4	441
38	Treating inflammation and infection in the 21st century: new hints from decoding resolution mediators and mechanisms. <i>FASEB Journal</i> , 2017, 31, 1273-1288.	0.5	437
39	Endogenous lipid- and peptide-derived anti-inflammatory pathways generated with glucocorticoid and aspirin treatment activate the lipoxin A4 receptor. <i>Nature Medicine</i> , 2002, 8, 1296-1302.	30.7	435
40	The Lipoxin Receptor ALX: Potent Ligand-Specific and Stereoselective Actions in Vivo. <i>Pharmacological Reviews</i> , 2006, 58, 463-487.	16.0	431
41	Identification of a human cDNA encoding a functional high affinity lipoxin A4 receptor.. <i>Journal of Experimental Medicine</i> , 1994, 180, 253-260.	8.5	425
42	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	424
43	Anti-Inflammatory and Proresolving Lipid Mediators. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2008, 3, 279-312.	22.4	422
44	Resolution of Inflammation: A New Paradigm for the Pathogenesis of Periodontal Diseases. <i>Journal of Dental Research</i> , 2003, 82, 82-90.	5.2	413
45	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.	8.5	405
46	Macrophage proresolving mediator maresin 1 stimulates tissue regeneration and controls pain. <i>FASEB Journal</i> , 2012, 26, 1755-1765.	0.5	401
47	Lipid mediator networks in cell signaling: update and impact of cytokines ¹. <i>FASEB Journal</i> , 1996, 10, 1147-1158.	0.5	396
48	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	392
49	Lipid Mediators in the Resolution of Inflammation. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a016311.	5.5	389
50	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.	14.5	384
51	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.	2.2	382
52	Atherosclerosis: evidence for impairment of resolution of vascular inflammation governed by specific lipid mediators. <i>FASEB Journal</i> , 2008, 22, 3595-3606.	0.5	378
53	Resolvins, Specialized Proresolving Lipid Mediators, and Their Potential Roles in Metabolic Diseases. <i>Cell Metabolism</i> , 2014, 19, 21-36.	16.2	378
54	RvE1 protects from local inflammation and osteoclast-mediated bone destruction in periodontitis. <i>FASEB Journal</i> , 2006, 20, 401-403.	0.5	374

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55	Novel Lipid Mediators and Resolution Mechanisms in Acute Inflammation. American Journal of Pathology, 2010, 177, 1576-1591.	3.8	372
56	Identification and signature profiles for pro-resolving and inflammatory lipid mediators in human tissue. American Journal of Physiology - Cell Physiology, 2014, 307, C39-C54.	4.6	370
57	Reduced Inflammation and Tissue Damage in Transgenic Rabbits Overexpressing 15-Lipoxygenase and Endogenous Anti-inflammatory Lipid Mediators. Journal of Immunology, 2003, 171, 6856-6865.	0.8	364
58	Transgenic mice rich in endogenous omega-3 fatty acids are protected from colitis. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 11276-11281.	7.1	361
59	Endogenous pro-resolving and anti-inflammatory lipid mediators: a new pharmacologic genus. British Journal of Pharmacology, 2008, 153, S200-15.	5.4	360
60	Specialized pro-resolving lipid mediators in the inflammatory response: An update. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2010, 1801, 1260-1273.	2.4	360
61	Protectins and maresins: New pro-resolving families of mediators in acute inflammation and resolution bioactive metabolome. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2015, 1851, 397-413.	2.4	360
62	Resolvins and protectins in the termination program of acute inflammation. Trends in Immunology, 2007, 28, 176-183.	6.8	353
63	Multi-pronged inhibition of airway hyper-responsiveness and inflammation by lipoxin A4. Nature Medicine, 2002, 8, 1018-1023.	30.7	346
64	The fibrinolytic receptor for urokinase activates the G protein-coupled chemotactic receptor FPRL1/LXA4R. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 1359-1364.	7.1	345
65	Novel Lipid Mediators Promote Resolution of Acute Inflammation. Circulation Research, 2010, 107, 1170-1184.	4.5	338
66	A Synthetic Antagonist for the Peroxisome Proliferator-activated Receptor δ Inhibits Adipocyte Differentiation. Journal of Biological Chemistry, 2000, 275, 1873-1877.	3.4	337
67	Apoptotic neutrophils and T cells sequester chemokines during immune response resolution through modulation of CCR5 expression. Nature Immunology, 2006, 7, 1209-1216.	14.5	331
68	Lipid mediators in innate immunity against tuberculosis: opposing roles of PGE2 and LXA4 in the induction of macrophage death. Journal of Experimental Medicine, 2008, 205, 2791-2801.	8.5	325
69	Resolvin D Series and Protectin D1 Mitigate Acute Kidney Injury. Journal of Immunology, 2006, 177, 5902-5911.	0.8	322
70	Identification of resolvin D2 receptor mediating resolution of infections and organ protection. Journal of Experimental Medicine, 2015, 212, 1203-1217.	8.5	320
71	Harmonizing lipidomics: NIST interlaboratory comparison exercise for lipidomics using SRM 1950 "Metabolites in Frozen Human Plasma. Journal of Lipid Research, 2017, 58, 2275-2288.	4.2	312
72	Protectin D1 Is Generated in Asthma and Dampens Airway Inflammation and Hyperresponsiveness. Journal of Immunology, 2007, 178, 496-502.	0.8	311

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73	Design of Lipoxin A4 Stable Analogs That Block Transmigration and Adhesion of Human Neutrophils. <i>Biochemistry</i> , 1995, 34, 14609-14615.	2.5	309
74	Resolvins, docosatrienes, and neuroprotectins, novel omega-3-derived mediators, and their endogenous aspirin-triggered epimers. <i>Lipids</i> , 2004, 39, 1125-1132.	1.7	308
75	Emerging roles of resolvins in the resolution of inflammation and pain. <i>Trends in Neurosciences</i> , 2011, 34, 599-609.	8.6	298
76	Anti-inflammatory actions of lipoxin A4 and aspirin-triggered lipoxin are SOCS-2 dependent. <i>Nature Medicine</i> , 2006, 12, 330-334.	30.7	286
77	Regulation of inflammation in cancer by eicosanoids. <i>Prostaglandins and Other Lipid Mediators</i> , 2011, 96, 27-36.	1.9	280
78	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.	8.5	278
79	MicroRNAs in resolution of acute inflammation: identification of novel resolvin D1-miRNA circuits. <i>FASEB Journal</i> , 2011, 25, 544-560.	0.5	276
80	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.	12.4	273
81	Resolution phase lipid mediators of inflammation: agonists of resolution. <i>Current Opinion in Pharmacology</i> , 2013, 13, 632-640.	3.5	272
82	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.	7.1	271
83	International Union of Pharmacology XXXVII. Nomenclature for Leukotriene and Lipoxin Receptors. <i>Pharmacological Reviews</i> , 2003, 55, 195-227.	16.0	271
84	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.	8.5	265
85	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	263
86	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.	1.9	260
87	Lipoxin biosynthesis and its impact in inflammatory and vascular events. <i>Lipids and Lipid Metabolism</i> , 1994, 1212, 1-25.	2.6	255
88	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
89	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.	7.1	252
90	Lipoxin-mediated inhibition of IL-12 production by DCs: a mechanism for regulation of microbial immunity. <i>Nature Immunology</i> , 2002, 3, 76-82.	14.5	246

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91	Resolution of Acute Inflammation in the Lung. Annual Review of Physiology, 2014, 76, 467-492.	13.1	246
92	Pro-resolving actions and stereoselective biosynthesis of 18S E-series resolvins in human leukocytes and murine inflammation. Journal of Clinical Investigation, 2011, 121, 569-581.	8.2	242
93	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. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 13266-13271.	7.1	240
94	Diabetes promotes an inflammatory macrophage phenotype and atherosclerosis through acyl-CoA synthetase 1. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E715-24.	7.1	240
95	Saturated ω -efferocytosis generates pro-resolving CD11b ^{low} macrophages: Modulation by resolvins and glucocorticoids. European Journal of Immunology, 2011, 41, 366-379.	2.9	238
96	Lipoxin A4 Stable Analogs Are Potent Mimetics That Stimulate Human Monocytes and THP-1 Cells via a G-protein-linked Lipoxin A4 Receptor. Journal of Biological Chemistry, 1997, 272, 6972-6978.	3.4	237
97	Signalling the fat controller. Nature, 1996, 384, 23-24.	27.8	236
98	Lipoxins and novel aspirin-triggered 15-epi-lipoxins (ATL): A jungle of cell-cell interactions or a therapeutic opportunity?. Prostaglandins, 1997, 53, 107-137.	1.2	234
99	Resolvin E1 Receptor Activation Signals Phosphorylation and Phagocytosis. Journal of Biological Chemistry, 2010, 285, 3451-3461.	3.4	234
100	Novel Anti-Inflammatory-Pro-Resolving Mediators and Their Receptors. Current Topics in Medicinal Chemistry, 2011, 11, 629-647.	2.1	234
101	The novel 13 <i>S</i> ,14 <i>S</i> - ω -epoxy-maresin is converted by human macrophages to maresin 1 (MaR1), inhibits leukotriene A ₄ hydrolase (LTA ₄ H), and shifts macrophage phenotype. FASEB Journal, 2013, 27, 2573-2583.	0.5	232
102	Specialized pro-resolving mediator network: an update on production and actions. Essays in Biochemistry, 2020, 64, 443-462.	4.7	231
103	Trihydroxytetraenes: A novel series of compounds formed from arachidonic acid in human leukocytes. Biochemical and Biophysical Research Communications, 1984, 118, 943-949.	2.1	230
104	Resolvin D1 Receptor Stereoselectivity and Regulation of Inflammation and Proresolving MicroRNAs. American Journal of Pathology, 2012, 180, 2018-2027.	3.8	224
105	Resolvin D1 and Resolvin D2 Govern Local Inflammatory Tone in Obese Fat. Journal of Immunology, 2012, 189, 2597-2605.	0.8	222
106	Local and systemic delivery of a stable aspirin-triggered lipoxin prevents neutrophil recruitment in vivo. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 8247-8252.	7.1	221
107	Rapid Appearance of Resolvin Precursors in Inflammatory Exudates: Novel Mechanisms in Resolution. Journal of Immunology, 2008, 181, 8677-8687.	0.8	220
108	Anti-inflammatory circuitry: Lipoxin, aspirin-triggered lipoxins and their receptor ALX. Prostaglandins Leukotrienes and Essential Fatty Acids, 2005, 73, 163-177.	2.2	219

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109	Resolvin D1 Limits Polymorphonuclear Leukocyte Recruitment to Inflammatory Loci. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1970-1978.	2.4	216
110	Elucidation of novel 13-series resolvins that increase with atorvastatin and clear infections. <i>Nature Medicine</i> , 2015, 21, 1071-1075.	30.7	215
111	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.	3.4	213
112	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.	6.0	212
113	Human macrophages differentially produce specific resolvin or leukotriene signals that depend on bacterial pathogenicity. <i>Nature Communications</i> , 2018, 9, 59.	12.8	211
114	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.	3.6	210
115	Resolution of inflammation is altered in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2015, 11, 40.	0.8	208
116	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.	3.6	207
117	Identification of a Human Enterocyte Lipoxin A4 Receptor That Is Regulated by Interleukin (IL)-13 and Interferon γ and Inhibits Tumor Necrosis Factor α -induced IL-8 Release. <i>Journal of Experimental Medicine</i> , 1998, 187, 1285-1294.	8.5	206
118	Resolvin E1, an EPA-derived mediator in whole blood, selectively counterregulates leukocytes and platelets. <i>Blood</i> , 2008, 112, 848-855.	1.4	204
119	Resolvin D1 and Aspirin-Triggered Resolvin D1 Promote Resolution of Allergic Airways Responses. <i>Journal of Immunology</i> , 2012, 189, 1983-1991.	0.8	204
120	Resolvin D3 and Aspirin-Triggered Resolvin D3 Are Potent Immunoresolvents. <i>Chemistry and Biology</i> , 2013, 20, 188-201.	6.0	204
121	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.	8.5	202
122	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	202
123	Resolvins suppress tumor growth and enhance cancer therapy. <i>Journal of Experimental Medicine</i> , 2018, 215, 115-140.	8.5	200
124	15-Epi-lipoxin A ₄ Inhibits Myeloperoxidase Signaling and Enhances Resolution of Acute Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 180, 311-319.	5.6	199
125	Lipoxin A4 modulates transmigration of human neutrophils across intestinal epithelial monolayers.. <i>Journal of Clinical Investigation</i> , 1993, 92, 75-82.	8.2	199
126	Novel n-3 Immunoresolvents: Structures and Actions. <i>Scientific Reports</i> , 2013, 3, 1940.	3.3	197

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127	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
128	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	194
129	Resolvin E1 promotes mucosal surface clearance of neutrophils: a new paradigm for inflammatory resolution. <i>FASEB Journal</i> , 2007, 21, 3162-3170.	0.5	193
130	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.	2.5	191
131	Angioplasty triggers intracoronary leukotrienes and lipoxin A4. Impact of aspirin therapy. <i>Circulation</i> , 1992, 86, 56-63.	1.6	189
132	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.	7.1	189
133	Discovery of specialized pro-resolving mediators marks the dawn of resolution physiology and pharmacology. <i>Molecular Aspects of Medicine</i> , 2017, 58, 1-11.	6.4	188
134	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
135	Cutting Edge: Humanized Nano-Proresolving Medicines Mimic Inflammation-Resolution and Enhance Wound Healing. <i>Journal of Immunology</i> , 2011, 186, 5543-5547.	0.8	185
136	Novel eicosanoid and docosanoid mediators: resolvins, docosatrienes, and neuroprotectins. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2005, 8, 115-121.	2.5	184
137	Aspirin-Triggered Lipoxins (15-epi-LX) Are Generated by the Human Lung Adenocarcinoma Cell Line (A549) Neutrophil Interactions and Are Potent Inhibitors of Cell Proliferation. <i>Molecular Medicine</i> , 1996, 2, 583-596.	4.4	183
138	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	182
139	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.	0.6	181
140	Lipoxins and new lipid mediators in the resolution of inflammation. <i>Current Opinion in Pharmacology</i> , 2006, 6, 414-420.	3.5	180
141	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.	3.8	178
142	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	177
143	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.	3.8	176
144	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.	8.5	175

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145	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	174
146	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	174
147	Novel ? ? 3-derived local mediators in anti-inflammation and resolution. , 2005, 105, 7-21.		173
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