

Jesmond Dalli

List of Publications by Year in descending order

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Version: 2024-02-01

183
papers

14,223
citations

13865

67
h-index

22166

113
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190
all docs

190
docs citations

190
times ranked

12861
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Macrophage proresolving mediator maresin 1 stimulates tissue regeneration and controls pain. <i>FASEB Journal</i> , 2012, 26, 1755-1765.	0.5	401
4	Lipid Mediators in the Resolution of Inflammation. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a016311.	5.5	389
5	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
6	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
7	Requirement for the histone deacetylase Hdac3 for the inflammatory gene expression program in macrophages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E2865-74.	7.1	327
8	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
9	Anti-Inflammatory Role of the Murine Formyl-Peptide Receptor 2: Ligand-Specific Effects on Leukocyte Responses and Experimental Inflammation. <i>Journal of Immunology</i> , 2010, 184, 2611-2619.	0.8	275
10	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
11	Annexin 1 mediates the rapid anti-inflammatory effects of neutrophil-derived microparticles. <i>Blood</i> , 2008, 112, 2512-2519.	1.4	246
12	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	232
13	Resolvin D1 and Resolvin D2 Govern Local Inflammatory Tone in Obese Fat. <i>Journal of Immunology</i> , 2012, 189, 2597-2605.	0.8	222
14	Resolvin D1 Limits Polymorphonuclear Leukocyte Recruitment to Inflammatory Loci. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1970-1978.	2.4	216
15	Elucidation of novel 13-series resolvins that increase with atorvastatin and clear infections. <i>Nature Medicine</i> , 2015, 21, 1071-1075.	30.7	215
16	Resolvin D3 and Aspirin-Triggered Resolvin D3 Are Potent Immunoresolvents. <i>Chemistry and Biology</i> , 2013, 20, 188-201.	6.0	204
17	Resolvins suppress tumor growth and enhance cancer therapy. <i>Journal of Experimental Medicine</i> , 2018, 215, 115-140.	8.5	200
18	Novel n-3 Immunoresolvents: Structures and Actions. <i>Scientific Reports</i> , 2013, 3, 1940.	3.3	197

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19	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
20	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
21	Heterogeneity in Neutrophil Microparticles Reveals Distinct Proteome and Functional Properties. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 2205-2219.	3.8	178
22	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.	2.4	173
23	Lipoxin A4 Attenuates Obesity-Induced Adipose Inflammation and Associated Liver and Kidney Disease. <i>Cell Metabolism</i> , 2015, 22, 125-137.	16.2	170
24	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
25	Human Sepsis Eicosanoid and Proresolving Lipid Mediator Temporal Profiles: Correlations With Survival and Clinical Outcomes. <i>Critical Care Medicine</i> , 2017, 45, 58-68.	0.9	160
26	FPR2/ALX receptor expression and internalization are critical for lipoxin A ₄ and annexin A1-derived peptide-stimulated phagocytosis. <i>FASEB Journal</i> , 2010, 24, 4240-4249.	0.5	159
27	Cutting Edge: Maresin-1 Engages Regulatory T Cells To Limit Type 2 Innate Lymphoid Cell Activation and Promote Resolution of Lung Inflammation. <i>Journal of Immunology</i> , 2015, 194, 863-867.	0.8	155
28	Proresolving and cartilage-protective actions of resolvin D1 in inflammatory arthritis. <i>JCI Insight</i> , 2016, 1, e85922.	5.0	150
29	Maresin 1 biosynthesis during platelet-neutrophil interactions is organ-protective. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16526-16531.	7.1	144
30	Vagus nerve controls resolution and pro-resolving mediators of inflammation. <i>Journal of Experimental Medicine</i> , 2014, 211, 1037-1048.	8.5	143
31	Plasma Metabolomics in Human Pulmonary Tuberculosis Disease: A Pilot Study. <i>PLoS ONE</i> , 2014, 9, e108854.	2.5	140
32	Protectin D1 n-3 DPA and resolvin D5 n-3 DPA are effectors of intestinal protection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3963-3968.	7.1	134
33	Aging Delays Resolution of Acute Inflammation in Mice: Reprogramming the Host Response with Novel Nano-Proresolving Medicines. <i>Journal of Immunology</i> , 2014, 193, 4235-4244.	0.8	131
34	Maresin Biosynthesis and Identification of Maresin 2, a New Anti-Inflammatory and Pro-Resolving Mediator from Human Macrophages. <i>PLoS ONE</i> , 2014, 9, e102362.	2.5	130
35	NLRP3 Inflammasome Deficiency Protects against Microbial Sepsis via Increased Lipoxin B ₄ Synthesis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 713-726.	5.6	126
36	Exploiting the Annexin A1 pathway for the development of novel anti-inflammatory therapeutics. <i>British Journal of Pharmacology</i> , 2009, 158, 936-946.	5.4	122

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37	Vagal Regulation of Group 3 Innate Lymphoid Cells and the Immunosolvent PCTRI Controls Infection Resolution. <i>Immunity</i> , 2017, 46, 92-105.	14.3	122
38	Pro-Resolving Mediators in Regulating and Conferring Macrophage Function. <i>Frontiers in Immunology</i> , 2017, 8, 1400.	4.8	120
39	Proresolving Nanomedicines Activate Bone Regeneration in Periodontitis. <i>Journal of Dental Research</i> , 2015, 94, 148-156.	5.2	114
40	Plasticity of Leukocytic Exudates in Resolving Acute Inflammation Is Regulated by MicroRNA and Proresolving Mediators. <i>Immunity</i> , 2013, 39, 885-898.	14.3	113
41	Accelerated resolution of inflammation underlies sex differences in inflammatory responses in humans. <i>Journal of Clinical Investigation</i> , 2016, 127, 169-182.	8.2	113
42	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
43	Identification and structure elucidation of the pro-resolving mediators provides novel leads for resolution pharmacology. <i>British Journal of Pharmacology</i> , 2019, 176, 1024-1037.	5.4	108
44	Activation of the annexin 1 counter-regulatory circuit affords protection in the mouse brain microcirculation. <i>FASEB Journal</i> , 2007, 21, 1751-1758.	0.5	107
45	Inhaled Carbon Monoxide Accelerates Resolution of Inflammation via Unique Proresolving Mediator Heme Oxygenase-1 Circuits. <i>Journal of Immunology</i> , 2013, 190, 6378-6388.	0.8	106
46	Resolvin D3 Is Dysregulated in Arthritis and Reduces Arthritic Inflammation. <i>Journal of Immunology</i> , 2016, 197, 2362-2368.	0.8	106
47	Human milk proresolving mediators stimulate resolution of acute inflammation. <i>Mucosal Immunology</i> , 2016, 9, 757-766.	6.0	106
48	ERV1/ChemR23 Signaling Protects Against Atherosclerosis by Modifying Oxidized Low-Density Lipoprotein Uptake and Phagocytosis in Macrophages. <i>Circulation</i> , 2018, 138, 1693-1705.	1.6	106
49	Self-Limited versus Delayed Resolution of Acute Inflammation: Temporal Regulation of Pro-Resolving Mediators and MicroRNA. <i>Scientific Reports</i> , 2012, 2, 639.	3.3	102
50	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
51	A randomised double blind placebo controlled phase 2 trial of adjunctive aspirin for tuberculous meningitis in HIV-uninfected adults. <i>ELife</i> , 2018, 7, .	6.0	101
52	Novel proresolving and tissue-regenerative resolvin and protectin sulfido-conjugated pathways. <i>FASEB Journal</i> , 2015, 29, 2120-2136.	0.5	100
53	Immune resolution mechanisms in inflammatory arthritis. <i>Nature Reviews Rheumatology</i> , 2017, 13, 87-99.	8.0	96
54	Enriched Marine Oil Supplements Increase Peripheral Blood Specialized Pro-Resolving Mediators Concentrations and Reprogram Host Immune Responses. <i>Circulation Research</i> , 2020, 126, 75-90.	4.5	96

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55	Microfluidic chambers for monitoring leukocyte trafficking and humanized nano-proresolving medicines interactions. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 20560-20565.	7.1	91
56	Proresolving and Tissue-Protective Actions of Annexin A1-Based Cleavage-Resistant Peptides Are Mediated by Formyl Peptide Receptor 2/Lipoxin A4 Receptor. Journal of Immunology, 2013, 190, 6478-6487.	0.8	89
57	Microparticle alpha-2-macroglobulin enhances pro-resolving responses and promotes survival in sepsis. EMBO Molecular Medicine, 2014, 6, 27-42.	6.9	87
58	Total Synthesis of the Lipid Mediator PD1 _{n-3ADPA} : Configurational Assignments and Anti-inflammatory and Pro-resolving Actions. Journal of Natural Products, 2014, 77, 910-916.	3.0	87
59	Signaling and Immunoresolving Actions of Resolvin D1 in Inflamed Human Visceral Adipose Tissue. Journal of Immunology, 2016, 197, 3360-3370.	0.8	87
60	Macrophage Proresolving Mediators—the When and Where. Microbiology Spectrum, 2016, 4, .	3.0	86
61	The Protectin PCTR1 Is Produced by Human M2 Macrophages and Enhances Resolution of Infectious Inflammation. American Journal of Pathology, 2016, 186, 962-973.	3.8	83
62	Human Periodontal Stem Cells Release Specialized Proresolving Mediators and Carry Immunomodulatory and Prohealing Properties Regulated by Lipoxins. Stem Cells Translational Medicine, 2016, 5, 20-32.	3.3	82
63	Resolvin D4 stereoassignment and its novel actions in host protection and bacterial clearance. Scientific Reports, 2016, 6, 18972.	3.3	81
64	Aspirin-triggered resolvin D1 is produced during self-resolving gram-negative bacterial pneumonia and regulates host immune responses for the resolution of lung inflammation. Mucosal Immunology, 2016, 9, 1278-1287.	6.0	81
65	Resolvins attenuate inflammation and promote resolution in cigarette smoke-exposed human macrophages. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L888-L901.	2.9	79
66	Maresin conjugates in tissue regeneration biosynthesis enzymes in human macrophages. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12232-12237.	7.1	79
67	Microscale arrays for the profiling of start and stop signals coordinating human-neutrophil swarming. Nature Biomedical Engineering, 2017, 1, .	22.5	74
68	Annexin A1 regulates neutrophil clearance by macrophages in the mouse bone marrow. FASEB Journal, 2012, 26, 387-396.	0.5	73
69	A mosquito lipoxin/lipocalin complex mediates innate immune priming in Anopheles gambiae. Nature Communications, 2015, 6, 7403.	12.8	73
70	Maresin 1 Biosynthesis and Proresolving Anti-infective Functions with Human-Localized Aggressive Periodontitis Leukocytes. Infection and Immunity, 2016, 84, 658-665.	2.2	72
71	Neutrophil Resolvin E1 Receptor Expression and Function in Type 2 Diabetes. Journal of Immunology, 2017, 198, 718-728.	0.8	69
72	Investigational Analysis Reveals a Potential Role for Neutrophils in Giant-Cell Arteritis Disease Progression. Circulation Research, 2014, 114, 242-248.	4.5	68

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73	Pro-resolving mediators promote resolution in a human skin model of UV-killed <i>Escherichia coli</i> -driven acute inflammation. <i>JCI Insight</i> , 2018, 3, .	5.0	66
74	Lipid Mediator Metabolomics Via LC-MS/MS Profiling and Analysis. <i>Methods in Molecular Biology</i> , 2018, 1730, 59-72.	0.9	65
75	Identification and Actions of the Maresin 1 Metabolome in Infectious Inflammation. <i>Journal of Immunology</i> , 2016, 197, 4444-4452.	0.8	64
76	Design and characterization of a cleavage-resistant Annexin A1 mutant to control inflammation in the microvasculature. <i>Blood</i> , 2010, 116, 4288-4296.	1.4	63
77	GPR101 mediates the pro-resolving actions of RvD5n-3 DPA in arthritis and infections. <i>Journal of Clinical Investigation</i> , 2019, 130, 359-373.	8.2	63
78	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
79	Genetic Ablation of the <i>Fpr1</i> Gene Confers Protection from Smoking-Induced Lung Emphysema in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012, 47, 332-339.	2.9	58
80	Functional and Ultrastructural Analysis of Annexin A1 and Its Receptor in Extravasating Neutrophils during Acute Inflammation. <i>American Journal of Pathology</i> , 2009, 174, 177-183.	3.8	57
81	Recent advances in the chemistry and biology of anti-inflammatory and specialized pro-resolving mediators biosynthesized from n-3 docosapentaenoic acid. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 2259-2266.	2.2	57
82	Evidence for an Anti-Inflammatory Loop Centered on Polymorphonuclear Leukocyte Formyl Peptide Receptor 2/Lipoxin A4 Receptor and Operative in the Inflamed Microvasculature. <i>Journal of Immunology</i> , 2011, 186, 4905-4914.	0.8	56
83	The Regulation of Proresolving Lipid Mediator Profiles in Baboon Pneumonia by Inhaled Carbon Monoxide. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 53, 314-325.	2.9	56
84	Carbon Monoxide Improves Efficacy of Mesenchymal Stromal Cells During Sepsis by Production of Specialized Proresolving Lipid Mediators*. <i>Critical Care Medicine</i> , 2016, 44, e1236-e1245.	0.9	56
85	Total Synthesis of the Anti-inflammatory and Pro-resolving Lipid Mediator MaR1 _{n-3} DPA Utilizing an sp ³ -sp ³ Negishi Cross-Coupling Reaction. <i>Chemistry - A European Journal</i> , 2014, 20, 14575-14578.	3.3	55
86	n-3 Docosapentaenoic acid-derived protectin D1 promotes resolution of neuroinflammation and arrests epileptogenesis. <i>Brain</i> , 2018, 141, 3130-3143.	7.6	55
87	Identification and Actions of a Novel Third Maresin Conjugate in Tissue Regeneration: MCTR3. <i>PLoS ONE</i> , 2016, 11, e0149319.	2.5	54
88	Does promoting resolution instead of inhibiting inflammation represent the new paradigm in treating infections?. <i>Molecular Aspects of Medicine</i> , 2017, 58, 12-20.	6.4	52
89	Impaired Production and Diurnal Regulation of Vascular RvD _{n-3} DPA Increase Systemic Inflammation and Cardiovascular Disease. <i>Circulation Research</i> , 2018, 122, 855-863.	4.5	52
90	Stereoselective synthesis of protectin D1: a potent anti-inflammatory and proresolving lipid mediator. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 432-437.	2.8	51

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91	Blood pro-resolving mediators are linked with synovial pathology and are predictive of DMARD responsiveness in rheumatoid arthritis. <i>Nature Communications</i> , 2020, 11, 5420.	12.8	51
92	Contributions of the Three CYP1 Monooxygenases to Pro-Inflammatory and Inflammation-Resolution Lipid Mediator Pathways. <i>Journal of Immunology</i> , 2013, 191, 3347-3357.	0.8	50
93	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
94	Resolvin D3 and Aspirin-Triggered Resolvin D3 Are Protective for Injured Epithelia. <i>American Journal of Pathology</i> , 2016, 186, 1801-1813.	3.8	47
95	Albumin Counteracts Immune-Suppressive Effects of Lipid Mediators in Patients With Advanced Liver Disease. <i>Clinical Gastroenterology and Hepatology</i> , 2018, 16, 738-747.e7.	4.4	47
96	PDn-3 DPA Pathway Regulates Human Monocyte Differentiation and Macrophage Function. <i>Cell Chemical Biology</i> , 2018, 25, 749-760.e9.	5.2	46
97	Disrupted Resolution Mechanisms Favor Altered Phagocyte Responses in COVID-19. <i>Circulation Research</i> , 2021, 129, e54-e71.	4.5	46
98	The novel lipid mediator PD1n-3 DPA: An overview of the structural elucidation, synthesis, biosynthesis and bioactions. <i>Prostaglandins and Other Lipid Mediators</i> , 2017, 133, 103-110.	1.9	45
99	Leukocytes from obese individuals exhibit an impaired SPM signature. <i>FASEB Journal</i> , 2019, 33, 7072-7083.	0.5	45
100	Inflammatory arthritis disrupts gut resolution mechanisms, promoting barrier breakdown by <i>Porphyromonas gingivalis</i> . <i>JCI Insight</i> , 2019, 4, .	5.0	44
101	Synthesis and Anti-inflammatory and Pro-resolving Activities of 22-OH-PD1, a Monohydroxylated Metabolite of Protectin D1. <i>Journal of Natural Products</i> , 2014, 77, 2241-2247.	3.0	39
102	Synthesis of the 16 <i>S</i> ,17 <i>S</i> -Epoxyprotectin Intermediate in the Biosynthesis of Protectins by Human Macrophages. <i>Journal of Natural Products</i> , 2015, 78, 2924-2931.	3.0	39
103	Cell-cell interactions and bronchoconstrictor eicosanoid reduction with inhaled carbon monoxide and resolvin D1. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 307, L746-L757.	2.9	36
104	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
105	Dysregulated plasma lipid mediator profiles in critically ill COVID-19 patients. <i>PLoS ONE</i> , 2021, 16, e0256226.	2.5	34
106	Microparticles are novel effectors of immunity. <i>Current Opinion in Pharmacology</i> , 2013, 13, 570-575.	3.5	33
107	Proresolving mediator profiles in cerebrospinal fluid are linked with disease severity and outcome in adults with tuberculous meningitis. <i>FASEB Journal</i> , 2019, 33, 13028-13039.	0.5	33
108	Annexin A1 N-Terminal Derived Peptide Ac2-26 Exerts Chemokinetic Effects on Human Neutrophils. <i>Frontiers in Pharmacology</i> , 2012, 3, 28.	3.5	32

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109	Gene expression signature-based approach identifies a pro-resolving mechanism of action for histone deacetylase inhibitors. <i>Cell Death and Differentiation</i> , 2013, 20, 567-575.	11.2	32
110	CFTR Inhibition Provokes an Inflammatory Response Associated with an Imbalance of the Annexin A1 Pathway. <i>American Journal of Pathology</i> , 2010, 177, 176-186.	3.8	31
111	Biphasic Modulation of NO ₂ Expression, Protein and Nitrite Products by Hydroxocobalamin Underlies Its Protective Effect in Endotoxemic Shock: Downstream Regulation of COX-2, IL-1 β and TNF- α . <i>Journal of Experimental Medicine</i> , 2010, 207, 101-112.	3.0	30
112	Specialized Pro-Resolving Mediators from Omega-3 Fatty Acids Improve Amyloid- β Phagocytosis and Regulate Inflammation in Patients with Minor Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2015, 48, 293-301.	2.6	30
113	Platelets orchestrate the resolution of pulmonary inflammation in mice by T reg cell repositioning and macrophage education. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	30
114	Synthesis of 13-Hydroxy-7,10,13-Tricosapentaenoic Acid (13-HDPA) and Its Biosynthetic Conversion to the 13-Series Resolvins. <i>Journal of Natural Products</i> , 2016, 79, 2693-2702.	3.0	28
115	Imbalance of proresolving lipid mediators in persistent allodynia dissociated from signs of clinical arthritis. <i>Pain</i> , 2020, 161, 2155-2166.	4.2	28
116	A Single Injection of Docosahexaenoic Acid Induces a Pro-Resolving Lipid Mediator Profile in the Injured Tissue and a Long-Lasting Reduction in Neurological Deficit after Traumatic Brain Injury in Mice. <i>Journal of Neurotrauma</i> , 2020, 37, 66-79.	3.4	27
117	Treatment With a Marine Oil Supplement Alters Lipid Mediators and Leukocyte Phenotype in Healthy Patients and Those With Peripheral Artery Disease. <i>Journal of the American Heart Association</i> , 2020, 9, e016113.	3.7	27
118	Vagus nerve stimulation promotes resolution of inflammation by a mechanism that involves Alox15 and requires the $\alpha 7$ nAChR subunit. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	27
119	13-Series resolvins mediate the leukocyte-platelet actions of atorvastatin and pravastatin in inflammatory arthritis. <i>FASEB Journal</i> , 2017, 31, 3636-3648.	0.5	25
120	Polyunsaturated fatty acids modify the extracellular vesicle membranes and increase the production of proresolving lipid mediators of human mesenchymal stromal cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 1350-1362.	2.4	24
121	Lipid mediators of inflammation and Resolution in individuals with tuberculosis and tuberculosis-Diabetes. <i>Prostaglandins and Other Lipid Mediators</i> , 2020, 147, 106398.	1.9	24
122	Resolving inflammation by using nutrition therapy. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2017, 20, 145-152.	2.5	23
123	Prolonged immune alteration following resolution of acute inflammation in humans. <i>PLoS ONE</i> , 2017, 12, e0186964.	2.5	23
124	Immunoresolvents signaling molecules at intersection between the brain and immune system. <i>Current Opinion in Immunology</i> , 2018, 50, 48-54.	5.5	23
125	Early increase of specialized pro-resolving lipid mediators in patients with ST-elevation myocardial infarction. <i>EBioMedicine</i> , 2019, 46, 264-273.	6.1	23
126	Lipid mediators in platelet concentrate and extracellular vesicles: Molecular mechanisms from membrane glycerophospholipids to bioactive molecules. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 1168-1182.	2.4	23

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127	RvE1 Attenuates Polymicrobial Sepsis-Induced Cardiac Dysfunction and Enhances Bacterial Clearance. <i>Frontiers in Immunology</i> , 2020, 11, 2080.	4.8	23
128	Proresolving Mediators LXB4 and RvE1 Regulate Inflammation in Stromal Cells from Patients with Shoulder Tendon Tears. <i>American Journal of Pathology</i> , 2019, 189, 2258-2268.	3.8	22
129	Differential sensitivity of inflammatory macrophages and alternatively activated macrophages to ferroptosis. <i>European Journal of Immunology</i> , 2021, 51, 2417-2429.	2.9	22
130	Resolving Inflammation: Synthesis, Configurational Assignment, and Biological Evaluations of RvD1. <i>Chemistry - A European Journal</i> , 2019, 25, 1476-1480.	3.3	20
131	A combination of LCPUFA ameliorates airway inflammation in asthmatic mice by promoting pro-resolving effects and reducing adverse effects of EPA. <i>Mucosal Immunology</i> , 2020, 13, 481-492.	6.0	20
132	Aspirin activates resolution pathways to reprogram T cell and macrophage responses in colitis-associated colorectal cancer. <i>Science Advances</i> , 2022, 8, eabl5420.	10.3	20
133	15-Epi-LXA ₄ and MaR1 counter inflammation in stromal cells from patients with Achilles tendinopathy and rupture. <i>FASEB Journal</i> , 2019, 33, 8043-8054.	0.5	19
134	Stereocontrolled synthesis and investigation of the biosynthetic transformations of 16(S),17(S)-epoxy-PDn-3 DPA. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 8606-8613.	2.8	18
135	Changes in brown adipose tissue lipid mediator signatures with aging, obesity, and DHA supplementation in female mice. <i>FASEB Journal</i> , 2021, 35, e21592.	0.5	18
136	Downstream Gene Activation of the Receptor ALX by the Agonist Annexin A1. <i>PLoS ONE</i> , 2010, 5, e12771.	2.5	17
137	Splenic Nerve Neuromodulation Reduces Inflammation and Promotes Resolution in Chronically Implanted Pigs. <i>Frontiers in Immunology</i> , 2021, 12, 649786.	4.8	17
138	<i>Trypanosoma cruzi</i> Produces the Specialized Proresolving Mediators Resolvin D1, Resolvin D5, and Resolvin E2. <i>Infection and Immunity</i> , 2018, 86, .	2.2	16
139	Endogenously generated arachidonate-derived ligands for TRPV1 induce cardiac protection in sepsis. <i>FASEB Journal</i> , 2018, 32, 3816-3831.	0.5	16
140	Resolvin D1 Attenuates the Organ Injury Associated With Experimental Hemorrhagic Shock. <i>Annals of Surgery</i> , 2021, 273, 1012-1021.	4.2	16
141	Loss of 15-lipoxygenase disrupts Treg differentiation altering their pro-resolving functions. <i>Cell Death and Differentiation</i> , 2021, 28, 3140-3160.	11.2	16
142	Increased 15-PGDH expression leads to dysregulated resolution responses in stromal cells from patients with chronic tendinopathy. <i>Scientific Reports</i> , 2017, 7, 11009.	3.3	13
143	Characterizing the anti-inflammatory and tissue protective actions of a novel Annexin A1 peptide. <i>PLoS ONE</i> , 2017, 12, e0175786.	2.5	13
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