Jesmond Dalli

List of Publications by Year
in descending order

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183	14,223	14614 66	22102 113
papers	citations	h-index	g-index

190	190	190	12861
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The resolution code of acute inflammation: Novel pro-resolving lipid mediators in resolution. Seminars in Immunology, 2015, 27, 200-215.	2.7	443
2	Specific lipid mediator signatures of human phagocytes: microparticles stimulate macrophage efferocytosis and pro-resolving mediators. Blood, 2012, 120, e60-e72.	0.6	441
3	Macrophage proresolving mediator maresin 1 stimulates tissue regeneration and controls pain. FASEB Journal, 2012, 26, 1755-1765.	0.2	401
4	Lipid Mediators in the Resolution of Inflammation. Cold Spring Harbor Perspectives in Biology, 2015, 7, a016311.	2.3	389
5	Identification and signature profiles for pro-resolving and inflammatory lipid mediators in human tissue. American Journal of Physiology - Cell Physiology, 2014, 307, C39-C54.	2.1	370
6	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.	1.2	360
7	Requirement for the histone deacetylase Hdac3 for the inflammatory gene expression program in macrophages. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E2865-74.	3.3	327
8	Identification of resolvin D2 receptor mediating resolution of infections and organ protection. Journal of Experimental Medicine, 2015, 212, 1203-1217.	4.2	320
9	Anti-Inflammatory Role of the Murine Formyl-Peptide Receptor 2: Ligand-Specific Effects on Leukocyte Responses and Experimental Inflammation. Journal of Immunology, 2010, 184, 2611-2619.	0.4	275
10	Proresolving lipid mediators resolvin D1, resolvin D2, and maresin 1 are critical in modulating T cell responses. Science Translational Medicine, 2016, 8, 353ra111.	5.8	273
11	Annexin 1 mediates the rapid anti-inflammatory effects of neutrophil-derived microparticles. Blood, 2008, 112, 2512-2519.	0.6	246
12	The novel 13S,14Sâ€epoxyâ€maresin is converted by human macrophages to maresin 1 (MaR1), inhibits leukotriene A₄hydrolase (LTA₄H), and shifts macrophage phenotype. FASEB Journal, 2013, 27, 2573-2583.	0.2	232
13	Resolvin D1 and Resolvin D2 Govern Local Inflammatory Tone in Obese Fat. Journal of Immunology, 2012, 189, 2597-2605.	0.4	222
14	Resolvin D1 Limits Polymorphonuclear Leukocyte Recruitment to Inflammatory Loci. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1970-1978.	1.1	216
15	Elucidation of novel 13-series resolvins that increase with atorvastatin and clear infections. Nature Medicine, 2015, 21, 1071-1075.	15.2	215
16	Resolvin D3 and Aspirin-Triggered Resolvin D3 Are Potent Immunoresolvents. Chemistry and Biology, 2013, 20, 188-201.	6.2	204
17	Resolvins suppress tumor growth and enhance cancer therapy. Journal of Experimental Medicine, 2018, 215, 115-140.	4.2	200
18	Novel n-3 Immunoresolvents: Structures and Actions. Scientific Reports, 2013, 3, 1940.	1.6	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. Journal of Molecular and Cellular Cardiology, 2015, 84, 24-35.	0.9	194
20	New pro-resolving n-3 mediators bridge resolution of infectious inflammation to tissue regeneration. Molecular Aspects of Medicine, 2018, 64, 1-17.	2.7	186
21	Heterogeneity in Neutrophil Microparticles Reveals Distinct Proteome and Functional Properties. Molecular and Cellular Proteomics, 2013, 12, 2205-2219.	2.5	178
22	Lipid and lipid mediator profiling of human synovial fluid in rheumatoid arthritis patients by means of LCâ€“MS/MS. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2012, 1821, 1415-1424.	1.2	173
23	Lipoxin A4 Attenuates Obesity-Induced Adipose Inflammation and Associated Liver and Kidney Disease. Cell Metabolism, 2015, 22, 125-137.	7.2	170
24	Polyunsaturated fatty acids and fatty acid-derived lipid mediators: Recent advances in the understanding of their biosynthesis, structures, and functions. Progress in Lipid Research, 2022, 86, 101165.	5.3	164
25	Human Sepsis Eicosanoid and Proresolving Lipid Mediator Temporal Profiles: Correlations With Survival and Clinical Outcomes. Critical Care Medicine, 2017, 45, 58-68.	0.4	160
26	FPR2/ALX receptor expression and internalization are critical for lipoxin A₄and annexinâ€derived peptideâ€stimulated phagocytosis. FASEB Journal, 2010, 24, 4240-4249.	0.2	159
27	Cutting Edge: Maresin-1 Engages Regulatory T Cells To Limit Type 2 Innate Lymphoid Cell Activation and Promote Resolution of Lung Inflammation. Journal of Immunology, 2015, 194, 863-867.	0.4	155
28	Proresolving and cartilage-protective actions of resolvin D1 in inflammatory arthritis. JCI Insight, 2016, 1, e85922.	2.3	150
29	Maresin 1 biosynthesis during plateletâ€neutrophil interactions is organ-protective. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16526-16531.	3.3	144
30	Vagus nerve controls resolution and pro-resolving mediators of inflammation. Journal of Experimental Medicine, 2014, 211, 1037-1048.	4.2	143
31	Plasma Metabolomics in Human Pulmonary Tuberculosis Disease: A Pilot Study. PLoS ONE, 2014, 9, e108854.	1.1	140
32	Protectin D1 _{n-3 DPA} and resolvin D5 _{n-3 DPA} are effectors of intestinal protection. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3963-3968.	3.3	134
33	Aging Delays Resolution of Acute Inflammation in Mice: Reprogramming the Host Response with Novel Nano-Proresolving Medicines. Journal of Immunology, 2014, 193, 4235-4244.	0.4	131
34	Maresin Biosynthesis and Identification of Maresin 2, a New Anti-Inflammatory and Pro-Resolving Mediator from Human Macrophages. PLoS ONE, 2014, 9, e102362.	1.1	130
35	NLRP3 Inflammasome Deficiency Protects against Microbial Sepsis via Increased Lipoxin B₄Synthesis. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 713-726.	2.5	126
36	Exploiting the Annexin A1 pathway for the development of novel antiâ€inflammatory therapeutics. British Journal of Pharmacology, 2009, 158, 936-946.	2.7	122

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37	Vagal Regulation of Group 3 Innate Lymphoid Cells and the Immunoresolvent PCTR1 Controls Infection Resolution. Immunity, 2017, 46, 92-105.	6.6	122
38	Pro-Resolving Mediators in Regulating and Conferring Macrophage Function. Frontiers in Immunology, 2017, 8, 1400.	2.2	120
39	Proresolving Nanomedicines Activate Bone Regeneration in Periodontitis. Journal of Dental Research, 2015, 94, 148-156.	2.5	114
40	Plasticity of Leukocytic Exudates in Resolving Acute Inflammation Is Regulated by MicroRNA and Proresolving Mediators. Immunity, 2013, 39, 885-898.	6.6	113
41	Accelerated resolution of inflammation underlies sex differences in inflammatory responses in humans. Journal of Clinical Investigation, 2016, 127, 169-182.	3.9	113
42	Specialized proresolving lipid mediators in patients with coronary artery disease and their potential for clot remodeling. FASEB Journal, 2016, 30, 2792-2801.	0.2	110
43	Identification and structure elucidation of the proâ€resolving mediators provides novel leads for resolution pharmacology. British Journal of Pharmacology, 2019, 176, 1024-1037.	2.7	108
44	Activation of the annexin 1 counterâ€regulatory circuit affords protection in the mouse brain microcirculation. FASEB Journal, 2007, 21, 1751-1758.	0.2	107
45	Inhaled Carbon Monoxide Accelerates Resolution of Inflammation via Unique Proresolving Mediatorâ€“Heme Oxygenase-1 Circuits. Journal of Immunology, 2013, 190, 6378-6388.	0.4	106
46	Resolvin D3 Is Dysregulated in Arthritis and Reduces Arthritic Inflammation. Journal of Immunology, 2016, 197, 2362-2368.	0.4	106
47	Human milk proresolving mediators stimulate resolution of acute inflammation. Mucosal Immunology, 2016, 9, 757-766.	2.7	106
48	ERV1/ChemR23 Signaling Protects Against Atherosclerosis by Modifying Oxidized Low-Density Lipoprotein Uptake and Phagocytosis in Macrophages. Circulation, 2018, 138, 1693-1705.	1.6	106
49	Self-Limited versus Delayed Resolution of Acute Inflammation: Temporal Regulation of Pro-Resolving Mediators and MicroRNA. Scientific Reports, 2012, 2, 639.	1.6	102
50	Identification of 14-series sulfido-conjugated mediators that promote resolution of infection and organ protection. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4753-61.	3.3	101
51	A randomised double blind placebo controlled phase 2 trial of adjunctive aspirin for tuberculous meningitis in HIV-uninfected adults. ELife, 2018, 7, .	2.8	101
52	Novel proresolving and tissueâ€regenerative resolvin and protectin sulfidoâ€conjugated pathways. FASEB Journal, 2015, 29, 2120-2136.	0.2	100
53	Immune resolution mechanisms in inflammatory arthritis. Nature Reviews Rheumatology, 2017, 13, 87-99.	3.5	96
54	Enriched Marine Oil Supplements Increase Peripheral Blood Specialized Pro-Resolving Mediators Concentrations and Reprogram Host Immune Responses. Circulation Research, 2020, 126, 75-90.	2.0	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.	3.3	91
56	Proresolving and Tissue-Protective Actions of Annexin A1â€“Based Cleavage-Resistant Peptides Are Mediated by Formyl Peptide Receptor 2/Lipoxin A4 Receptor. Journal of Immunology, 2013, 190, 6478-6487.	0.4	89
57	Microparticle alphaâ€2â€macroglobulin enhances proâ€resolving responses and promotes survival in sepsis. EMBO Molecular Medicine, 2014, 6, 27-42.	3.3	87
58	Total Synthesis of the Lipid Mediator PD1_{n-3ÂDPA}: Configurational Assignments and Anti-inflammatory and Pro-resolving Actions. Journal of Natural Products, 2014, 77, 910-916.	1.5	87
59	Signaling and Immunoresolving Actions of Resolvin D1 in Inflamed Human Visceral Adipose Tissue. Journal of Immunology, 2016, 197, 3360-3370.	0.4	87
60	Macrophage Proresolving Mediatorsâ€”the When and Where. Microbiology Spectrum, 2016, 4, .	1.2	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.	1.9	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.	1.6	82
63	Resolvin D4 stereoassignment and its novel actions in host protection and bacterial clearance. Scientific Reports, 2016, 6, 18972.	1.6	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.	2.7	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.	1.3	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.	3.3	79
67	Microscale arrays for the profiling of start and stop signals coordinating human-neutrophil swarming. Nature Biomedical Engineering, 2017, 1, .	11.6	74
68	Annexin A1 regulates neutrophil clearance by macrophages in the mouse bone marrow. FASEB Journal, 2012, 26, 387-396.	0.2	73
69	A mosquito lipoxin/lipocalin complex mediates innate immune priming in Anopheles gambiae. Nature Communications, 2015, 6, 7403.	5.8	73
70	Maresin 1 Biosynthesis and Proresolving Anti-infective Functions with Human-Localized Aggressive Periodontitis Leukocytes. Infection and Immunity, 2016, 84, 658-665.	1.0	72
71	Neutrophil Resolvin E1 Receptor Expression and Function in Type 2 Diabetes. Journal of Immunology, 2017, 198, 718-728.	0.4	69
72	Investigational Analysis Reveals a Potential Role for Neutrophils in Giant-Cell Arteritis Disease Progression. Circulation Research, 2014, 114, 242-248.	2.0	68

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73	Pro-resolving mediators promote resolution in a human skin model of UV-killed Escherichia coliâ€“driven acute inflammation. JCI Insight, 2018, 3, .	2.3	66
74	Lipid Mediator Metabolomics Via LC-MS/MS Profiling and Analysis. Methods in Molecular Biology, 2018, 1730, 59-72.	0.4	65
75	Identification and Actions of the Maresin 1 Metabolome in Infectious Inflammation. Journal of Immunology, 2016, 197, 4444-4452.	0.4	64
76	Design and characterization of a cleavage-resistant Annexin A1 mutant to control inflammation in the microvasculature. Blood, 2010, 116, 4288-4296.	0.6	63
77	GPR101 mediates the pro-resolving actions of RvD5n-3 DPA in arthritis and infections. Journal of Clinical Investigation, 2019, 130, 359-373.	3.9	63
78	Proresolving actions of a new resolvin D1 analog mimetic qualifies as an immunoresolvent. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 308, L904-L911.	1.3	62
79	Genetic Ablation of the Fpr1 Gene Confers Protection from Smoking-Induced Lung Emphysema in Mice. American Journal of Respiratory Cell and Molecular Biology, 2012, 47, 332-339.	1.4	58
80	Functional and Ultrastructural Analysis of Annexin A1 and Its Receptor in Extravasating Neutrophils during Acute Inflammation. American Journal of Pathology, 2009, 174, 177-183.	1.9	57
81	Recent advances in the chemistry and biology of anti-inflammatory and specialized pro-resolving mediators biosynthesized from n-3 docosapentaenoic acid. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 2259-2266.	1.0	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. Journal of Immunology, 2011, 186, 4905-4914.	0.4	56
83	The Regulation of Proresolving Lipid Mediator Profiles in Baboon Pneumonia by Inhaled Carbon Monoxide. American Journal of Respiratory Cell and Molecular Biology, 2015, 53, 314-325.	1.4	56
84	Carbon Monoxide Improves Efficacy of Mesenchymal Stromal Cells During Sepsis by Production of Specialized Proresolving Lipid Mediators*. Critical Care Medicine, 2016, 44, e1236-e1245.	0.4	56
85	Total Synthesis of the Antiâ€inflammatory and Proâ€resolving Lipid Mediator MaR1_{nâ^'3 DPA} Utilizing an sp³â€“sp³ Negishi Crossâ€Coupling Reaction. Chemistry - A European Journal, 2014, 20, 14575-14578.	1.7	55
86	n-3 Docosapentaenoic acid-derived protectin D1 promotes resolution of neuroinflammation and arrests epileptogenesis. Brain, 2018, 141, 3130-3143.	3.7	55
87	Identification and Actions of a Novel Third Maresin Conjugate in Tissue Regeneration: MCTR3. PLoS ONE, 2016, 11, e0149319.	1.1	54
88	Does promoting resolution instead of inhibiting inflammation represent the new paradigm in treating infections?. Molecular Aspects of Medicine, 2017, 58, 12-20.	2.7	52
89	Impaired Production and Diurnal Regulation of Vascular RvD _{n-3 DPA} Increase Systemic Inflammation and Cardiovascular Disease. Circulation Research, 2018, 122, 855-863.	2.0	52
90	Stereoselective synthesis of protectin D1: a potent anti-inflammatory and proresolving lipid mediator. Organic and Biomolecular Chemistry, 2014, 12, 432-437.	1.5	51

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91	Blood pro-resolving mediators are linked with synovial pathology andÂare predictive of DMARD responsiveness in rheumatoid arthritis. Nature Communications, 2020, 11, 5420.	5.8	51
92	Contributions of the Three CYP1 Monooxygenases to Pro-Inflammatory and Inflammation-Resolution Lipid Mediator Pathways. Journal of Immunology, 2013, 191, 3347-3357.	0.4	50
93	Cutting Edge: Parathyroid Hormone Facilitates Macrophage Efferocytosis in Bone Marrow via Proresolving Mediators Resolvin D1 and Resolvin D2. Journal of Immunology, 2014, 193, 26-29.	0.4	49
94	Resolvin D3 and Aspirin-Triggered Resolvin D3 Are Protective for Injured Epithelia. American Journal of Pathology, 2016, 186, 1801-1813.	1.9	47
95	Albumin Counteracts Immune-Suppressive Effects of Lipid Mediators in Patients With Advanced Liver Disease. Clinical Gastroenterology and Hepatology, 2018, 16, 738-747.e7.	2.4	47
96	PDn-3 DPA Pathway Regulates Human Monocyte Differentiation and Macrophage Function. Cell Chemical Biology, 2018, 25, 749-760.e9.	2.5	46
97	Disrupted Resolution Mechanisms Favor Altered Phagocyte Responses in COVID-19. Circulation Research, 2021, 129, e54-e71.	2.0	46
98	The novel lipid mediator PD1n-3 DPA: An overview of the structural elucidation, synthesis, biosynthesis and bioactions. Prostaglandins and Other Lipid Mediators, 2017, 133, 103-110.	1.0	45
99	Leukocytes from obese individuals exhibit an impaired SPM signature. FASEB Journal, 2019, 33, 7072-7083.	0.2	45
100	Inflammatory arthritis disrupts gut resolution mechanisms, promoting barrier breakdown by Porphyromonas gingivalis. JCI Insight, 2019, 4, .	2.3	44
101	Synthesis and Anti-inflammatory and Pro-resolving Activities of 22-OH-PD1, a Monohydroxylated Metabolite of Protectin D1. Journal of Natural Products, 2014, 77, 2241-2247.	1.5	39
102	Synthesis of the 16S,17S-Epoxyprotectin Intermediate in the Biosynthesis of Protectins by Human Macrophages. Journal of Natural Products, 2015, 78, 2924-2931.	1.5	39
103	Cell-cell interactions and bronchoconstrictor eicosanoid reduction with inhaled carbon monoxide and resolvin D1. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 307, L746-L757.	1.3	36
104	New maresin conjugates in tissue regeneration pathway counters leukotriene D₄â€“stimulated vascular responses. FASEB Journal, 2018, 32, 4043-4052.	0.2	35
105	Dysregulated plasma lipid mediator profiles in critically ill COVID-19 patients. PLoS ONE, 2021, 16, e0256226.	1.1	34
106	Microparticles are novel effectors of immunity. Current Opinion in Pharmacology, 2013, 13, 570-575.	1.7	33
107	Proresolving mediator profiles in cerebrospinal fluid are linked with disease severity and outcome in adults with tuberculous meningitis. FASEB Journal, 2019, 33, 13028-13039.	0.2	33
108	Annexin A1 N-Terminal Derived Peptide Ac2-26 Exerts Chemokinetic Effects on Human Neutrophils. Frontiers in Pharmacology, 2012, 3, 28.	1.6	32

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109	Gene expression signature-based approach identifies a pro-resolving mechanism of action for histone deacetylase inhibitors. Cell Death and Differentiation, 2013, 20, 567-575.	5.0	32
110	CFTR Inhibition Provokes an Inflammatory Response Associated with an Imbalance of the Annexin A1 Pathway. American Journal of Pathology, 2010, 177, 176-186.	1.9	31
111	Biphasic Modulation of NOS Expression, Protein and Nitrite Products by Hydroxocobalamin Underlies Its Protective Effect in Endotoxemic Shock: Downstream Regulation of COX-2, IL-1<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:mi mathvariant="bold-italic">Î²</mml:mi></mml:mrow></mml:math>, TNF-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M2"><mml:mrow><mml:mi	1.4	30
112	Cardiovascular Bioactivity of Specialized Pro-Resolving Mediators from Omega-3 Fatty Acids Improve Amyloid-Î² Phagocytosis and Regulate Inflammation inÂPatients with Minor Cognitive Impairment. Journal of Alzheimer's Disease, 2015, 48, 293-301.	1.2	30
113	Platelets orchestrate the resolution of pulmonary inflammation in mice by T reg cell repositioning and macrophage education. Journal of Experimental Medicine, 2021, 218, .	4.2	30
114	Synthesis of 13(R)-Hydroxy-7Z,10Z,13R,14E,16Z,19Z Docosapentaenoic Acid (13R-HDPA) and Its Biosynthetic Conversion to the 13-Series Resolvins. Journal of Natural Products, 2016, 79, 2693-2702.	1.5	28
115	Imbalance of proresolving lipid mediators in persistent allodynia dissociated from signs of clinical arthritis. Pain, 2020, 161, 2155-2166.	2.0	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. Journal of Neurotrauma, 2020, 37, 66-79.	1.7	27
117	Treatment With a Marine Oil Supplement Alters Lipid Mediators and Leukocyte Phenotype in Healthy Patients and Those With Peripheral Artery Disease. Journal of the American Heart Association, 2020, 9, e016113.	1.6	27
118	Vagus nerve stimulation promotes resolution of inflammation by a mechanism that involves Alox15 and requires the Î±7nAChR subunit. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	27
119	13â€Series resolvins mediate the leukocyteâ€platelet actions of atorvastatin and pravastatin in inflammatory arthritis. FASEB Journal, 2017, 31, 3636-3648.	0.2	25
120	Polyunsaturated fatty acids modify the extracellular vesicle membranes and increase the production of proresolving lipid mediators of human mesenchymal stromal cells. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2019, 1864, 1350-1362.	1.2	24
121	Lipid mediators of inflammation and Resolution in individuals with tuberculosis and tuberculosis-Diabetes. Prostaglandins and Other Lipid Mediators, 2020, 147, 106398.	1.0	24
122	Resolving inflammation by using nutrition therapy. Current Opinion in Clinical Nutrition and Metabolic Care, 2017, 20, 145-152.	1.3	23
123	Prolonged immune alteration following resolution of acute inflammation in humans. PLoS ONE, 2017, 12, e0186964.	1.1	23
124	Immunoresolvents signaling molecules at intersection between the brain and immune system. Current Opinion in Immunology, 2018, 50, 48-54.	2.4	23
125	Early increase of specialized pro-resolving lipid mediators in patients with ST-elevation myocardial infarction. EBioMedicine, 2019, 46, 264-273.	2.7	23
126	Lipid mediators in platelet concentrate and extracellular vesicles: Molecular mechanisms from membrane glycerophospholipids to bioactive molecules. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2019, 1864, 1168-1182.	1.2	23

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127	RvE1 Attenuates Polymicrobial Sepsis-Induced Cardiac Dysfunction and Enhances Bacterial Clearance. Frontiers in Immunology, 2020, 11, 2080.	2.2	23
128	Proresolving Mediators LXB4 and RvE1 Regulate Inflammation in Stromal Cells from Patients with Shoulder Tendon Tears. American Journal of Pathology, 2019, 189, 2258-2268.	1.9	22
129	Differential sensitivity of inflammatory macrophages and alternatively activated macrophages to ferroptosis. European Journal of Immunology, 2021, 51, 2417-2429.	1.6	22
130	Resolving Inflammation: Synthesis, Configurational Assignment, and Biological Evaluations of RvD1_{nâ”3â€‰DPA}. Chemistry - A European Journal, 2019, 25, 1476-1480.	1.7	20
131	A combination of LCPUFA ameliorates airway inflammation in asthmatic mice by promoting pro-resolving effects and reducing adverse effects of EPA. Mucosal Immunology, 2020, 13, 481-492.	2.7	20
132	Aspirin activates resolution pathways to reprogram T cell and macrophage responses in colitis-associated colorectal cancer. Science Advances, 2022, 8, eabl5420.	4.7	20
133	15â€Epiâ€Lxa ₄ and MaR1 counter inflammation in stromal cells from patients with Achilles tendinopathy and rupture. FASEB Journal, 2019, 33, 8043-8054.	0.2	19
134	Stereocontrolled synthesis and investigation of the biosynthetic transformations of 16(S),17(S)-epoxy-PD_{n-3 DPA}. Organic and Biomolecular Chemistry, 2017, 15, 8606-8613.	1.5	18
135	Changes in brown adipose tissue lipid mediator signatures with aging, obesity, and DHA supplementation in female mice. FASEB Journal, 2021, 35, e21592.	0.2	18
136	Downstream Gene Activation of the Receptor ALX by the Agonist Annexin A1. PLoS ONE, 2010, 5, e12771.	1.1	17
137	Splenic Nerve Neuromodulation Reduces Inflammation and Promotes Resolution in Chronically Implanted Pigs. Frontiers in Immunology, 2021, 12, 649786.	2.2	17
138	Trypanosoma cruzi Produces the Specialized Proresolving Mediators Resolvin D1, Resolvin D5, and Resolvin E2. Infection and Immunity, 2018, 86, .	1.0	16
139	Endogenously generated arachidonateâ€derived ligands for TRPV1 induce cardiac protection in sepsis. FASEB Journal, 2018, 32, 3816-3831.	0.2	16
140	Resolvin D1 Attenuates the Organ Injury Associated With Experimental Hemorrhagic Shock. Annals of Surgery, 2021, 273, 1012-1021.	2.1	16
141	Loss of 15-lipoxygenase disrupts Treg differentiation altering their pro-resolving functions. Cell Death and Differentiation, 2021, 28, 3140-3160.	5.0	16
142	Increased 15-PGDH expression leads to dysregulated resolution responses in stromal cells from patients with chronic tendinopathy. Scientific Reports, 2017, 7, 11009.	1.6	13
143	Characterizing the anti-inflammatory and tissue protective actions of a novel Annexin A1 peptide. PLoS ONE, 2017, 12, e0175786.	1.1	13
144	The GPR40 Agonist GW9508 Enhances Neutrophil Function to Aid Bacterial Clearance During E. coli Infections. Frontiers in Immunology, 2020, 11, 573019.	2.2	13

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145	Plantâ€•and Fishâ€Derived nâ€3 PUFAs Suppress Citrobacter Rodentiumâ€“Induced Colonic Inflammation. Molecular Nutrition and Food Research, 2020, 64, e1900873.	1.5	13
146	Immune Regulatory Mediators in Plasma from Patients With Acute Decompensation Are Associated With 3-Month Mortality. Clinical Gastroenterology and Hepatology, 2020, 18, 1207-1215.e6.	2.4	12
147	Protective activities of distinct omega-3 enriched oils are linked to their ability to upregulate specialized pro-resolving mediators. PLoS ONE, 2020, 15, e0242543.	1.1	12
148	Macrophages induce malignant traits in mammary epithelium via IKKÎµ/TBK1 kinases and the serine biosynthesis pathway. EMBO Molecular Medicine, 2020, 12, e10491.	3.3	11
149	Novel n-3 Docosapentaneoic Acid-Derived Pro-resolving Mediators Are Vasculoprotective and Mediate the Actions of Statins in Controlling Inflammation. Advances in Experimental Medicine and Biology, 2019, 1161, 65-75.	0.8	9
150	Synthesis, Structural Confirmation, and Biosynthesis of 22-OH-PD1n-3 DPA. Molecules, 2019, 24, 3228.	1.7	8
151	Lipoxins modulate neutrophil oxidative burst, integrin expression and lymphatic transmigration differentially in human health and atherosclerosis. FASEB Journal, 2022, 36, e22173.	0.2	8
152	MCTR3 reprograms arthritic monocytes to upregulate Arginase-1 and exert pro-resolving and tissue-protective functions in experimental arthritis. EBioMedicine, 2022, 79, 103974.	2.7	8
153	Characterization of the anti-inflammatory properties of NCX 429, a dual-acting compound releasing nitric oxide and naproxen. Life Sciences, 2015, 126, 28-36.	2.0	7
154	Sex differences in the inflammatory response and inflammation-induced vascular dysfunction. Lancet, The, 2017, 389, S20.	6.3	7
155	HIF1Î± activation in dendritic cells under sterile conditions promotes an anti-inflammatory phenotype through accumulation of intracellular lipids. Scientific Reports, 2020, 10, 20825.	1.6	7
156	ANGPTL3 deficiency alters the lipid profile and metabolism of cultured hepatocytes and human lipoproteins. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158679.	1.2	7
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