Paul C Norris

List of Publications by Year
in descending order

43 papers	3,563 citations	159585 30 h-index	265206 42 g-index
45 all docs	45 docs citations	45 times ranked	6031 citing authors

#	Article	IF	Citations
1	Eicosanoid storm in infection and inflammation. Nature Reviews Immunology, 2015, 15, 511-523.	22.7	1,107
2	Human macrophages differentially produce specific resolvin or leukotriene signals that depend on bacterial pathogenicity. Nature Communications, 2018, 9, 59.	12.8	211
3	Maresin 1 activates LGR6 receptor promoting phagocyte immunoresolvent functions. Journal of Clinical Investigation, 2019, 129, 5294-5311.	8.2	158
4	Omega-3 fatty acids cause dramatic changes in TLR4 and purinergic eicosanoid signaling. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8517-8522.	7.1	149
5	NLRP3 Inflammasome Deficiency Protects against Microbial Sepsis via Increased Lipoxin B₄Synthesis. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 713-726.	5.6	126
6	High-throughput lipidomic analysis of fatty acid derived eicosanoids and N-acylethanolamines. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2011, 1811, 724-736.	2.4	120
7	Phospholipase A₂regulates eicosanoid class switching during inflammasome activation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12746-12751.	7.1	113
8	Aspirin-triggered proresolving mediators stimulate resolution in cancer. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 6292-6297.	7.1	110
9	Novel proresolving and tissueâ€regenerative resolvin and protectin sulfidoâ€conjugated pathways. FASEB Journal, 2015, 29, 2120-2136.	0.5	100
10	Identification and Profiling of Specialized Pro-Resolving Mediators in Human Tears by Lipid Mediator Metabolomics. Prostaglandins Leukotrienes and Essential Fatty Acids, 2017, 117, 17-27.	2.2	99
11	Splenic leukocytes define the resolution of inflammation in heart failure. Science Signaling, 2018, 11, .	3.6	90
12	Specificity of eicosanoid production depends on the TLR-4-stimulated macrophage phenotype. Journal of Leukocyte Biology, 2011, 90, 563-574.	3.3	76
13	Specialized pro-resolving lipid mediators are differentially altered in peripheral blood of patients with multiple sclerosis and attenuate monocyte and blood-brain barrier dysfunction. Haematologica, 2020, 105, 2056-2070.	3.5	70
14	Identification of specialized pro-resolving mediator clusters from healthy adults after intravenous low-dose endotoxin and omega-3 supplementation: a methodological validation. Scientific Reports, 2018, 8, 18050.	3.3	69
15	Resolvin D4 attenuates the severity of pathological thrombosis in mice. Blood, 2019, 134, 1458-1468.	1.4	69
16	15-epi-Lipoxin A4, Resolvin D2, and Resolvin D3 Induce NF-ÎºB Regulators in Bacterial Pneumonia. Journal of Immunology, 2018, 200, 2757-2766.	0.8	63
17	Distal vessel stiffening is an early and pivotal mechanobiological regulator of vascular remodeling and pulmonary hypertension. JCI Insight, 2016, 1, .	5.0	58
18	A lipidomic perspective on inflammatory macrophage eicosanoid signaling. Advances in Biological Regulation, 2014, 54, 99-110.	2.3	55

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19	A cluster of immunoresolvents links coagulation to innate host defense in human blood. Science Signaling, 2017, 10, .	3.6	54
20	Potent Antiâ€Inflammatory and Proâ€Resolving Effects of Anabasum in a Human Model of Selfâ€Resolving Acute Inflammation. Clinical Pharmacology and Therapeutics, 2018, 104, 675-686.	4.7	52
21	Resolvin D3 multi-level proresolving actions are host protective during infection. Prostaglandins Leukotrienes and Essential Fatty Acids, 2018, 138, 81-89.	2.2	51
22	Resolution metabolomes activated by hypoxic environment. Science Advances, 2019, 5, eaax4895.	10.3	50
23	Resolution of sickle cell diseaseâ€“associated inflammation and tissue damage with 17R-resolvin D1. Blood, 2019, 133, 252-265.	1.4	50
24	Identification and Complete Stereochemical Assignments of the New Resolvin Conjugates in Tissue Regeneration in Human Tissues that Stimulate Proresolving Phagocyte Functions and Tissue Regeneration. American Journal of Pathology, 2018, 188, 950-966.	3.8	49
25	Lack of resolution sensor drives age-related cardiometabolic and cardiorenal defects and impedes inflammation-resolution in heart failure. Molecular Metabolism, 2020, 31, 138-149.	6.5	43
26	Systematic analysis of rat 12/15â€lipoxygenase enzymes reveals critical role for spinal eLOX3 hepoxilin synthase activity in inflammatory hyperalgesia. FASEB Journal, 2013, 27, 1939-1949.	0.5	40
27	Identification of proresolving and inflammatory lipid mediators in human psoriasis. Journal of Clinical Lipidology, 2018, 12, 1047-1060.	1.5	38
28	Specific oxylipins enhance vertebrate hematopoiesis via the receptor GPR132. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9252-9257.	7.1	38
29	Cysteinyl maresins regulate the prophlogistic lung actions of cysteinyl leukotrienes. Journal of Allergy and Clinical Immunology, 2020, 145, 335-344.	2.9	38
30	ERV1 Overexpression in Myeloid Cells Protects against High Fat Diet Induced Obesity and Glucose Intolerance. Scientific Reports, 2017, 7, 12848.	3.3	36
31	Pro-resolving lipid mediator lipoxin A4 attenuates neuro-inflammation by modulating TÂcell responses and modifies the spinal cord lipidome. Cell Reports, 2021, 35, 109201.	6.4	30
32	Frontline Science: Structural insights into Resolvin D4 actions and further metabolites via a new total organic synthesis and validation. Journal of Leukocyte Biology, 2018, 103, 995-1010.	3.3	28
33	Metabololipidomic profiling of functional immunoresolvent clusters and eicosanoids in mammalian tissues. Biochemical and Biophysical Research Communications, 2018, 504, 553-561.	2.1	28
34	Targeted Deletion and Lipidomic Analysis Identify Epithelial Cell COX-2 as a Major Driver of Chemically Induced Skin Cancer. Molecular Cancer Research, 2014, 12, 1677-1688.	3.4	21
35	Biosynthetic metabolomes of cysteinylâ€containing immunoresolvents. FASEB Journal, 2019, 33, 13794-13807.	0.5	20
36	Dietary Fish Oil Substitution Alters the Eicosanoid Profile in Ankle Joints of Mice during Lyme Infection. Journal of Nutrition, 2012, 142, 1582-1589.	2.9	15

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37	Inhibition of spinal 15-LOX-1 attenuates TLR4-dependent, nonsteroidal anti-inflammatory drugâ€“unresponsive hyperalgesia in male rats. Pain, 2018, 159, 2620-2629.	4.2	12
38	Computational Modeling of Competitive Metabolism between Ï‰3- and Ï‰6-Polyunsaturated Fatty Acids in Inflammatory Macrophages. Journal of Physical Chemistry B, 2016, 120, 8346-8353.	2.6	11
39	Endogenous Specialized Proresolving Mediator Profiles in a Novel Experimental Model of Lymphatic Obstruction and Intestinal Inflammation in African Green Monkeys. American Journal of Pathology, 2019, 189, 1953-1972.	3.8	10
40	Effects of Omegaâ€3 Fatty Acids on Lipid Metabolism and Signaling Using Lipidomic Analyses. FASEB Journal, 2010, 24, 475.1.	0.5	1
41	Omegaâ€3 Fatty Acids Cause Dramatic Changes in TLRâ€4 and Purinergic Eicosanoid Signaling in Macrophages. FASEB Journal, 2012, 26, 789.2.	0.5	0
42	Temporal and combinatorial control of proâ€resolution eicosanoid formation in TLR4 primed, purinergic receptor stimulated macrophages. FASEB Journal, 2013, 27, 813.13.	0.5	0
43	Elucidation of Resolvin and Protectin Sulfidoâ€Conjugated Mediators: New Proâ€Resolving and Tissue Regenerative Pathways. FASEB Journal, 2015, 29, LB423.	0.5	0