

Romain A Colas

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

5,557
citations

87888

38
h-index

110387

64
g-index

71
all docs

71
docs citations

71
times ranked

6736
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Distinct immune profiles of HIV-infected subjects are linked to specific lipid mediator signature. <i>Immunity, Inflammation and Disease</i> , 2022, 10, .	2.7	2
4	Resolvin D1 Attenuates the Organ Injury Associated With Experimental Hemorrhagic Shock. <i>Annals of Surgery</i> , 2021, 273, 1012-1021.	4.2	16
5	Splenic Nerve Neuromodulation Reduces Inflammation and Promotes Resolution in Chronically Implanted Pigs. <i>Frontiers in Immunology</i> , 2021, 12, 649786.	4.8	17
6	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
7	Dysregulated plasma lipid mediator profiles in critically ill COVID-19 patients. <i>PLoS ONE</i> , 2021, 16, e0256226.	2.5	34
8	Differential Lipid Mediator Involvement in the Different Forms of Genetic Frontotemporal Dementia: Novel Insights into Neuroinflammation. <i>Journal of Alzheimer's Disease</i> , 2021, 84, 283-289.	2.6	1
9	Immune Regulatory Mediators in Plasma from Patients With Acute Decompensation Are Associated With 3-Month Mortality. <i>Clinical Gastroenterology and Hepatology</i> , 2020, 18, 1207-1215.e6.	4.4	12
10	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
11	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
12	HIF1 α activation in dendritic cells under sterile conditions promotes an anti-inflammatory phenotype through accumulation of intracellular lipids. <i>Scientific Reports</i> , 2020, 10, 20825.	3.3	7
13	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
14	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
15	Imbalance of proresolving lipid mediators in persistent allodynia dissociated from signs of clinical arthritis. <i>Pain</i> , 2020, 161, 2155-2166.	4.2	28
16	Enzymatic studies with 3-oxa n-3 DPA. <i>Bioorganic Chemistry</i> , 2020, 96, 103653.	4.1	4
17	Protective activities of distinct omega-3 enriched oils are linked to their ability to upregulate specialized pro-resolving mediators. <i>PLoS ONE</i> , 2020, 15, e0242543.	2.5	12
18	Title is missing!. , 2020, 15, e0242543.		0

#	ARTICLE	IF	CITATIONS
19	Title is missing!. , 2020, 15, e0242543.		0
20	Title is missing!. , 2020, 15, e0242543.		0
21	Title is missing!. , 2020, 15, e0242543.		0
22	Proresolving Mediators LXB4 and RvE1 Regulate Inflammation in Stromal Cells from Patients with Shoulder Tendon Tears. American Journal of Pathology, 2019, 189, 2258-2268.	3.8	22
23	Early increase of specialized pro-resolving lipid mediators in patients with ST-elevation myocardial infarction. EBioMedicine, 2019, 46, 264-273.	6.1	23
24	Proresolving mediator profiles in cerebrospinal fluid are linked with disease severity and outcome in adults with tuberculous meningitis. FASEB Journal, 2019, 33, 13028-13039.	0.5	33
25	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.	2.4	24
26	Tendon cells isolated from patients with persistent shoulder tendinopathy show dysregulated resolution responses. Translational Sports Medicine, 2019, 2, 173-176.	1.1	0
27	15- $\text{Epi}\omega$ - Lx_4 and MaR1 counter inflammation in stromal cells from patients with Achilles tendinopathy and rupture. FASEB Journal, 2019, 33, 8043-8054.	0.5	19
28	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.	2.4	23
29	Inflammatory arthritis disrupts gut resolution mechanisms, promoting barrier breakdown by Porphyromonas gingivalis. JCI Insight, 2019, 4, .	5.0	44
30	Impaired Production and Diurnal Regulation of Vascular RvD n -3 DPA Increase Systemic Inflammation and Cardiovascular Disease. Circulation Research, 2018, 122, 855-863.	4.5	52
31	Lipid Mediator Metabolomics Via LC-MS/MS Profiling and Analysis. Methods in Molecular Biology, 2018, 1730, 59-72.	0.9	65
32	Albumin Counteracts Immune-Suppressive Effects of Lipid Mediators in Patients With Advanced Liver Disease. Clinical Gastroenterology and Hepatology, 2018, 16, 738-747.e7.	4.4	47
33	Pro-resolving mediators promote resolution in a human skin model of UV-killed Escherichia coli-driven acute inflammation. JCI Insight, 2018, 3, .	5.0	66
34	n -3 Docosapentaenoic acid-derived protectin D1 promotes resolution of neuroinflammation and arrests epileptogenesis. Brain, 2018, 141, 3130-3143.	7.6	55
35	Endogenously generated arachidonate-derived ligands for TRPV1 induce cardiac protection in sepsis. FASEB Journal, 2018, 32, 3816-3831.	0.5	16
36	PDn-3 DPA Pathway Regulates Human Monocyte Differentiation and Macrophage Function. Cell Chemical Biology, 2018, 25, 749-760.e9.	5.2	46

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37	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
38	Vagal Regulation of Group 3 Innate Lymphoid Cells and the Immunoresolvent PCTRI Controls Infection Resolution. <i>Immunity</i> , 2017, 46, 92-105.	14.3	122
39	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
40	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
41	13- <i>Series</i> resolvins mediate the leukocyte-platelet actions of atorvastatin and pravastatin in inflammatory arthritis. <i>FASEB Journal</i> , 2017, 31, 3636-3648.	0.5	25
42	Protectin D1 <i>n-3</i> DPA and resolvin D5 <i>n-3</i> 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
43	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	312
44	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
45	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
46	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
47	Synthesis of 13 <i>R</i> -Hydroxy-7 <i>Z</i> ,10 <i>Z</i> ,13 <i>R</i> ,14 <i>E</i> ,16 <i>Z</i> ,19 <i>Z</i> Docosapentaenoic Acid (13 <i>R</i> -HDPA) and Its Biosynthetic Conversion to the 13- <i>Series</i> Resolvins. <i>Journal of Natural Products</i> , 2016, 79, 2693-2702.	3.0	28
48	Resolvin D3 Is Dysregulated in Arthritis and Reduces Arthritic Inflammation. <i>Journal of Immunology</i> , 2016, 197, 2362-2368.	0.8	106
49	An imbalance between specialized pro-resolving lipid mediators and pro-inflammatory leukotrienes promotes instability of atherosclerotic plaques. <i>Nature Communications</i> , 2016, 7, 12859.	12.8	320
50	Identification and Actions of the Maresin 1 Metabolome in Infectious Inflammation. <i>Journal of Immunology</i> , 2016, 197, 4444-4452.	0.8	64
51	Stretching Impacts Inflammation Resolution in Connective Tissue. <i>Journal of Cellular Physiology</i> , 2016, 231, 1621-1627.	4.1	64
52	Pro-Resolving Lipid Mediators Improve Neuronal Survival and Increase A β 242 Phagocytosis. <i>Molecular Neurobiology</i> , 2016, 53, 2733-2749.	4.0	152
53	Distal vessel stiffening is an early and pivotal mechanobiological regulator of vascular remodeling and pulmonary hypertension. <i>JCI Insight</i> , 2016, 1, .	5.0	58
54	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

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55	Lipoxin A4 Attenuates Obesity-Induced Adipose Inflammation and Associated Liver and Kidney Disease. <i>Cell Metabolism</i> , 2015, 22, 125-137.	16.2	170
56	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
57	Novel proresolving and tissue-regenerative resolvin and protectin sulfido-conjugated pathways. <i>FASEB Journal</i> , 2015, 29, 2120-2136.	0.5	100
58	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
59	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
60	Resolvin D1 Reduces Emphysema and Chronic Inflammation. <i>American Journal of Pathology</i> , 2015, 185, 3189-3201.	3.8	69
61	Resolvins attenuate inflammation and promote resolution in cigarette smoke-exposed human macrophages. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L888-L901.	2.9	79
62	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
63	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
64	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
65	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
66	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
67	Plasma Metabolomics in Human Pulmonary Tuberculosis Disease: A Pilot Study. <i>PLoS ONE</i> , 2014, 9, e108854.	2.5	140
68	Resolvin D3 and Aspirin-Triggered Resolvin D3 Are Potent Immunoresolvents. <i>Chemistry and Biology</i> , 2013, 20, 188-201.	6.0	204
69	Novel n-3 Immunoresolvents: Structures and Actions. <i>Scientific Reports</i> , 2013, 3, 1940.	3.3	197