

Romain A Colas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11839485/publications.pdf>

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	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
2	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
3	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
4	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
5	Harmonizing lipidomics: NIST interlaboratory comparison exercise for lipidomics using SRM 1950â€™Metabolites in Frozen Human Plasma. <i>Journal of Lipid Research</i> , 2017, 58, 2275-2288.	4.2	312
6	Resolvin D3 and Aspirin-Triggered Resolvin D3 Are Potent Immunoresolvents. <i>Chemistry and Biology</i> , 2013, 20, 188-201.	6.0	204
7	Novel n-3 Immunoresolvents: Structures and Actions. <i>Scientific Reports</i> , 2013, 3, 1940.	3.3	197
8	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
9	Lipoxin A4 Attenuates Obesity-Induced Adipose Inflammation and Associated Liver and Kidney Disease. <i>Cell Metabolism</i> , 2015, 22, 125-137.	16.2	170
10	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
11	Pro-Resolving Lipid Mediators Improve Neuronal Survival and Increase $\text{A}\beta_{242}$ Phagocytosis. <i>Molecular Neurobiology</i> , 2016, 53, 2733-2749.	4.0	152
12	Maresin 1 biosynthesis during plateletâ€™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
13	Plasma Metabolomics in Human Pulmonary Tuberculosis Disease: A Pilot Study. <i>PLoS ONE</i> , 2014, 9, e108854.	2.5	140
14	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
15	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
16	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
17	Vagal Regulation of Group 3 Innate Lymphoid Cells and the Immunoresolvent PCTR1 Controls Infection Resolution. <i>Immunity</i> , 2017, 46, 92-105.	14.3	122
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Resolvin D3 Is Dysregulated in Arthritis and Reduces Arthritic Inflammation. <i>Journal of Immunology</i> , 2016, 197, 2362-2368.	0.8	106
21	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
22	Novel proresolving and tissue-regenerative resolvin and protectin sulfido-conjugated pathways. <i>FASEB Journal</i> , 2015, 29, 2120-2136.	0.5	100
23	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
24	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
25	Resolvin D1 Reduces Emphysema and Chronic Inflammation. <i>American Journal of Pathology</i> , 2015, 185, 3189-3201.	3.8	69
26	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
27	Lipid Mediator Metabolomics Via LC-MS/MS Profiling and Analysis. <i>Methods in Molecular Biology</i> , 2018, 1730, 59-72.	0.9	65
28	Identification and Actions of the Maresin 1 Metabolome in Infectious Inflammation. <i>Journal of Immunology</i> , 2016, 197, 4444-4452.	0.8	64
29	Stretching Impacts Inflammation Resolution in Connective Tissue. <i>Journal of Cellular Physiology</i> , 2016, 231, 1621-1627.	4.1	64
30	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
31	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
32	n-3 Docosapentaenoic acid-derived protectin D1 promotes resolution of neuroinflammation and arrests epileptogenesis. <i>Brain</i> , 2018, 141, 3130-3143.	7.6	55
33	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
34	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
35	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
36	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

#	ARTICLE	IF	CITATIONS
37	PDn-3 DPA Pathway Regulates Human Monocyte Differentiation and Macrophage Function. <i>Cell Chemical Biology</i> , 2018, 25, 749-760.e9.	5.2	46
38	Inflammatory arthritis disrupts gut resolution mechanisms, promoting barrier breakdown by <i>Porphyromonas gingivalis</i> . <i>JCI Insight</i> , 2019, 4, .	5.0	44
39	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
40	Dysregulated plasma lipid mediator profiles in critically ill COVID-19 patients. <i>PLoS ONE</i> , 2021, 16, e0256226.	2.5	34
41	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
42	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-Series Resolvins. <i>Journal of Natural Products</i> , 2016, 79, 2693-2702.	3.0	28
43	Imbalance of proresolving lipid mediators in persistent allodynia dissociated from signs of clinical arthritis. <i>Pain</i> , 2020, 161, 2155-2166.	4.2	28
44	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
45	Vagus nerve stimulation promotes resolution of inflammation by a mechanism that involves Alox15 and requires the β 7nAChR subunit. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	27
46	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
47	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
48	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
49	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
50	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
51	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
52	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
53	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
54	Splenic Nerve Neuromodulation Reduces Inflammation and Promotes Resolution in Chronically Implanted Pigs. <i>Frontiers in Immunology</i> , 2021, 12, 649786.	4.8	17

#	ARTICLE	IF	CITATIONS
55	Endogenously generated arachidonate-derived ligands for TRPV1 induce cardiac protection in sepsis. <i>FASEB Journal</i> , 2018, 32, 3816-3831.	0.5	16
56	Resolvin D1 Attenuates the Organ Injury Associated With Experimental Hemorrhagic Shock. <i>Annals of Surgery</i> , 2021, 273, 1012-1021.	4.2	16
57	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
58	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
59	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
60	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
61	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
62	Enzymatic studies with 3-oxa n-3 DPA. <i>Bioorganic Chemistry</i> , 2020, 96, 103653.	4.1	4
63	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
64	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
65	Tendon cells isolated from patients with persistent shoulder tendinopathy show dysregulated resolution responses. <i>Translational Sports Medicine</i> , 2019, 2, 173-176.	1.1	0
66	Title is missing!. , 2020, 15, e0242543.		0
67	Title is missing!. , 2020, 15, e0242543.		0
68	Title is missing!. , 2020, 15, e0242543.		0
69	Title is missing!. , 2020, 15, e0242543.		0