

Laurent Yvan-Charvet

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

9,870
citations

66343

42
h-index

76900

74
g-index

80
all docs

80
docs citations

80
times ranked

11563
citing authors

#	ARTICLE	IF	CITATIONS
1	Le mÃ©tabolisme protÃ©ge-t-il notre systÃ©me immunitaire?. <i>Medecine/Sciences</i> , 2022, 38, 520-523.	0.2	0
2	T cell cholesterol efflux suppresses apoptosis and senescence and increases atherosclerosis in middle aged mice. <i>Nature Communications</i> , 2022, 13, .	12.8	21
3	Lysosomal Acid Lipase Drives Adipocyte Cholesterol Homeostasis and Modulates Lipid Storage in Obesity, Independent of Autophagy. <i>Diabetes</i> , 2021, 70, 76-90.	0.6	9
4	Metabolic Inflammation in ObesityâAt the Crossroads between Fatty Acid and Cholesterol Metabolism. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e1900482.	3.3	19
5	Arterial Delivery of VEGF-C Stabilizes Atherosclerotic Lesions. <i>Circulation Research</i> , 2021, 128, 284-286.	4.5	12
6	Mitochondria orchestrate macrophage effector functions in atherosclerosis. <i>Molecular Aspects of Medicine</i> , 2021, 77, 100922.	6.4	26
7	Heterogeneous NLRP3 inflammasome signature in circulating myeloid cells as a biomarker of COVID-19 severity. <i>Blood Advances</i> , 2021, 5, 1523-1534.	5.2	36
8	Single-cell analysis of human skin identifies CD14+ type 3 dendritic cells co-producing IL1B and IL23A in psoriasis. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	68
9	Macrophage ontogeny and functional diversity in cardiometabolic diseases. <i>Seminars in Cell and Developmental Biology</i> , 2021, 119, 119-129.	5.0	2
10	A subset of Kupffer cells regulates metabolism through the expression of CD36. <i>Immunity</i> , 2021, 54, 2101-2116.e6.	14.3	99
11	LDL-cholesterol drives reversible myelomonocytic skewing in human bone marrow. <i>European Heart Journal</i> , 2021, 42, 4321-4323.	2.2	3
12	Brown adipose tissue monocytes support tissue expansion. <i>Nature Communications</i> , 2021, 12, 5255.	12.8	23
13	Non-canonical glutamine transamination sustains efferocytosis by coupling redox buffering to oxidative phosphorylation. <i>Nature Metabolism</i> , 2021, 3, 1313-1326.	11.9	31
14	Regulatory T cell differentiation is controlled by Î±KG-induced alterations in mitochondrial metabolism and lipid homeostasis. <i>Cell Reports</i> , 2021, 37, 109911.	6.4	39
15	Liver X receptors are required for thymic resilience and T cell output. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	20
16	Impaired Kupffer Cell Self-Renewal Alters the Liver Response to Lipid Overload during Non-alcoholic Steatohepatitis. <i>Immunity</i> , 2020, 53, 627-640.e5.	14.3	185
17	ABCA1 Exerts Tumor-Suppressor Function in Myeloproliferative Neoplasms. <i>Cell Reports</i> , 2020, 30, 3397-3410.e5.	6.4	18
18	Interplay between Clonal Hematopoiesis of Indeterminate Potential and Metabolism. <i>Trends in Endocrinology and Metabolism</i> , 2020, 31, 525-535.	7.1	23

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19	Metabolic Reprogramming of Macrophages in Atherosclerosis: Is It All about Cholesterol?. <i>Journal of Lipid and Atherosclerosis</i> , 2020, 9, 231.	3.5	15
20	Granulopoiesis and Neutrophil Homeostasis: A Metabolic, Daily Balancing Act. <i>Trends in Immunology</i> , 2019, 40, 598-612.	6.8	67
21	Immunometabolic function of cholesterol in cardiovascular disease and beyond. <i>Cardiovascular Research</i> , 2019, 115, 1393-1407.	3.8	52
22	Immunometabolism of Phagocytes and Relationships to Cardiac Repair. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 42.	2.4	30
23	Macrophage Origin, Metabolic Reprogramming and IL-1 Signaling: Promises and Pitfalls in Lung Cancer. <i>Cancers</i> , 2019, 11, 298.	3.7	10
24	Efferocytosis Fuels Requirements of Fatty Acid Oxidation and the Electron Transport Chain to Polarize Macrophages for Tissue Repair. <i>Cell Metabolism</i> , 2019, 29, 443-456.e5.	16.2	233
25	Cholesterol Mass Efflux Capacity, Incident Cardiovascular Disease, and Progression of Carotid Plaque. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 89-96.	2.4	91
26	Lysosomal Cholesterol Hydrolysis Couples Efferocytosis to Anti-Inflammatory Oxysterol Production. <i>Circulation Research</i> , 2018, 122, 1369-1384.	4.5	88
27	Poststatin era in atherosclerosis management. <i>Current Opinion in Lipidology</i> , 2018, 29, 246-258.	2.7	7
28	Is defective cholesterol efflux an integral inflammatory component in myelopoiesis-driven cardiovascular diseases?. <i>European Heart Journal</i> , 2018, 39, 2168-2171.	2.2	8
29	Plasma metabolite profiles, cellular cholesterol efflux, and non-traditional cardiovascular risk in patients with CKD. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 112, 114-122.	1.9	31
30	Cholesterol Accumulation in Dendritic Cells Links the Inflammasome to Acquired Immunity. <i>Cell Metabolism</i> , 2017, 25, 1294-1304.e6.	16.2	153
31	Disruption of Glut1 in Hematopoietic Stem Cells Prevents Myelopoiesis and Enhanced Glucose Flux in Atheromatous Plaques of ApoE ^{-/-} Mice. <i>Circulation Research</i> , 2016, 118, 1062-1077.	4.5	93
32	HIF-2 α in Resting Macrophages Tempers Mitochondrial Reactive Oxygen Species To Selectively Repress MARCO-Dependent Phagocytosis. <i>Journal of Immunology</i> , 2016, 197, 3639-3649.	0.8	21
33	The modern interleukin-1 superfamily: Divergent roles in obesity. <i>Seminars in Immunology</i> , 2016, 28, 441-449.	5.6	26
34	Maintenance of Macrophage Redox Status by ChREBP Limits Inflammation and Apoptosis and Protects against Advanced Atherosclerotic Lesion Formation. <i>Cell Reports</i> , 2015, 13, 132-144.	6.4	32
35	Cholesterol, inflammation and innate immunity. <i>Nature Reviews Immunology</i> , 2015, 15, 104-116.	22.7	1,020
36	Adipose Modulation of ABCG1 Uncovers an Intimate Link Between Sphingomyelin and Triglyceride Storage. <i>Diabetes</i> , 2015, 64, 689-692.	0.6	11

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37	Understanding macrophage diversity at the ontogenic and transcriptomic levels. <i>Immunological Reviews</i> , 2014, 262, 85-95.	6.0	37
38	Deficiency of ATP-Binding Cassette Transporter B6 in Megakaryocyte Progenitors Accelerates Atherosclerosis in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 751-758.	2.4	40
39	ATP-Binding Cassette Transporters, Atherosclerosis, and Inflammation. <i>Circulation Research</i> , 2014, 114, 157-170.	4.5	206
40	Cholesterol efflux in megakaryocyte progenitors suppresses platelet production and thrombocytosis. <i>Nature Medicine</i> , 2013, 19, 586-594.	30.7	162
41	Deficiency of ATP-Binding Cassette Transporters A1 and G1 in Macrophages Increases Inflammation and Accelerates Atherosclerosis in Mice. <i>Circulation Research</i> , 2013, 112, 1456-1465.	4.5	253
42	Mild Renal Dysfunction and Metabolites Tied to Low HDL Cholesterol Are Associated With Monocytosis and Atherosclerosis. <i>Circulation</i> , 2013, 127, 988-996.	1.6	51
43	HDL and Glut1 inhibition reverse a hypermetabolic state in mouse models of myeloproliferative disorders. <i>Journal of Experimental Medicine</i> , 2013, 210, 339-353.	8.5	41
44	Liver X Receptor $\hat{\pm}$ -Dependent Iron Handling in M2 Macrophages. <i>Circulation Research</i> , 2013, 113, 1182-1185.	4.5	11
45	Cholesterol Efflux. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 2547-2552.	2.4	63
46	Anti-atherogenic mechanisms of high density lipoprotein: Effects on myeloid cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2012, 1821, 513-521.	2.4	71
47	Regulation of Hematopoietic Stem and Progenitor Cell Mobilization by Cholesterol Efflux Pathways. <i>Cell Stem Cell</i> , 2012, 11, 195-206.	11.1	217
48	Cholesterol Efflux and Atheroprotection. <i>Circulation</i> , 2012, 125, 1905-1919.	1.6	772
49	Role of adipose tissue renin-angiotensin system in metabolic and inflammatory diseases associated with obesity. <i>Kidney International</i> , 2011, 79, 162-168.	5.2	178
50	<i>Cdkn2a</i> Is an Atherosclerosis Modifier Locus That Regulates Monocyte/Macrophage Proliferation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2483-2492.	2.4	60
51	ApoE regulates hematopoietic stem cell proliferation, monocytosis, and monocyte accumulation in atherosclerotic lesions in mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 4138-4149.	8.2	431
52	ATP-Binding Cassette Transporter G1 and High-Density Lipoprotein Promote Endothelial NO Synthesis Through a Decrease in the Interaction of Caveolin-1 and Endothelial NO Synthase. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 2219-2225.	2.4	89
53	Cholesterol Efflux Potential and Antiinflammatory Properties of High-Density Lipoprotein After Treatment With Niacin or Anacetrapib. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 1430-1438.	2.4	221
54	Role of HDL, ABCA1, and ABCG1 Transporters in Cholesterol Efflux and Immune Responses. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 139-143.	2.4	543

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55	ABCA1 and ABCG1 Protect Against Oxidative Stress-Induced Macrophage Apoptosis During Efferocytosis. <i>Circulation Research</i> , 2010, 106, 1861-1869.	4.5	160
56	ATP-Binding Cassette Transporters and HDL Suppress Hematopoietic Stem Cell Proliferation. <i>Science</i> , 2010, 328, 1689-1693.	12.6	624
57	Deficiency of Angiotensin Type 2 Receptor Rescues Obesity But Not Hypertension Induced by Overexpression of Angiotensinogen in Adipose Tissue. <i>Endocrinology</i> , 2009, 150, 1421-1428.	2.8	64
58	HDL, ABC Transporters, and Cholesterol Efflux: Implications for the Treatment of Atherosclerosis. <i>Cell Metabolism</i> , 2008, 7, 365-375.	16.2	483
59	Increased Inflammatory Gene Expression in ABC Transporter-Deficient Macrophages. <i>Circulation</i> , 2008, 118, 1837-1847.	1.6	392
60	ATP-binding cassette transporters G1 and G4 mediate cholesterol and desmosterol efflux to HDL and regulate sterol accumulation in the brain. <i>FASEB Journal</i> , 2008, 22, 1073-1082.	0.5	160
61	SR-BI inhibits ABCG1-stimulated net cholesterol efflux from cells to plasma HDL. <i>Journal of Lipid Research</i> , 2008, 49, 107-114.	4.2	46
62	ABCG1 and HDL protect against endothelial dysfunction in mice fed a high-cholesterol diet. <i>Journal of Clinical Investigation</i> , 2008, 118, 3701-3713.	8.2	202
63	In Vivo Evidence for a Role of Adipose Tissue SR-BI in the Nutritional and Hormonal Regulation of Adiposity and Cholesterol Homeostasis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 1340-1345.	2.4	50
64	High-density lipoprotein protects macrophages from oxidized low-density lipoprotein-induced apoptosis by promoting efflux of 7-ketocholesterol via ABCG1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 15093-15098.	7.1	243
65	Pivotal Advance: Macrophages become resistant to cholesterol-induced death after phagocytosis of apoptotic cells. <i>Journal of Leukocyte Biology</i> , 2007, 82, 1040-1050.	3.3	63
66	Inhibition of Cholesteryl Ester Transfer Protein by Torcetrapib Modestly Increases Macrophage Cholesterol Efflux to HDL. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 1132-1138.	2.4	190
67	The Failure of Torcetrapib. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 257-260.	2.4	279
68	Combined deficiency of ABCA1 and ABCG1 promotes foam cell accumulation and accelerates atherosclerosis in mice. <i>Journal of Clinical Investigation</i> , 2007, 117, 3900-8.	8.2	424
69	Gender-related response of lipid metabolism to dietary fatty acids in the hamster. <i>British Journal of Nutrition</i> , 2006, 95, 709-720.	2.3	15
70	Prevention of Adipose Tissue Depletion during Food Deprivation in Angiotensin Type 2 Receptor-Deficient Mice. <i>Endocrinology</i> , 2006, 147, 5078-5086.	2.8	19
71	Decreased Atherosclerosis in Low-Density Lipoprotein Receptor Knockout Mice Transplanted With Abcg1 ^{-/-} Bone Marrow. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 2308-2315.	2.4	156
72	Effet anti-obésité des CLA: mythe ou réalité? <i>Oleagineux Corps Gras Lipides</i> , 2005, 12, 45-50.	0.2	0

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73	Insulin and Angiotensin II Induce the Translocation of Scavenger Receptor Class B, Type I from Intracellular Sites to the Plasma Membrane of Adipocytes. <i>Journal of Biological Chemistry</i> , 2005, 280, 33536-33540.	3.4	43
74	Deletion of the Angiotensin Type 2 Receptor (AT2 <i>R</i>) Reduces Adipose Cell Size and Protects From Diet-Induced Obesity and Insulin Resistance. <i>Diabetes</i> , 2005, 54, 991-999.	0.6	183