Bertrand Perret

List of Publications by Year
in descending order

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91 papers	6,095 citations	109264 35 h-index	69214 77 g-index
95 all docs	95 docs citations	95 times ranked	8469 citing authors

#	Article	IF	Citations
1	Effect of long-term omega 3 polyunsaturated fatty acid supplementation with or without multidomain intervention on cognitive function in elderly adults with memory complaints (MAPT): a randomised, placebo-controlled trial. Lancet Neurology, The, 2017, 16, 377-389.	4.9	576
2	Mast cell- and dendritic cell-derived exosomes display a specific lipid composition and an unusual membrane organization. Biochemical Journal, 2004, 380, 161-171.	1.7	536
3	Exosomes account for vesicle-mediated transcellular transport of activatable phospholipases and prostaglandins. Journal of Lipid Research, 2010, 51, 2105-2120.	2.0	528
4	Exosome lipidomics unravels lipid sorting at the level of multivesicular bodies. Biochimie, 2007, 89, 205-212.	1.3	485
5	Ectopic Î²-chain of ATP synthase is an apolipoprotein A-I receptor in hepatic HDL endocytosis. Nature, 2003, 421, 75-79.	13.7	429
6	Tumor Recognition following VÎ³9VÎ´2 T Cell Receptor Interactions with a Surface F1-ATPase-Related Structure and Apolipoprotein A-I. Immunity, 2005, 22, 71-80.	6.6	268
7	Shift Work and Metabolic Syndrome: Respective Impacts of Job Strain, Physical Activity, and Dietary Rhythms. Chronobiology International, 2009, 26, 544-559.	0.9	260
8	PLD2 is enriched on exosomes and its activity is correlated to the release of exosomes. FEBS Letters, 2004, 572, 11-14.	1.3	195
9	A Novel Role for Gab1 and SHP2 in Epidermal Growth Factor-induced Ras Activation. Journal of Biological Chemistry, 2005, 280, 5350-5360.	1.6	169
10	Hepatic lipase:structure/function relationship, synthesis,and regulation. Journal of Lipid Research, 2002, 43, 1163-1169.	2.0	148
11	Shift work and cardiovascular risk factors: New knowledge from the past decade. Archives of Cardiovascular Diseases, 2011, 104, 636-668.	0.7	132
12	An interaction between apo C-III variants and protease inhibitors contributes to high triglyceride/low HDL levels in treated HIV patients. Aids, 2001, 15, 2397-2406.	1.0	108
13	High consumptions of grain, fish, dairy products and combinations of these are associated with a low prevalence of metabolic syndrome. Journal of Epidemiology and Community Health, 2007, 61, 810-817.	2.0	94
14	P2Y13 receptor is critical for reverse cholesterol transport. Hepatology, 2010, 52, 1477-1483.	3.6	89
15	SHIP-2 and PTEN Are Expressed and Active in Vascular Smooth Muscle Cell Nuclei, but Only SHIP-2 Is Associated with Nuclear Speckles. Journal of Biological Chemistry, 2003, 278, 38884-38891.	1.6	79
16	Pre-Î² HDL: structure and metabolism. Lipids and Lipid Metabolism, 1996, 1300, 73-85.	2.6	78
17	Apoprotein C-III and E-Containing Lipoparticles Are Markedly Increased in HIV-Infected Patients Treated with Protease Inhibitors: Association with the Development of Lipodystrophy. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 296-302.	1.8	74
18	Stimulation of Cell Surface F ₁ -ATPase Activity by Apolipoprotein A-I Inhibits Endothelial Cell Apoptosis and Promotes Proliferation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 1125-1130.	1.1	69

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19	Biochemical Characterization of Pre-Î²1 High-Density Lipoprotein from Human Ovarian Follicular Fluid:â€‰ Evidence for the Presence of a Lipid Core,. Biochemistry, 1996, 35, 1352-1357.	1.2	67
20	RhoA/ROCK I signalling downstream of the P2Y13 ADP-receptor controls HDL endocytosis in human hepatocytes. Cellular Signalling, 2009, 21, 120-127.	1.7	62
21	Sex hormone-binding globulin is a major determinant of the lipid profile: the PRIME study. Atherosclerosis, 2005, 179, 369-373.	0.4	59
22	Specific Requirements for VÎ³9VÎ´2 T Cell Stimulation by a Natural Adenylated Phosphoantigen. Journal of Immunology, 2009, 183, 3848-3857.	0.4	57
23	The Adaptor Protein Gab1 Couples the Stimulation of Vascular Endothelial Growth Factor Receptor-2 to the Activation of Phosphoinositide 3-Kinase. Journal of Biological Chemistry, 2006, 281, 23285-23295.	1.6	55
24	F1-Adenosine Triphosphatase Displays Properties Characteristic of an Antigen Presentation Molecule for VÎ³9VÎ´2 T Cells. Journal of Immunology, 2010, 184, 6920-6928.	0.4	55
25	Lipid Products of Phosphoinositide 3-Kinase and Phosphatidylinositol 4â€²,5â€²-Bisphosphate Are Both Required for ADP-dependent Platelet Spreading. Journal of Biological Chemistry, 1998, 273, 17817-17823.	1.6	54
26	High Density Lipoprotein and Low Density Lipoprotein Utilization by Human Granulosa Cells for Progesterone Synthesis in Serum-Free Culture: Respective Contributions of Free and Esterified Cholesterol. Journal of Clinical Endocrinology and Metabolism, 1987, 64, 409-417.	1.8	53
27	Structural and Functional Comparison of HDL From Homologous Human Plasma and Follicular Fluid. Arteriosclerosis, Thrombosis, and Vascular Biology, 1997, 17, 1605-1613.	1.1	52
28	Signal Strength Dictates Phosphoinositide 3-Kinase Contribution to Ras/Extracellular Signal-Regulated Kinase 1 and 2 Activation via Differential Gab1/Shp2 Recruitment: Consequences for Resistance to Epidermal Growth Factor Receptor Inhibition. Molecular and Cellular Biology, 2008, 28, 587-600.	1.1	50
29	Specific binding of free apolipoprotein A-I to a high-affinity binding site on HepG2 Cells: characterization of two high-density lipoprotein sites. Biochemistry, 1994, 33, 2335-2340.	1.2	45
30	Obesity and Alcohol Modulate the Effect of Apolipoprotein E Polymorphism on Lipids and Insulin. Obesity, 2003, 11, 1200-1206.	4.0	44
31	Ecto-F1-ATPase/P2Y pathways in metabolic and vascular functions of high density lipoproteins. Atherosclerosis, 2015, 238, 89-100.	0.4	43
32	Phosphatidylinositol 3-Kinase Inhibitors Block Aortic Smooth Muscle Cell Proliferation in Mid-Late G1 Phase: Effect on Cyclin-Dependent Kinase 2 and the Inhibitory Protein p27KIP1. Biochemical and Biophysical Research Communications, 1998, 244, 630-636.	1.0	42
33	Characterization of a G Protein-activated Phosphoinositide 3-Kinase in Vascular Smooth Muscle Cell Nuclei. Journal of Biological Chemistry, 2001, 276, 22170-22176.	1.6	42
34	Alcohol Consumption Is Associated With Enrichment of High-Density Lipoprotein Particles in Polyunsaturated Lipids and Increased Cholesterol Esterification Rate. Alcoholism: Clinical and Experimental Research, 2002, 26, 1134-1140.	1.4	41
35	High-Density Lipoprotein 3 Receptor-Dependent Endocytosis Pathway in a Human Hepatoma Cell Line (HepG2). Biochemistry, 1996, 35, 13064-13071.	1.2	36
36	Adiponectin and Long-Term Mortality in Coronary Artery Disease Participants and Controls. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, e19-29.	1.1	36

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37	Angiotensin I-converting enzyme gene polymorphism in a low-risk European population for coronary artery disease. Atherosclerosis, 1999, 142, 211-216.	0.4	35
38	Remnant High Density Lipoprotein2Particles Produced by Hepatic Lipase Display High-Affinity Binding and Increased Endocytosis into a Human Hepatoma Cell Line (HEPG2)â€. Biochemistry, 1998, 37, 14974-14980.	1.2	32
39	Biochemical and Physical Properties of Remnant-HDL2 and of PreÎ²1-HDL Produced by Hepatic Lipase. Biochemistry, 1999, 38, 2762-2768.	1.2	32
40	RNY-derived small RNAs as a signature of coronary artery disease. BMC Medicine, 2015, 13, 259.	2.3	32
41	Mitochondrial Inhibitory Factor 1 (IF1) Is Present in Human Serum and Is Positively Correlated with HDL-Cholesterol. PLoS ONE, 2011, 6, e23949.	1.1	29
42	Serum level of HDL particles are independently associated with long-term prognosis in patients with coronary artery disease: The GENES study. Scientific Reports, 2020, 10, 8138.	1.6	29
43	Chronic pharmacological activation of P2Y13 receptor in mice decreases HDL-cholesterol level by increasing hepatic HDL uptake and bile acid secretion. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2013, 1831, 719-725.	1.2	27
44	Serum IF1 concentration is independently associated to HDL levels and to coronary heart disease: the GENES study. Journal of Lipid Research, 2013, 54, 2550-2558.	2.0	26
45	Increased atherosclerosis in P2Y13/apolipoprotein E double-knockout mice: contribution of P2Y13 to reverse cholesterol transport. Cardiovascular Research, 2015, 106, 314-323.	1.8	26
46	Apoprotein C-III and E-Containing Lipoparticles Are Markedly Increased in HIV-Infected Patients Treated with Protease Inhibitors: Association with the Development of Lipodystrophy. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 296-302.	1.8	26
47	Targeting high-density lipoproteins: Update on a promising therapy. Archives of Cardiovascular Diseases, 2013, 106, 601-611.	0.7	25
48	Differential Regulation of Phosphoinositide Metabolism by Î±VÎ²3 and Î±VÎ²5Integrins upon Smooth Muscle Cell Migration. Journal of Biological Chemistry, 2001, 276, 41832-41840.	1.6	24
49	Shiftwork and Higher Pancreatic Secretion: Early Detection of an Intermediate State of Insulin Resistance?. Chronobiology International, 2012, 29, 1258-1266.	0.9	24
50	Serum levels of mitochondrial inhibitory factor 1 are independently associated with long-term prognosis in coronary artery disease: the GENES Study. BMC Medicine, 2016, 14, 125.	2.3	24
51	Uptake of HDL unesterified and esterified cholesterol by human endothelial cells. Modulation by HDL phospholipolysis and cell cholesterol content. Lipids and Lipid Metabolism, 1988, 958, 81-92.	2.6	22
52	Distribution, fatty acid composition and apolipoprotein A-I immunoreactivity of high density lipoprotein subfractions in myocardial infarction. Atherosclerosis, 1995, 112, 29-38.	0.4	22
53	Vascular Smooth Muscle Cell Spreading onto Fibrinogen Is Regulated by Calpains and Phospholipase C. Biochemical and Biophysical Research Communications, 2001, 288, 875-881.	1.0	22
54	Effect of apolipoprotein E alleles and angiotensin-converting enzyme insertion/deletion polymorphisms on lipid and lipoprotein markers in middle-aged men and in patients with stable angina pectoris or healed myocardial infarction. American Journal of Cardiology, 2003, 92, 1102-1105.	0.7	22

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55	Association of APOC3 Polymorphisms with Both Dyslipidemia and Lipoatrophy in HAART-Receiving Patients. AIDS Research and Human Retroviruses, 2008, 24, 169-171.	0.5	22
56	Plasma neurofilament light chain is associated with cognitive decline in non-dementia older adults. Scientific Reports, 2021, 11, 13394.	1.6	22
57	The Multifaceted ATPase Inhibitory Factor 1 (IF1) in Energy Metabolism Reprogramming and Mitochondrial Dysfunction: A New Player in Age-Associated Disorders?. Antioxidants and Redox Signaling, 2022, 37, 370-393.	2.5	22
58	Phosphatidylcholine and triacylglycerol hydrolysis in HDL as induced by hepatic lipase: modulation of the phospholipase activity by changes in the particle surface or in the lipid core. Lipids and Lipid Metabolism, 1989, 1001, 225-233.	2.6	21
59	Characterization of Two High-Density Lipoprotein Binding Sites on Porcine Hepatocyte Plasma Membranes:Â Contribution of Scavenger Receptor Class B Type I (SR-BI) to the Low-Affinity Componentâ€. Biochemistry, 2000, 39, 1076-1082.	1.2	21
60	Plasma AÎ² and neurofilament light chain are associated with cognitive and physical function decline in non-dementia older adults. Alzheimer's Research and Therapy, 2020, 12, 128.	3.0	20
61	Associations Between Physical Activity, Blood-Based Biomarkers of Neurodegeneration, and Cognition in Healthy Older Adults: The MAPT Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 1382-1390.	1.7	20
62	Effects of RU486 on Progesterone Secretion by Human Preovulatory Granulosa Cells in Culture*. Journal of Clinical Endocrinology and Metabolism, 1990, 70, 1534-1537.	1.8	19
63	Selective Activation of Nuclear Phospholipase D-1 by G Proteinâ€“Coupled Receptor Agonists in Vascular Smooth Muscle Cells. Circulation Research, 2006, 99, 132-139.	2.0	19
64	Prospective Associations Between Diffusion Tensor Imaging Parameters and Frailty in Older Adults. Journal of the American Geriatrics Society, 2020, 68, 1050-1055.	1.3	19
65	Impaired secretion of heart lipoprotein lipase in cyclophosphamide-treated rabbit. Lipids and Lipid Metabolism, 1997, 1345, 77-85.	2.6	18
66	Lack of P2Y13 in mice fed a high cholesterol diet results in decreased hepatic cholesterol content, biliary lipid secretion and reverse cholesterol transport. Nutrition and Metabolism, 2013, 10, 67.	1.3	17
67	Impact of genetic polymorphisms on the risk of lipid disorders in patients on anti-HIV therapy. Clinical Chemistry and Laboratory Medicine, 2007, 45, 815-21.	1.4	16
68	Phosphoinositide 3-kinase C2Î± is activated upon smooth muscle cell migration and regulated by Î±vÎ²3 integrin engagement. Biochemical and Biophysical Research Communications, 2002, 297, 261-266.	1.0	14
69	Enterophilin-1, a New Partner of Sorting Nexin 1, Decreases Cell Surface Epidermal Growth Factor Receptor. Journal of Biological Chemistry, 2003, 278, 21155-21161.	1.6	11
70	Biological and Neuroimaging Markers as Predictors of 5-Year Incident Frailty in Older Adults: A Secondary Analysis of the MAPT Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, e361-e369.	1.7	11
71	Reactivity of HDL subfractions towards lecithin-cholesterol acyltransferase. Modulation by their content in free cholesterol. Lipids and Lipid Metabolism, 1989, 1005, 245-252.	2.6	10
72	Potential role of phospholipase D2 in increasing interleukin-2 production by T-lymphocytes through activation of mitogen-activated protein kinases ERK1/ERK2. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2008, 1781, 263-269.	1.2	10

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73	Treatment with PCSK9 inhibitors induces a more anti-atherogenic HDL lipid profile in patients at high cardiovascular risk. Vascular Pharmacology, 2020, 135, 106804.	1.0	10
74	Plasma MCP-1 and changes on cognitive function in community-dwelling older adults. Alzheimer's Research and Therapy, 2022, 14, 5.	3.0	10
75	Serum inhibitory factor 1, high-density lipoprotein and cardiovascular diseases. Current Opinion in Lipidology, 2017, 28, 337-346.	1.2	9
76	A reference measurement of circulating ATPase inhibitory factor 1 (IF1) in humans by LC-MS/MS: Comparison with conventional ELISA. Talanta, 2020, 219, 121300.	2.9	9
77	Triacylglycerol increase in plasma very low density lipoproteins in cyclophosphamide-treated rabbit: Relationship with cholesteryl ester transfer activity. Lipids and Lipid Metabolism, 1985, 836, 376-384.	2.6	8
78	Effects of human follicular fluid and high-density lipoproteins on early spermatozoa hyperactivation and cholesterol efflux. Journal of Lipid Research, 2010, 51, 1363-1369.	2.0	8
79	High-density lipoprotein subclass profile and mortality in patients with coronary artery disease: Results from the GENES study. Archives of Cardiovascular Diseases, 2016, 109, 607-617.	0.7	7
80	Accumulation of large VLDL in cyclophosphamide treated rabbits. Relationship with lipoprotein lipase deficiency. Biochemical and Biophysical Research Communications, 1988, 154, 633-640.	1.0	5
81	Common p2y polymorphisms are associated with plasma inhibitory factor 1 and lipoprotein(a) concentrations, heart rate and body fat mass: The GENES study. Archives of Cardiovascular Diseases, 2019, 112, 124-134.	0.7	5
82	Association of Hepatic Lipase -514T Allele with Coronary Artery Disease and Ankle-Brachial Index, Dependence on the Lipoprotein Phenotype: The GENES Study. PLoS ONE, 2013, 8, e67805.	1.1	5
83	Identification of an ApoA-I Ligand Domain That Interacts with High-Affinity Binding Sites on HepG2 Cells. Biochemical and Biophysical Research Communications, 2000, 267, 541-545.	1.0	3
84	Enterophilin-1 Interacts with Focal Adhesion Kinase and Decreases Î²1 Integrins in Intestinal Caco-2 Cells. Journal of Biological Chemistry, 2004, 279, 9270-9277.	1.6	3
85	Meal-related difficulties and weight loss in older people: Longitudinal data from MAPT study. Clinical Nutrition, 2020, 39, 3483-3488.	2.3	3
86	Investigating the combination of plasma amyloid-beta and geroscience biomarkers on the incidence of clinically meaningful cognitive decline in older adults. GeroScience, 2022, 44, 1489-1503.	2.1	3
87	Healthcare Costs Associated with Potentially Inappropriate Medication Prescribing Detected by Computer Algorithm Among Older Patients. Drugs and Aging, 2022, 39, 367-375.	1.3	2
88	Prediction of coronary heart disease incidence in a general male population by circulating non-coding small RNA sRNY1-5p in a nested caseâ€“control study. Scientific Reports, 2021, 11, 1837.	1.6	1
89	Update on proprotein convertase subtilisin/kexin type 9 inhibitors, lipoprotein(a) and cardiovascular risk. Current Opinion in Lipidology, 2021, 32, 324-327.	1.2	1
90	Physical activity, body mass index, and blood progranulin in older adults: cross-sectional associations in the MAPT study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, , .	1.7	1

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91	Alcohol Consumption Is Associated With Enrichment of High-Density Lipoprotein Particles in Polyunsaturated Lipids and Increased Cholesterol Esterification Rate. Alcoholism: Clinical and Experimental Research, 2002, 26, 1134-1140.	1.4	0