

# CÃ©cile Vindis

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

15,887  
citations

87888

38  
h-index

175258

52  
g-index

64  
all docs

64  
docs citations

64  
times ranked

30280  
citing authors

#	ARTICLE	IF	CITATIONS
1	2019 ESC/EAS Guidelines for the management of dyslipidaemias: lipid modification to reduce cardiovascular risk. <i>European Heart Journal</i> , 2020, 41, 111-188.	2.2	4,871
2	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
3	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
4	Vascular smooth muscle cell death, autophagy and senescence in atherosclerosis. <i>Cardiovascular Research</i> , 2018, 114, 622-634.	3.8	356
5	Oxidized Low-Density Lipoproteins Trigger Endoplasmic Reticulum Stress in Vascular Cells. <i>Circulation Research</i> , 2009, 104, 328-336.	4.5	161
6	Anti-Inflammatory and Antiatherogenic Effects of the NLRP3 Inflammasome Inhibitor Arglabin in ApoE <sup>-/-</sup> Mice Fed a High-Fat Diet. <i>Circulation</i> , 2015, 131, 1061-1070.	1.6	141
7	Autophagy in health and disease: focus on the cardiovascular system. <i>Essays in Biochemistry</i> , 2017, 61, 721-732.	4.7	123
8	Metabolic syndrome features small, apolipoprotein A-I-poor, triglyceride-rich HDL3 particles with defective anti-apoptotic activity. <i>Atherosclerosis</i> , 2008, 197, 84-94.	0.8	113
9	Ephrin-B1 transduces signals to activate integrin-mediated migration, attachment and angiogenesis. <i>Journal of Cell Science</i> , 2002, 115, 3073-81.	2.0	113
10	Two Distinct Calcium-Dependent Mitochondrial Pathways Are Involved in Oxidized LDL-Induced Apoptosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 639-645.	2.4	111
11	Circulating miR-155, miR-145 and let-7c as diagnostic biomarkers of the coronary artery disease. <i>Scientific Reports</i> , 2017, 7, 42916.	3.3	110
12	EphB1 recruits c-Src and p52Shc to activate MAPK/ERK and promote chemotaxis. <i>Journal of Cell Biology</i> , 2003, 162, 661-671.	5.2	103
13	Small, dense HDL 3 particles attenuate apoptosis in endothelial cells: pivotal role of apolipoprotein A $\epsilon$ . <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 608-620.	3.6	94
14	Mitophagy acts as a safeguard mechanism against human vascular smooth muscle cell apoptosis induced by atherogenic lipids. <i>Oncotarget</i> , 2016, 7, 28821-28835.	1.8	91
15	Reactive oxygen species production by monoamine oxidases in intact cells. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1999, 359, 428-431.	3.0	87
16	HDLs inhibit endoplasmic reticulum stress and autophagic response induced by oxidized LDLs. <i>Cell Death and Differentiation</i> , 2011, 18, 817-828.	11.2	87
17	Protein Disulfide Isomerase Modification and Inhibition Contribute to ER Stress and Apoptosis Induced by Oxidized Low Density Lipoproteins. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 731-742.	5.4	74
18	Influence of Bcl-2 overexpression on the ceramide pathway in daunorubicin-induced apoptosis of leukemic cells. <i>Oncogene</i> , 1997, 14, 1837-1845.	5.9	72

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19	Identifying the anti-inflammatory response to lipid lowering therapy: a position paper from the working group on atherosclerosis and vascular biology of the European Society of Cardiology. <i>Cardiovascular Research</i> , 2019, 115, 10-19.	3.8	72
20	Exchange protein directly activated by cAMP 1 promotes autophagy during cardiomyocyte hypertrophy. <i>Cardiovascular Research</i> , 2015, 105, 55-64.	3.8	66
21	Desensitization of Platelet-Derived Growth Factor Receptor- $\beta^2$ by Oxidized Lipids in Vascular Cells and Atherosclerotic Lesions. <i>Circulation Research</i> , 2006, 98, 785-792.	4.5	65
22	High-Density Lipoproteins Prevent the Oxidized Low-Density Lipoprotein-Induced Endothelial Growth Factor Receptor Activation and Subsequent Matrix Metalloproteinase-2 Upregulation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 1206-1212.	2.4	63
23	Autophagy: an emerging therapeutic target in vascular diseases. <i>British Journal of Pharmacology</i> , 2015, 172, 2167-2178.	5.4	63
24	Role of protein kinase C $\delta$ in ER stress and apoptosis induced by oxidized LDL in human vascular smooth muscle cells. <i>Cell Death and Disease</i> , 2013, 4, e520-e520.	6.3	60
25	EphB1-mediated Cell Migration Requires the Phosphorylation of Paxillin at Tyr-31/Tyr-118. <i>Journal of Biological Chemistry</i> , 2004, 279, 27965-27970.	3.4	59
26	Methods for Measuring Autophagy in Mice. <i>Cells</i> , 2017, 6, 14.	4.1	59
27	Development of Novel Antiatherogenic Biaryls: Design, Synthesis, and Reactivity. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 3171-3181.	6.4	58
28	Dopamine induces ERK activation in renal epithelial cells through H <sub>2</sub> O <sub>2</sub> produced by monoamine oxidase. <i>Kidney International</i> , 2001, 59, 76-86.	5.2	56
29	Oxidized LDLs trigger endoplasmic reticulum stress and autophagy: Prevention by HDLs. <i>Autophagy</i> , 2011, 7, 541-543.	9.1	56
30	The Multifunctional Sorting Protein PACS-2 Controls Mitophagosome Formation in Human Vascular Smooth Muscle Cells through Mitochondria-ER Contact Sites. <i>Cells</i> , 2019, 8, 638.	4.1	52
31	Mitochondrial 4-HNE derived from MAO-A promotes mitoCa <sup>2+</sup> overload in chronic postischemic cardiac remodeling. <i>Cell Death and Differentiation</i> , 2020, 27, 1907-1923.	11.2	51
32	Caveolin-1 is required for signaling and membrane targeting of EphB1 receptor tyrosine kinase. <i>Journal of Cell Science</i> , 2006, 119, 2299-2309.	2.0	50
33	Interplay between hypercholesterolaemia and inflammation in atherosclerosis: Translating experimental targets into clinical practice. <i>European Journal of Preventive Cardiology</i> , 2018, 25, 948-955.	1.8	46
34	Altered mitochondrial quality control in Atg7-deficient VSMCs promotes enhanced apoptosis and is linked to unstable atherosclerotic plaque phenotype. <i>Cell Death and Disease</i> , 2019, 10, 119.	6.3	46
35	Species-specific alternative splicing generates a catalytically inactive form of human hormone-sensitive lipase. <i>Biochemical Journal</i> , 1997, 328, 137-143.	3.7	45
36	Oxygen-regulated protein-150 prevents calcium homeostasis deregulation and apoptosis induced by oxidized LDL in vascular cells. <i>Cell Death and Differentiation</i> , 2008, 15, 1255-1265.	11.2	43

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37	TRPC1 is regulated by caveolin-1 and is involved in oxidized LDL-induced apoptosis of vascular smooth muscle cells. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 1620-1631.	3.6	41
38	Essential role of TRPC1 channels in cardiomyoblasts hypertrophy mediated by 5-HT2A serotonin receptors. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 979-983.	2.1	39
39	Monoamine Oxidase B Induces ERK-Dependent Cell Mitogenesis by Hydrogen Peroxide Generation. <i>Biochemical and Biophysical Research Communications</i> , 2000, 271, 181-185.	2.1	37
40	Adiponectin and Long-Term Mortality in Coronary Artery Disease Participants and Controls. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, e19-29.	2.4	36
41	Lipid oxidation products and oxidized low-density lipoproteins impair platelet-derived growth factor receptor activity in smooth muscle cells: implication in atherosclerosis. <i>Redox Report</i> , 2007, 12, 96-100.	4.5	35
42	Autophagy in Metabolic Age-Related Human Diseases. <i>Cells</i> , 2018, 7, 149.	4.1	35
43	Antiatherogenic Effect of Bisvanillyl-Hydralazone, a New Hydralazine Derivative with Antioxidant, Carbonyl Scavenger, and Antiapoptotic Properties. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 2093-2106.	5.4	23
44	Serotonin 5-HT2A receptor-mediated hypertrophy is negatively regulated by caveolin-3 in cardiomyoblasts and neonatal cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 52, 502-510.	1.9	21
45	Future directions for therapeutic strategies in post-ischaemic vascularization: a position paper from European Society of Cardiology Working Group on Atherosclerosis and Vascular Biology. <i>Cardiovascular Research</i> , 2018, 114, 1411-1421.	3.8	19
46	Effects of proprotein convertase subtilisin kexin type 9 modulation in human pancreatic beta cells function. <i>Atherosclerosis</i> , 2021, 326, 47-55.	0.8	18
47	Caveolin-1 sensitizes vascular smooth muscle cells to mildly oxidized LDL-induced apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2008, 369, 889-893.	2.1	13
48	Acute coronary syndrome remodels the antiplatelet aggregation properties of HDL particle subclasses. <i>Journal of Thrombosis and Haemostasis</i> , 2018, 16, 933-945.	3.8	9
49	Identification of a miRNA Based-Signature Associated with Acute Coronary Syndrome: Evidence from the FLORINF Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 1674.	2.4	8
50	High-density lipoprotein subclass profile and mortality in patients with coronary artery disease: Results from the GENES study. <i>Archives of Cardiovascular Diseases</i> , 2016, 109, 607-617.	1.6	7
51	Response to Letter Regarding Article, "Anti-inflammatory and Antiatherogenic Effects of the Inflammasome NLRP3 Inhibitor Arglabin in ApoE2.Ki Mice Fed a High-Fat Diet". <i>Circulation</i> , 2015, 132, e250-1.	1.6	5
52	Mitophagy acts as a safeguard mechanism against human vascular smooth muscle cell apoptosis induced by atherogenic lipids. <i>Atherosclerosis</i> , 2016, 252, e200.	0.8	1
53	109 Molecular and kinetic characterization of monoamine oxidases in the rat heart. <i>Biochemical Society Transactions</i> , 1998, 26, S392-S392.	3.4	0
54	Th-P15:187 Small high-density lipoprotein (HDL) particles potently protect human endothelial cells against apoptosis induced by oxidised low density lipoprotein. <i>Atherosclerosis Supplements</i> , 2006, 7, 534.	1.2	0

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55	Signalisation apoptotique induite par les LDL oxyd�es Implication dans lâ€™ath�roscl�rose. Oleagineux Corps Gras Lipides, 2006, 13, 39-45.	0.2	0
56	242 PKC D IS INVOLVED IN OXIDIZED LDLS-INDUCED APOPTOSIS OF VASCULAR SMOOTH MUSCLE CELLS. Atherosclerosis Supplements, 2011, 12, 53.	1.2	0
57	Antioxidant and Cytoprotective Properties of Polyphenol-Rich Extracts from Antirhea borbonica and Doratoxylon apetalum against Atherogenic Lipids in Human Endothelial Cells. Antioxidants, 2022, 11, 34.	5.1	0