# Nathalie AugÃ©

List of Publications by Year
in descending order



| 50 | 3,787 | 156536 | 232693 |
|---|---|---|---|
| papers | citations | 32 h-index | 48 g-index |

| 51 | 51 | 51 | 5619 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Sphingomyelinase Disables Inactivation in Endogenous PIEZO1 Channels. Cell Reports, 2020, 33, 108225. | 2.9 | 47 |
| 2 | nSMase2 (Type 2-Neutral Sphingomyelinase) Deficiency or Inhibition by GW4869 Reduces Inflammation and Atherosclerosis in Apoe <sup>â^'/â^'</sup> Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 1479-1492. | 1.1 | 66 |
| 3 | Dual signaling evoked by oxidized LDLs in vascular cells. Free Radical Biology and Medicine, 2017, 106, 118-133. | 1.3 | 79 |
| 4 | 4-Hydroxynonenal Contributes to Angiogenesis through a Redox-Dependent Sphingolipid Pathway: Prevention by Hydralazine Derivatives. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-11. | 1.9 | 12 |
| 5 | The neutral sphingomyelinase-2 is involved in angiogenic signaling triggered by oxidized LDL. Free Radical Biology and Medicine, 2016, 93, 204-216. | 1.3 | 18 |
| 6 | Annexin II-dependent actin remodelling evoked by hydrogen peroxide requires the metalloproteinase/sphingolipid pathway. Redox Biology, 2015, 4, 169-179. | 3.9 | 8 |
| 7 | Hyaluronan synthase-2 upregulation protects smpd3-deficient fibroblasts against cell death induced by nutrient deprivation, but not against apoptosis evoked by oxidized LDL. Redox Biology, 2015, 4, 118-126. | 3.9 | 7 |
| 8 | Protein Disulfide Isomerase Modification and Inhibition Contribute to ER Stress and Apoptosis Induced by Oxidized Low Density Lipoproteins. Antioxidants and Redox Signaling, 2013, 18, 731-742. | 2.5 | 74 |
| 9 | A signaling cascade mediated by ceramide, src and PDGFRÎ² coordinates the activation of the redox-sensitive neutral sphingomyelinase-2 and sphingosine kinase-1. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2013, 1831, 1344-1356. | 1.2 | 26 |
| 10 | A Key Role for Matrix Metalloproteinases and Neutral Sphingomyelinase-2 in Transplant Vasculopathy Triggered by Anti-HLA Antibody. Circulation, 2011, 124, 2725-2734. | 1.6 | 40 |
| 11 | Pathological aspects of lipid peroxidation. Free Radical Research, 2010, 44, 1125-1171. | 1.5 | 344 |
| 12 | Stress-Induced Sphingolipid Signaling: Role of Type-2 Neutral Sphingomyelinase in Murine Cell Apoptosis and Proliferation. PLoS ONE, 2010, 5, e9826. | 1.1 | 25 |
| 13 | Protective Effect of High-Density Lipoprotein-Based Therapy in a Model of Embolic Stroke. Stroke, 2010, 41, 1536-1542. | 1.0 | 50 |
| 14 | Oxidized Low-Density Lipoproteins Trigger Endoplasmic Reticulum Stress in Vascular Cells. Circulation Research, 2009, 104, 328-336. | 2.0 | 161 |
| 15 | Preconditioning by Mitochondrial Reactive Oxygen Species Improves the Proangiogenic Potential of Adipose-Derived Cells-Based Therapy. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 1093-1099. | 1.1 | 62 |
| 16 | Hyperglycemia and Glycation in Diabetic Complications. Antioxidants and Redox Signaling, 2009, 11, 3071-3109. | 2.5 | 321 |
| 17 | Integrin Î±vÎ²3, metalloproteinases, and sphingomyelinase-2 mediate urokinase mitogenic effect. Cellular Signalling, 2009, 21, 1925-1934. | 1.7 | 15 |
| 18 | Resveratrol inhibits the mTOR mitogenic signaling evoked by oxidized LDL in smooth muscle cells. Atherosclerosis, 2009, 205, 126-134. | 0.4 | 100 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Methylglyoxal induces advanced glycation end product (AGEs) formation and dysfunction of PDGF receptorâ€Î²: implications for diabetic atherosclerosis. FASEB Journal, 2007, 21, 3096-3106. | 0.2 | 112 |
| 20 | Role for Furin in Tumor Necrosis Factor Alpha-Induced Activation of the Matrix Metalloproteinase/Sphingolipid Mitogenic Pathway. Molecular and Cellular Biology, 2007, 27, 2997-3007. | 1.1 | 60 |
| 21 | MAO-A-induced mitogenic signaling is mediated by reactive oxygen species, MMP-2, and the sphingolipid pathway. Free Radical Biology and Medicine, 2007, 43, 80-89. | 1.3 | 47 |
| 22 | The grape-derived polyphenol resveratrol differentially affects epidermal and platelet-derived growth factor signaling in human liver myofibroblasts. International Journal of Biochemistry and Cell Biology, 2006, 38, 629-637. | 1.2 | 26 |
| 23 | A deletion in the gene encoding sphingomyelin phosphodiesterase 3 (Smpd3) results in osteogenesis and dentinogenesis imperfecta in the mouse. Nature Genetics, 2005, 37, 803-805. | 9.4 | 159 |
| 24 | High-Density Lipoproteins Prevent the Oxidized Low-Density Lipoproteinâ€“Induced Endothelial Growth Factor Receptor Activation and Subsequent Matrix Metalloproteinase-2 Upregulation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 1206-1212. | 1.1 | 63 |
| 25 | Two Distinct Calcium-Dependent Mitochondrial Pathways Are Involved in Oxidized LDL-Induced Apoptosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 639-645. | 1.1 | 111 |
| 26 | Activation of the {beta}-catenin/T-cell-specific transcription factor/lymphoid enhancer factor-1 pathway by plasminogen activators in ECV304 carcinoma cells. Cancer Research, 2005, 65, 526-32. | 0.4 | 16 |
| 27 | The sphingomyelin/ceramide pathway is involved in ERK1/2 phosphorylation, cell proliferation, and uPAR overexpression induced by tissueâ€type plasminogen activator. FASEB Journal, 2004, 18, 1398-1400. | 0.2 | 37 |
| 28 | Role for Matrix Metalloproteinase-2 in Oxidized Low-Density Lipoproteinâ€“Induced Activation of the Sphingomyelin/Ceramide Pathway and Smooth Muscle Cell Proliferation. Circulation, 2004, 110, 571-578. | 1.6 | 133 |
| 29 | Proliferation and wound healing of vascular cells trigger the generation of extracellular reactive oxygen species and LDL oxidation. Free Radical Biology and Medicine, 2003, 35, 1589-1598. | 1.3 | 27 |
| 30 | Mitochondria Play a Central Role in Apoptosis Induced by Î±-Tocopheryl Succinate, an Agent with Antineoplastic Activity:Â Comparison with Receptor-Mediated Pro-Apoptotic Signalingâ€. Biochemistry, 2003, 42, 4277-4291. | 1.2 | 152 |
| 31 | Pancreatic Bile Salt-Dependent Lipase Induces Smooth Muscle Cells Proliferation. Circulation, 2003, 108, 86-91. | 1.6 | 22 |
| 32 | HDL counterbalance the proinflammatory effect of oxidized LDL by inhibiting intracellular reactive oxygen species rise, proteasome activation, and subsequent NFâ€ºB activation in smooth muscle cells. FASEB Journal, 2003, 17, 743-745. | 0.2 | 98 |
| 33 | Oxidized LDL-Induced Smooth Muscle Cell Proliferation Involves the EGF Receptor/PI-3 Kinase/Akt and the Sphingolipid Signaling Pathways. Arteriosclerosis, Thrombosis, and Vascular Biology, 2002, 22, 1990-1995. | 1.1 | 111 |
| 34 | Mitochondrial oxidative stress is modulated by oleic acid via an epidermal growth factor receptor-dependent activation of glutathione peroxidase. Biochemical Journal, 2002, 367, 889-894. | 1.7 | 53 |
| 35 | [5] Detection of intracellular reactive oxygen species in cultured cells using fluorescent probes. Methods in Enzymology, 2002, 352, 62-71. | 0.4 | 78 |
| 36 | Oxidized low-density lipoprotein-induced apoptosis. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2002, 1585, 213-221. | 1.2 | 282 |

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|---|---|---|---|
| 37 | Stressâ€induced apoptosis is not mediated by endolysosomal ceramide. FASEB Journal, 2000, 14, 36-47. | 0.2 | 63 |
| 38 | Sphingomyelin metabolites in vascular cell signaling and atherogenesis. Progress in Lipid Research, 2000, 39, 207-229. | 5.3 | 105 |
| 39 | Role of Sphingosine 1-Phosphate in the Mitogenesis Induced by Oxidized Low Density Lipoprotein in Smooth Muscle Cells via Activation of Sphingomyelinase, Ceramidase, and Sphingosine Kinase. Journal of Biological Chemistry, 1999, 274, 21533-21538. | 1.6 | 150 |
| 40 | Activation of Epithelial Growth Factor Receptor Pathway by Unsaturated Fatty Acids. Circulation Research, 1999, 85, 892-899. | 2.0 | 72 |
| 41 | Retrovirus-Mediated Correction of the Metabolic Defect in Cultured Farber Disease Cells. Human Gene Therapy, 1999, 10, 1321-1329. | 1.4 | 30 |
| 42 | Sphingomyelin-degrading pathways in human cells. Chemistry and Physics of Lipids, 1999, 102, 167-178. | 1.5 | 31 |
| 43 | Oxidized Low-Density Lipoprotein, a Two-Faced Janus in Coronary Artery Disease?. Biochemical Pharmacology, 1998, 56, 279-284. | 2.0 | 59 |
| 44 | Implications of Lag Time Concept in the Oxidation of LDL. Free Radical Research, 1998, 28, 583-591. | 1.5 | 14 |
| 45 | Oxidized LDL and oxidative injuries. Pathophysiology, 1998, 5, 44. | 1.0 | 0 |
| 46 | An Efficient Method for Solubilizing Î²-Carotene in Aqueous Solutions. Journal of Medicinal Food, 1998, 1, 39-43. | 0.8 | 4 |
| 47 | Potential Role for Ceramide in Mitogen-activated Protein Kinase Activation and Proliferation of Vascular Smooth Muscle Cells Induced by Oxidized Low Density Lipoprotein. Journal of Biological Chemistry, 1998, 273, 12893-12900. | 1.6 | 79 |
| 48 | Oxidized LDL, T lymphocytes, and graft atherosclerosis. Transplantation Proceedings, 1997, 29, 2328-2329. | 0.3 | 0 |
| 49 | The Sphingomyelin-Ceramide Signaling Pathway Is Involved in Oxidized Low Density Lipoprotein-induced Cell Proliferation. Journal of Biological Chemistry, 1996, 271, 19251-19255. | 1.6 | 113 |
| 50 | Mildly Oxidized LDL Evokes a Sustained Ca 2+ -Dependent Retraction of Vascular Smooth Muscle Cells. Circulation Research, 1996, 79, 871-880. | 2.0 | 22 |