Nathalie Andrieu-Abadie

List of Publications by Year
in descending order

92 papers	12,716 citations	94433 37 h-index	48315 88 g-index
98 all docs	98 docs citations	98 times ranked	24889 citing authors

#	Article	IF	Citations
1	Adipocyte Extracellular Vesicles Decrease p16INK4A in Melanoma: An Additional Link between Obesity and Cancer. Journal of Investigative Dermatology, 2022, 142, 2488-2498.e8.	0.7	3
2	Combining Nivolumab and Ipilimumab with Infliximab or Certolizumab in Patients with Advanced Melanoma: First Results of a Phase Ib Clinical Trial. Clinical Cancer Research, 2021, 27, 1037-1047.	7.0	55
3	Neutral Sphingomyelinase 2 Heightens Anti-Melanoma Immune Responses and Antiâ€“PD-1 Therapy Efficacy. Cancer Immunology Research, 2021, 9, 568-582.	3.4	30
4	Lipid metabolic Reprogramming: Role in Melanoma Progression and Therapeutic Perspectives. Cancers, 2020, 12, 3147.	3.7	31
5	New Insights into the Role of Sphingolipid Metabolism in Melanoma. Cells, 2020, 9, 1967.	4.1	15
6	Are Glucosylceramide-Related Sphingolipids Involved in the Increased Risk for Cancer in Gaucher Disease Patients? Review and Hypotheses. Cancers, 2020, 12, 475.	3.7	13
7	Resistance of melanoma to immune checkpoint inhibitors is overcome by targeting the sphingosine kinase-1. Nature Communications, 2020, 11, 437.	12.8	89
8	The TNF Paradox in Cancer Progression and Immunotherapy. Frontiers in Immunology, 2019, 10, 1818.	4.8	198
9	Sphingomyelin Synthase 1 (SMS1) Downregulation Is Associated With Sphingolipid Reprogramming and a Worse Prognosis in Melanoma. Frontiers in Pharmacology, 2019, 10, 443.	3.5	22
10	Anti-TNF, a magic bullet in cancer immunotherapy?. , 2019, 7, 303.		21
11	Targeting the Sphingosine 1-Phosphate Axis Exerts Potent Antitumor Activity in BRAFi-Resistant Melanomas. Molecular Cancer Therapeutics, 2019, 18, 289-300.	4.1	25
12	Lysosomal acid ceramidase ASAH1 controls the transition between invasive and proliferative phenotype in melanoma cells. Oncogene, 2019, 38, 1282-1295.	5.9	34
13	S1P: the elixir of life for naive T cells. Cellular and Molecular Immunology, 2018, 15, 657-659.	10.5	7
14	Untargeted lipidomic analysis of primary human epidermal melanocytes acutely and chronically exposed to UV radiation. Molecular Omics, 2018, 14, 170-180.	2.8	11
15	Phenotypic and lipidomic characterization of primary human epidermal keratinocytes exposed to simulated solar UV radiation. Journal of Dermatological Science, 2018, 92, 97-105.	1.9	31
16	Method to Measure Sphingomyelin Synthase Activity Changes in Response to CD95L. Methods in Molecular Biology, 2017, 1557, 207-212.	0.9	5
17	Liquid Chromatographyâ€“High Resolution Mass Spectrometry Method to Study Sphingolipid Metabolism Changes in Response to CD95L. Methods in Molecular Biology, 2017, 1557, 213-217.	0.9	6
18	TNFÎ± blockade overcomes resistance to anti-PD-1 in experimental melanoma. Nature Communications, 2017, 8, 2256.	12.8	284

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19	Role of Sphingolipids in Death Receptor Signalling. Resistance To Targeted Anti-cancer Therapeutics, 2017, , 229-245.	0.1	0
20	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
21	Glucosylceramidases and malignancies in mammals. Biochimie, 2016, 125, 267-280.	2.6	36
22	<i>PARKIN</i>Inactivation Links Parkinsonâ€™s Disease to Melanoma. Journal of the National Cancer Institute, 2016, 108, djv340.	6.3	56
23	Targeting TNF alpha as a novel strategy to enhance CD8⁺T cell-dependent immune response in melanoma?. OncoImmunology, 2016, 5, e1068495.	4.6	12
24	Downregulation of sphingosine kinase-1 induces protective tumor immunity by promoting M1 macrophage response in melanoma. Oncotarget, 2016, 7, 71873-71886.	1.8	35
25	Sphingolipids modulate the epithelialâ€“mesenchymal transition in cancer. Cell Death Discovery, 2015, 1, 15001.	4.7	16
26	Monogenic neurological disorders of sphingolipid metabolism. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2015, 1851, 1040-1051.	2.4	25
27	Human genetic disorders of sphingolipid biosynthesis. Journal of Inherited Metabolic Disease, 2015, 38, 65-76.	3.6	29
28	Blocking Tumor Necrosis Factor Î± Enhances CD8 T-cellâ€“Dependent Immunity in Experimental Melanoma. Cancer Research, 2015, 75, 2619-2628.	0.9	81
29	Basics of Sphingolipid Metabolism and Signalling. , 2015, , 1-20.		4
30	Dysregulation of Sphingolipid Metabolism in Melanoma: Roles in Pigmentation, Cell Survival and Tumor Progression. , 2015, , 123-139.		2
31	Sphingosine kinase 1 expressed by endothelial colony-forming cells has a critical role in their revascularization activity. Cardiovascular Research, 2014, 103, 121-130.	3.8	38
32	Dual role of sphingosine kinase-1 in promoting the differentiation of dermal fibroblasts and the dissemination of melanoma cells. Oncogene, 2014, 33, 3364-3373.	5.9	48
33	Genetic Disorders of Simple Sphingolipid Metabolism. Handbook of Experimental Pharmacology, 2013, , 127-152.	1.8	3
34	The nonlysosomal Î²â€glucosidase GBA2 promotes endoplasmic reticulum stress and impairs tumorigenicity of human melanoma cells. FASEB Journal, 2013, 27, 489-498.	0.5	39
35	The Tricyclodecan-9-yl-xanthogenate D609 Triggers Ceramide Increase and Enhances FasL-Induced Caspase-Dependent and -Independent Cell Death in T Lymphocytes. International Journal of Molecular Sciences, 2012, 13, 8834-8852.	4.1	14
36	Alteration of Ceramide 1-O-Functionalization as a Promising Approach for Cancer Therapy. Anti-Cancer Agents in Medicinal Chemistry, 2012, 12, 316-328.	1.7	5

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37	Spinal Muscular Atrophy Associated with Progressive Myoclonic Epilepsy Is Caused by Mutations in ASAH1. American Journal of Human Genetics, 2012, 91, 5-14.	6.2	250
38	Ordering of ceramide formation and caspase-9 activation in CD95L-induced Jurkat leukemia T cell apoptosis. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2012, 1821, 684-693.	2.4	11
39	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
40	Asymmetric synthesis and cytotoxic activity of isomeric phytosphingosine derivatives. Organic and Biomolecular Chemistry, 2011, 9, 8163.	2.8	14
41	Is active acid sphingomyelinase required for the antiproliferative response to rituximab?. Blood, 2011, 117, 3695-3696.	1.4	5
42	Acid Ceramidase Expression Modulates the Sensitivity of A375 Melanoma Cells to Dacarbazine. Journal of Biological Chemistry, 2011, 286, 28200-28209.	3.4	71
43	Synthesis and biological evaluation of aziridine-containing analogs of phytosphingosine. Tetrahedron, 2011, 67, 2570-2578.	1.9	30
44	Single- and double-chained truncated jaspine B analogues: asymmetric synthesis, biological evaluation and theoretical study of an unexpected 5-endo-dig process. Tetrahedron, 2011, 67, 4253-4262.	1.9	20
45	Caspase-10-Dependent Cell Death in Fas/CD95 Signalling Is Not Abrogated by Caspase Inhibitor zVAD-fmk. PLoS ONE, 2010, 5, e13638.	2.5	16
46	R4: RÃ1e des sphingolipides dans les interactions mÃ©lanome-stroma. Bulletin Du Cancer, 2010, 97, S18.	1.6	0
47	Regulation of cell death by sphingosine 1-phosphate lyase. Autophagy, 2010, 6, 426-427.	9.1	5
48	Synthesis of Cytotoxic Aza Analogues of Jaspine B. Journal of Organic Chemistry, 2010, 75, 7920-7923.	3.2	26
49	Flexible and enantioselective access to jaspine B and biologically active chain-modified analogues thereof. Organic and Biomolecular Chemistry, 2010, 8, 3227.	2.8	49
50	Lysosomal Serine Protease CLN2 Regulates Tumor Necrosis Factor-Î±-mediated Apoptosis in a Bid-dependent Manner. Journal of Biological Chemistry, 2009, 284, 11507-11516.	3.4	18
51	Disruption of Sphingosine 1-Phosphate Lyase Confers Resistance to Chemotherapy and Promotes Oncogenesis through Bcl-2/Bcl-xL Upregulation. Cancer Research, 2009, 69, 9346-9353.	0.9	103
52	Palmitoyl protein thioesterase 1 modulates tumor necrosis factor Î±-induced apoptosis. Biochimica Et Biophysica Acta - Molecular Cell Research, 2009, 1793, 1250-1258.	4.1	30
53	The natural marine anhydrophytosphingosine, Jaspine B, induces apoptosis in melanoma cells by interfering with ceramide metabolism. Biochemical Pharmacology, 2009, 78, 477-485.	4.4	99
54	Highly Regioselective Oxirane Ringâ€Opening of a Versatile Epoxypyrrolidine Precursor of New Iminoâ€Sugarâ€Based Sphingolipid Mimics. European Journal of Organic Chemistry, 2009, 2009, 2474-2489.	2.4	15

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55	Lysosomal Proteases in Cell Death. , 2009, , 647-669.		0
56	Neutral sphingomyelinase inhibition participates to the benefits of N-acetylcysteine treatment in post-myocardial infarction failing heart rats. Journal of Molecular and Cellular Cardiology, 2007, 43, 344-353.	1.9	70
57	Enantioselective access to a versatile 4-oxazolidinonecarbaldehyde and application to the synthesis of a cytotoxic jaspine B truncated analogue. Tetrahedron: Asymmetry, 2007, 18, 857-864.	1.8	26
58	C-Alkyl 5-membered ring imino sugars as new potent cytotoxic glucosylceramide synthase inhibitors. Organic and Biomolecular Chemistry, 2006, 4, 4437-4439.	2.8	22
59	Sphingolipids as modulators of cancer cell death: Potential therapeutic targets. Biochimica Et Biophysica Acta - Biomembranes, 2006, 1758, 2104-2120.	2.6	116
60	Lysosomes and lysosomal proteins in cancer cell death (new players of an old struggle). Biochimica Et Biophysica Acta: Reviews on Cancer, 2006, 1765, 101-125.	7.4	61
61	Role of FAN in Tumor Necrosis Factor-Î± and Lipopolysaccharide-induced Interleukin-6 Secretion and Lethality in d-Galactosamine-sensitized Mice. Journal of Biological Chemistry, 2004, 279, 18648-18655.	3.4	32
62	Mannose 6-Phosphorylated Proteins Are Required for Tumor Necrosis Factor-induced Apoptosis. Journal of Biological Chemistry, 2004, 279, 52914-52923.	3.4	20
63	N -Acetylcysteine Prevents the Deleterious Effect of Tumor Necrosis Factor-Î± on Calcium Transients and Contraction in Adult Rat Cardiomyocytes. Circulation, 2004, 109, 406-411.	1.6	71
64	Lysosomal Storage Diseases: Is Impaired Apoptosis a Pathogenic Mechanism?. Neurochemical Research, 2004, 29, 871-880.	3.3	20
65	Stress-induced apoptosis is impaired in cells with a lysosomal targeting defect but is not affected in cells synthesizing a catalytically inactive cathepsin D. Cell Death and Differentiation, 2003, 10, 1090-1100.	11.2	31
66	Voies de signalisation de lâ€™apoptose mÃ©diÃ©es par les sphingolipides. SociÃ©tÃ© De Biologie Journal, 2003, 197, 217-221.	0.3	5
67	Glutathione Peroxidase-1 Protects from CD95-induced Apoptosis. Journal of Biological Chemistry, 2002, 277, 42867-42874.	3.4	77
68	Sphingolipid signalling: molecular basis and role in TNF-Î±-induced cell death. Expert Reviews in Molecular Medicine, 2002, 4, 1-15.	3.9	17
69	Sphingomyelin hydrolysis during apoptosis. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2002, 1585, 126-134.	2.4	152
70	Ceramide in apoptosis: a revisited role. Neurochemical Research, 2002, 27, 601-607.	3.3	58
71	Ceramide in Apoptosis:. Molecular Biology Intelligence Unit, 2002, , 73-80.	0.2	1
72	Ceramide in apoptosis signaling: relationship with oxidative stress. Free Radical Biology and Medicine, 2001, 31, 717-728.	2.9	248

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73	Lysosomal sphingomyelinase is not solicited for apoptosis signaling. FASEB Journal, 2001, 15, 297-299.	0.5	63
74	Stressâ€induced apoptosis is not mediated by endolysosomal ceramide. FASEB Journal, 2000, 14, 36-47.	0.5	63
75	Lâ€carnitine prevents doxorubicinâ€induced apoptosis of cardiac myocytes: role of inhibition of ceramide generation. FASEB Journal, 1999, 13, 1501-1510.	0.5	161
76	Doxorubicin induces slow ceramide accumulation and late apoptosis in cultured adult rat ventricular myocytes. Cardiovascular Research, 1999, 43, 398-407.	3.8	78
77	CD40 Signals Apoptosis through FAN-regulated Activation of the Sphingomyelin-Ceramide Pathway. Journal of Biological Chemistry, 1999, 274, 37251-37258.	3.4	64
78	Retrovirus-Mediated Correction of the Metabolic Defect in Cultured Farber Disease Cells. Human Gene Therapy, 1999, 10, 1321-1329.	2.7	30
79	Sphingomyelin-degrading pathways in human cells. Chemistry and Physics of Lipids, 1999, 102, 167-178.	3.2	31
80	Le cÃ©ramide Ã l'origine de la cardiotoxicitÃ© de la doxorubicine.. Medecine/Sciences, 1999, 15, 1322.	0.2	0
81	Glutathione Regulation of Neutral Sphingomyelinase in Tumor Necrosis Factor-Î±-induced Cell Death. Journal of Biological Chemistry, 1998, 273, 11313-11320.	3.4	317
82	Apoptosis and Activation of the Sphingomyelin-Ceramide Pathway Induced by Oxidized Low Density Lipoproteins Are Not Causally Related in ECV-304 Endothelial Cells. Journal of Biological Chemistry, 1998, 273, 27389-27395.	3.4	55
83	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.	3.4	79
84	The tumour necrosis factor-sensitive pool of sphingomyelin is resynthesized in a distinct compartment of the plasma membrane. Biochemical Journal, 1998, 333, 91-97.	3.7	18
85	Phospholipase A2 Is Necessary for Tumor Necrosis Factor Î±-induced Ceramide Generation in L929 Cells. Journal of Biological Chemistry, 1997, 272, 17196-17203.	3.4	151
86	Daunorubicin-induced apoptosis: triggering of ceramide generation through sphingomyelin hydrolysis.. EMBO Journal, 1996, 15, 2417-2424.	7.8	323
87	Comparative Study of the Metabolic Pools of Sphingomyelin and Phosphatidylcholine Sensitive to Tumor Necrosis Factor. FEBS Journal, 1996, 236, 738-745.	0.2	71
88	The Sphingomyelin-Ceramide Signaling Pathway Is Involved in Oxidized Low Density Lipoprotein-induced Cell Proliferation. Journal of Biological Chemistry, 1996, 271, 19251-19255.	3.4	113
89	La voie sphingomyÃ©line-cÃ©ramide dans la rÃ©ponse cellulaire aux effecteurs anti-tumoraux. Medecine/Sciences, 1996, 12, 1219.	0.2	1
90	Low Temperatures and Hypertonicity Do Not Block Cytokine-induced Stimulation of the Sphingomyelin Pathway but Inhibit Nuclear Factor-ÎºB Activation. Journal of Biological Chemistry, 1995, 270, 24518-24524.	3.4	44

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91	Degradation of fluorescent and radiolabelled sphingomyelins in intact cells by a non-lysosomal pathway. Lipids and Lipid Metabolism, 1995, 1258, 277-287.	2.6	16
92	Evidence against involvement of the acid lysosomal sphingomyelinase in the tumor-necrosis-factor- and interleukin-1-induced sphingomyelin cycle and cell proliferation in human fibroblasts. Biochemical Journal, 1994, 303, 341-345.	3.7	91