

# Jean-Pierre JaffrÃ©zou

## List of Publications by Year in descending order

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37  
papers

2,639  
citations

201674

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2309  
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| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Genomic stability at the coding regions of the multidrug transporter gene ABCB1: insights into the development of alternative drug resistance mechanisms in human leukemia cells. , 2020, 3, 959-979.     |      | 1         |
| 2  | PKC $\zeta$ protects against UV-C-induced apoptosis by inhibiting acid sphingomyelinase-dependent ceramide production. Biochemical Journal, 2007, 405, 77-83.   | 3.7  | 22        |
| 3  | Sphingolipids as modulators of cancer cell death: Potential therapeutic targets. Biochimica Et Biophysica Acta - Biomembranes, 2006, 1758, 2104-2120.   | 2.6  | 116       |
| 4  | UV-C Light Induces Raft-associated Acid Sphingomyelinase and JNK Activation and Translocation Independently on a Nuclear Signal. Journal of Biological Chemistry, 2005, 280, 19196-19204.                 | 3.4  | 115       |
| 5  | Ceramide in Regulation of Apoptosis. , 2004, , 269-284.   |      | 12        |
| 6  | Cytoprotective Effect of Glucosylceramide Synthase Inhibition against Daunorubicin-induced Apoptosis in Human Leukemic Cell Lines. Journal of Biological Chemistry, 2004, 279, 18256-18261.               | 3.4  | 37        |
| 7  | Rituximab antiproliferative effect in B-lymphoma cells is associated with acid-sphingomyelinase activation in raft microdomains. Blood, 2004, 104, 1166-1173.   | 1.4  | 122       |
| 8  | Resistance to microtubule-targeted cytotoxins in a K562 leukemia cell variant associated with altered tubulin expression and polymerization. Bulletin Du Cancer, 2004, 91, E81-112.                       | 1.6  | 8         |
| 9  | Phosphatidylcholine-derived phosphatidic acid and diacylglycerol are involved in the signaling pathways activated by docetaxel. Journal of Experimental Therapeutics and Oncology, 2003, 3, 36-46.        | 0.5  | 11        |
| 10 | Protein kinase C $\zeta$ mediated Raf-1/extracellular-regulated kinase activation by daunorubicin. Blood, 2003, 101, 1543-1550.   | 1.4  | 35        |
| 11 | Overexpression of Protein Kinase C $\zeta$ Confers Protection Against Antileukemic Drugs by Inhibiting the Redox-Dependent Sphingomyelinase Activation. Molecular Pharmacology, 2002, 62, 1446-1455.      | 2.3  | 46        |
| 12 | Ara-C and daunorubicin-induced recruitment of Lyn in sphingomyelinase-enriched membrane rafts. FASEB Journal, 2002, 16, 1685-1687.  | 0.5  | 44        |
| 13 | Daunorubicin- and Ara-C-induced interphasic apoptosis of human Type II leukemia cells is caspase-8-independent. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2002, 1584, 99-103. | 2.4  | 6         |
| 14 | Genotypical instability in undifferentiated cells: precursors for environmental adaptability?. Cell Death and Differentiation, 2001, 8, 436-437.  | 11.2 | 0         |
| 15 | Lysosomal sphingomyelinase is not solicited for apoptosis signaling. FASEB Journal, 2001, 15, 297-299.  | 0.5  | 63        |
| 16 | Activation of a nuclear sphingomyelinase in radiation induced apoptosis. FASEB Journal, 2001, 15, 123-133.  | 0.5  | 44        |
| 17 | Oxidative stress-induced activation of Lyn recruits sphingomyelinase and is requisite for its stimulation by Ara-C. FASEB Journal, 2001, 15, 1583-1585.   | 0.5  | 40        |
| 18 | Stress-induced apoptosis is not mediated by endolysosomal ceramide. FASEB Journal, 2000, 14, 36-47.   | 0.5  | 63        |

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|----|--|------|-----------|
| 19 | Implication of Radical Oxygen Species in Ceramide Generation, c-Jun N-Terminal Kinase Activation and Apoptosis Induced by Daunorubicin. <i>Molecular Pharmacology</i> , 1999, 56, 867-874.   | 2.3  | 134       |
| 20 | L-carnitine prevents doxorubicin-induced apoptosis of cardiac myocytes: role of inhibition of ceramide generation. <i>FASEB Journal</i> , 1999, 13, 1501-1510.   | 0.5  | 161       |
| 21 | CD40 Signals Apoptosis through FAN-regulated Activation of the Sphingomyelin-Ceramide Pathway. <i>Journal of Biological Chemistry</i> , 1999, 274, 37251-37258.  | 3.4  | 64        |
| 22 | Sphingomyelin-degrading pathways in human cells. <i>Chemistry and Physics of Lipids</i> , 1999, 102, 167-178.  | 3.2  | 31        |
| 23 | Signalling sphingomyelinases: which, where, how and why? [With the participation of Nathalie Andrieu-Abadie, Nathalie Augé, Bruno Ségui, Emmanuelle Uro-Coste, Robert Salvayre, INSERM Unit 466, Laboratoire de Biochimie, Maladies Métaboliques, Institut Louis Bugnard, Bât. L3, C.H.U. Rangueil, 1 Avenue Jean Poulhès, E 9910 Toulouse Cedex 4, France, and Christine Bezombes, Véronique Mansat-De Mas, INSERM CIF 9503, Institut Claudius Régaud, Toulouse, France., <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 1999, 1438, 1-17. | 2.4  | 276       |
| 24 | Daunorubicin- and Mitoxantrone-Triggered Phosphatidylcholine Hydrolysis: Implication in Drug-Induced Ceramide Generation and Apoptosis. <i>Molecular Pharmacology</i> , 1999, 55, 118-125.   | 2.3  | 38        |
| 25 | Lack of ceramide generation in TF-1 human myeloid leukemic cells resistant to ionizing radiation. <i>Cell Death and Differentiation</i> , 1998, 5, 172-182.  | 11.2 | 72        |
| 26 | Antitumor Agent-Induced Apoptosis in Myeloid Leukemia Cells: A Controlled Suicide. <i>Leukemia and Lymphoma</i> , 1998, 29, 453-463.   | 1.3  | 13        |
| 27 | Potential Role for Ceramide in Mitogen-activated Protein Kinase Activation and Proliferation of Vascular Smooth Muscle Cells Induced by Oxidized Low Density Lipoprotein. <i>Journal of Biological Chemistry</i> , 1998, 273, 12893-12900.   | 3.4  | 79        |
| 28 | Positive feedback control of neutral sphingomyelinase activity by ceramide. <i>FASEB Journal</i> , 1998, 12, 999-1006.   | 0.5  | 82        |
| 29 | Restoration of TNF- $\alpha$ -induced ceramide generation and apoptosis in resistant human leukemia KG1a cells by the P-glycoprotein blocker PSC833. <i>FASEB Journal</i> , 1998, 12, 101-109.   | 0.5  | 124       |
| 30 | Implication of Mitochondrial Hydrogen Peroxide Generation in Ceramide-induced Apoptosis. <i>Journal of Biological Chemistry</i> , 1997, 272, 21388-21395.  | 3.4  | 449       |
| 31 | Multidrug-resistant Human Sarcoma Cells with a Mutant P-Glycoprotein, Altered Phenotype, and Resistance to Cyclosporins. <i>Journal of Biological Chemistry</i> , 1997, 272, 5974-5982.  | 3.4  | 74        |
| 32 | Serine protease inhibitors block neutral sphingomyelinase activation, ceramide generation, and apoptosis triggered by daunorubicin. <i>FASEB Journal</i> , 1997, 11, 695-702.  | 0.5  | 68        |
| 33 | Drug Evaluation: Oncologic, Endocrine & Metabolic: Docetaxel (Taxotere®): current status and clinical prospects. <i>Expert Opinion on Investigational Drugs</i> , 1995, 4, 1185-1195.  | 4.1  | 3         |
| 34 | Low Temperatures and Hypertonicity Do Not Block Cytokine-induced Stimulation of the Sphingomyelin Pathway but Inhibit Nuclear Factor- $\kappa$ B Activation. <i>Journal of Biological Chemistry</i> , 1995, 270, 24518-24524.  | 3.4  | 44        |
| 35 | Inhibition of lysosomal acid sphingomyelinase by agents which reverse multidrug resistance. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1995, 1266, 1-8.  | 4.1  | 51        |
| 36 | Verapamil decreases P-glycoprotein expression in multidrug-resistant human leukemic cell lines. <i>International Journal of Cancer</i> , 1994, 56, 749-754.  | 5.1  | 79        |

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|----|--|-----|-----------|
| 37 | The intriguing link between modulation of both multidrug resistance and ligand-toxin conjugate cytotoxicity. FEBS Letters, 1993, 323, 191-197. | 2.8 | 12        |