

Fabrice Gouilleux

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

3,433
citations

136885

32
h-index

138417

58
g-index

71
all docs

71
docs citations

71
times ranked

3855
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Functional interactions between Stat5 and the glucocorticoid receptor. <i>Nature</i> , 1996, 383, 726-728. | 13.7 | 640 |
| 2 | Mediation of Growth Hormone-dependent Transcriptional Activation by Mammary Gland Factor/Stat 5. <i>Journal of Biological Chemistry</i> , 1995, 270, 9448-9453. | 1.6 | 156 |
| 3 | A Sequence of the CIS Gene Promoter Interacts Preferentially with Two Associated STAT5A Dimers: a Distinct Biochemical Difference between STAT5A and STAT5B. <i>Molecular and Cellular Biology</i> , 1998, 18, 5852-5860. | 1.1 | 148 |
| 4 | IL-10 induces DNA binding activity of three STAT proteins (Stat1, Stat3, and Stat5) and their distinct combinatorial assembly in the promoters of selected genes. <i>FEBS Letters</i> , 1996, 394, 365-370. | 1.3 | 141 |
| 5 | Transforming properties of chimeric TEL-JAK proteins in Ba/F3 cells. <i>Blood</i> , 2000, 95, 2076-2083. | 0.6 | 127 |
| 6 | Prolactin-mediated gene activation in mammary epithelial cells. <i>Current Opinion in Genetics and Development</i> , 1995, 5, 587-594. | 1.5 | 112 |
| 7 | Constitutive activation of Stat5 promotes its cytoplasmic localization and association with PI3-kinase in myeloid leukemias. <i>Blood</i> , 2007, 109, 1678-1686. | 0.6 | 108 |
| 8 | Activated STAT5 proteins induce activation of the PI 3-kinase/Akt and Ras/MAPK pathways via the Gab2 scaffolding adapter. <i>Biochemical Journal</i> , 2005, 390, 359-366. | 1.7 | 99 |
| 9 | Oncogenic Kit controls neoplastic mast cell growth through a Stat5/PI3-kinase signaling cascade. <i>Blood</i> , 2008, 112, 2463-2473. | 0.6 | 97 |
| 10 | Extracellular Signal-Regulated Kinases 1 and 2 and TRPC1 Channels are Required for Calcium-Sensing Receptor-Stimulated MCF-7 Breast Cancer Cell Proliferation. <i>Cellular Physiology and Biochemistry</i> , 2009, 23, 335-346. | 1.1 | 96 |
| 11 | A Functional Polymorphism in a STAT5B Site of the Human PPAR γ 3 Gene Promoter Affects Height and Lipid Metabolism in a French Population. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003, 23, 289-294. | 1.1 | 91 |
| 12 | Cooperation between structural elements in hormoneregulated transcription from the mouse mammary tumor virus promoter. <i>Nucleic Acids Research</i> , 1991, 19, 1563-1569. | 6.5 | 78 |
| 13 | A Single Amino Acid in the DNA Binding Regions of STAT5A and STAT5B Confers Distinct DNA Binding Specificities. <i>Journal of Biological Chemistry</i> , 1998, 273, 33936-33941. | 1.6 | 76 |
| 14 | Expression of Activated STAT5 in Neoplastic Mast Cells in Systemic Mastocytosis. <i>American Journal of Pathology</i> , 2009, 175, 2416-2429. | 1.9 | 72 |
| 15 | Constitutively active STAT5 variants induce growth and survival of hematopoietic cells through a PI 3-kinase/Akt dependent pathway. <i>Oncogene</i> , 2001, 20, 2080-2090. | 2.6 | 68 |
| 16 | IGF-1 activates hEAG K ⁺ channels through an Akt-dependent signaling pathway in breast cancer cells: Role in cell proliferation. <i>Journal of Cellular Physiology</i> , 2007, 212, 690-701. | 2.0 | 62 |
| 17 | Cooperation between STAT5 and phosphatidylinositol 3-kinase in the IL-3-dependent survival of a bone marrow derived cell line. <i>Oncogene</i> , 2000, 19, 1164-1172. | 2.6 | 58 |
| 18 | Stat5a serine 725 and 779 phosphorylation is a prerequisite for hematopoietic transformation. <i>Blood</i> , 2010, 116, 1548-1558. | 0.6 | 56 |

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|----|--|-----|-----------|
| 19 | PAK-dependent STAT5 serine phosphorylation is required for BCR-ABL-induced leukemogenesis. <i>Leukemia</i> , 2014, 28, 629-641. | 3.3 | 56 |
| 20 | Activated Stat Related Transcription Factors in Acute Leukemia. <i>Leukemia and Lymphoma</i> , 1997, 28, 83-88. | 0.6 | 51 |
| 21 | Innovative drug delivery nanosystems improve the anti-tumor activity in vitro and in vivo of anti-estrogens in human breast cancer and multiple myeloma. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2005, 94, 111-121. | 1.2 | 49 |
| 22 | Implication of the calcium sensing receptor and the Phosphoinositide 3-kinase/Akt pathway in the extracellular calcium-mediated migration of RAW 264.7 osteoclast precursor cells. <i>Bone</i> , 2010, 46, 1416-1423. | 1.4 | 49 |
| 23 | Pharmacological Inhibition of Oncogenic STAT3 and STAT5 Signaling in Hematopoietic Cancers. <i>Cancers</i> , 2020, 12, 240. | 1.7 | 49 |
| 24 | O-GlcNAcylation of STAT5 controls tyrosine phosphorylation and oncogenic transcription in STAT5-dependent malignancies. <i>Leukemia</i> , 2017, 31, 2132-2142. | 3.3 | 47 |
| 25 | Oxidative metabolism in cancer. <i>Jak-stat</i> , 2013, 2, e25764. | 2.2 | 44 |
| 26 | IL-2 and long-term T cell activation induce physical and functional interaction between STAT5 and ETS transcription factors in human T cells. <i>Oncogene</i> , 2000, 19, 2086-2097. | 2.6 | 43 |
| 27 | Colony-stimulating factors and interferon- $\hat{1}^3$ activate a protein related to MGF-Stat 5 to cause formation of the differentiation-induced factor in myeloid cells. <i>FEBS Letters</i> , 1995, 360, 29-33. | 1.3 | 42 |
| 28 | The different functions of Stat5 and chromatin alteration through Stat5 proteins. <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 6237. | 3.0 | 39 |
| 29 | Cytokine Receptor-independent, Constitutively Active Variants of STAT5. <i>Journal of Biological Chemistry</i> , 1997, 272, 30237-30243. | 1.6 | 36 |
| 30 | The TEL-Jak2 oncoprotein induces Socs1 expression and altered cytokine response in Ba/F3 cells. <i>Oncogene</i> , 2001, 20, 849-858. | 2.6 | 35 |
| 31 | 4-Hydroxytamoxifen Inhibits Proliferation of Multiple Myeloma Cells In vitro through Down-Regulation of c-Myc, Up-Regulation of p27Kip1, and Modulation of Bcl-2 Family Members. <i>Clinical Cancer Research</i> , 2005, 11, 2345-2354. | 3.2 | 35 |
| 32 | Granulocyte-Colony-Stimulating Factor Stimulation of Bone Marrow Mesenchymal Stromal Cells Promotes CD34+ Cell Migration Via a Matrix Metalloproteinase-2-Dependent Mechanism. <i>Stem Cells and Development</i> , 2012, 21, 3162-3172. | 1.1 | 35 |
| 33 | Oncogenic STAT5 signaling promotes oxidative stress in chronic myeloid leukemia cells by repressing antioxidant defenses. <i>Oncotarget</i> , 2017, 8, 41876-41889. | 0.8 | 33 |
| 34 | Disruption of gap junctions attenuates acute myeloid leukemia chemoresistance induced by bone marrow mesenchymal stromal cells. <i>Oncogene</i> , 2020, 39, 1198-1212. | 2.6 | 32 |
| 35 | IL-2 Phosphorylates STAT5 To Drive IFN- $\hat{1}^3$ Production and Activation of Human Dendritic Cells. <i>Journal of Immunology</i> , 2014, 192, 5660-5670. | 0.4 | 29 |
| 36 | Regression of primary hepatocarcinoma in cancer-prone transgenic mice by local interferon- $\hat{1}^3$ delivery is associated with macrophages recruitment and nitric oxide production. <i>Cancer Gene Therapy</i> , 2001, 8, 193-202. | 2.2 | 26 |

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|----|--|-----|-----------|
| 37 | Interleukin-7 induces apoptosis of 697 pre-B cells expressing dominant-negative forms of STAT5: evidence for caspase-dependent and -independent mechanisms. <i>Oncogene</i> , 2004, 23, 3040-3047. | 2.6 | 26 |
| 38 | Effective targeting of STAT5-mediated survival in myeloproliferative neoplasms using ABT-737 combined with rapamycin. <i>Leukemia</i> , 2010, 24, 1397-1405. | 3.3 | 26 |
| 39 | Structure-based design of novel quinoxaline-2-carboxylic acids and analogues as Pim-1 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018, 154, 101-109. | 2.6 | 26 |
| 40 | Evidence for a protective role of the STAT5 transcription factor against oxidative stress in human leukemic pre-B cells. <i>Leukemia</i> , 2012, 26, 2390-2397. | 3.3 | 25 |
| 41 | Hepatic Deletion of Janus Kinase 2 Counteracts Oxidative Stress in Mice. <i>Scientific Reports</i> , 2016, 6, 34719. | 1.6 | 24 |
| 42 | Cyclin D1 unbalances the redox status controlling cell adhesion, migration, and drug resistance in myeloma cells. <i>Oncotarget</i> , 2016, 7, 45214-45224. | 0.8 | 21 |
| 43 | TGF- β 1 modulates Fas (APO-1/CD95)-mediated apoptosis of human pre-B β cell lines. <i>European Journal of Immunology</i> , 2003, 33, 1372-1381. | 1.6 | 19 |
| 44 | Repurposing of Acriflavine to Target Chronic Myeloid Leukemia Treatment. <i>Current Medicinal Chemistry</i> , 2021, 28, 2218-2233. | 1.2 | 19 |
| 45 | Improved antitumoral properties of pure antiestrogen RU 58668-loaded liposomes in multiple myeloma. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2006, 100, 67-78. | 1.2 | 18 |
| 46 | New Inhibitor Targeting Signal Transducer and Activator of Transcription 5 (STAT5) Signaling in Myeloid Leukemias. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 6119-6136. | 2.9 | 17 |
| 47 | Involvement of the NF- κ B pathway in the transforming properties of the TEL-Jak2 leukemogenic fusion protein. <i>FEBS Letters</i> , 2001, 497, 148-152. | 1.3 | 16 |
| 48 | ZAP-70 tyrosine kinase is constitutively expressed and phosphorylated in B-lineage acute lymphoblastic leukemia cells. <i>Haematologica</i> , 2005, 90, 899-905. | 1.7 | 16 |
| 49 | The Tumor Suppressor hTid1 Inhibits STAT5b Activity via Functional Interaction. <i>Journal of Biological Chemistry</i> , 2011, 286, 5034-5042. | 1.6 | 15 |
| 50 | A Novel Inhibitor of STAT5 Signaling Overcomes Chemotherapy Resistance in Myeloid Leukemia Cells. <i>Cancers</i> , 2019, 11, 2043. | 1.7 | 15 |
| 51 | Interaction with the nuclear matrix of a chimeric construct containing a replication origin and a transcription unit. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1992, 1171, 187-197. | 2.4 | 12 |
| 52 | STAT5 is Expressed in CD34+/CD38 β Stem Cells and Serves as a Potential Molecular Target in Ph-Negative Myeloproliferative Neoplasms. <i>Cancers</i> , 2020, 12, 1021. | 1.7 | 12 |
| 53 | Chromatin structure of hormono-dependent promoters. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1991, 40, 325-332. | 1.2 | 11 |
| 54 | The Selective Estrogen Receptor Modulator 4-Hydroxy Tamoxifen Induces G1 Arrest and Apoptosis of Multiple Myeloma Cell Lines. <i>Annals of the New York Academy of Sciences</i> , 2003, 1010, 321-325. | 1.8 | 11 |

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|----|---|-----|-----------|
| 55 | Acridflavine targets oncogenic STAT5 signaling in myeloid leukemia cells. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 10052-10062. | 1.6 | 11 |
| 56 | Serine phosphorylation of the Stat5a C-terminus is a driving force for transformation. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 3043. | 3.0 | 10 |
| 57 | New Quinoxaline Derivatives as Dual Pim-1/2 Kinase Inhibitors: Design, Synthesis and Biological Evaluation. <i>Molecules</i> , 2021, 26, 867. | 1.7 | 10 |
| 58 | Characterization of NADPH Oxidase Expression and Activity in Acute Myeloid Leukemia Cell Lines: A Correlation with the Differentiation Status. <i>Antioxidants</i> , 2021, 10, 498. | 2.2 | 10 |
| 59 | Differential effect of dexamethasone on cell death and STAT5 activation during in vitro eosinopoiesis. <i>British Journal of Haematology</i> , 2003, 123, 933-941. | 1.2 | 9 |
| 60 | Horizontal meta-analysis identifies common deregulated genes across AML subgroups providing a robust prognostic signature. <i>Blood Advances</i> , 2020, 4, 5322-5335. | 2.5 | 8 |
| 61 | VAS3947 Induces UPR-Mediated Apoptosis through Cysteine Thiol Alkylation in AML Cell Lines. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5470. | 1.8 | 7 |
| 62 | Design, synthesis, and antiproliferative effect of 2,9-bis[4-(pyridinylalkylaminomethyl)phenyl]-1,10-phenanthroline derivatives on human leukemic cells by targeting G-quadruplex. <i>Archiv Der Pharmazie</i> , 2021, 354, e2000450. | 2.1 | 7 |
| 63 | STAT5A/5B-specific expansion and transformation of hematopoietic stem cells. <i>Blood Cancer Journal</i> , 2017, 7, e514-e514. | 2.8 | 6 |
| 64 | Inhibitors Targeting STAT5 Signaling in Myeloid Leukemias: New Tetrahydroquinoline Derivatives with Improved Antileukemic Potential. <i>ChemMedChem</i> , 2021, 16, 1034-1046. | 1.6 | 4 |
| 65 | Dibenzofuran Derivatives Inspired from Cercosporamide as Dual Inhibitors of Pim and CLK1 Kinases. <i>Molecules</i> , 2021, 26, 6572. | 1.7 | 3 |
| 66 | Diphenyleneiodonium Triggers Cell Death of Acute Myeloid Leukemia Cells by Blocking the Mitochondrial Respiratory Chain, and Synergizes with Cytarabine. <i>Cancers</i> , 2022, 14, 2485. | 1.7 | 2 |
| 67 | Erythropoietin, Thrombopoietin and Leptin Receptors. <i>Growth Hormone</i> , 2002, , 145-178. | 0.2 | 1 |
| 68 | Genetic and Pharmacologic Targeting of STAT5/Gab2/PI3K/mTOR Signaling in a Mouse Myeloproliferative Disease Model. <i>Blood</i> , 2009, 114, 3902-3902. | 0.6 | 1 |
| 69 | Bone Marrow Mesenchymal Stromal Cells Regulate the Metabolism of H2O2 In Human Leukemic Cells. <i>Blood</i> , 2010, 116, 1058-1058. | 0.6 | 0 |
| 70 | Carbenoxolone Decreases the Microenvironment-Induced Chemoresistance of Acute Myeloid Leukemia Cells. <i>Blood</i> , 2018, 132, 1474-1474. | 0.6 | 0 |