

Claire M Dubois

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,919
citations

186265

28
h-index

189892

50
g-index

51
all docs

51
docs citations

51
times ranked

4178
citing authors

#	ARTICLE	IF	CITATIONS
1	Processing of Transforming Growth Factor $\hat{1}^2$ Precursor by Human Furin Convertase. Journal of Biological Chemistry, 1995, 270, 10618-10624.	3.4	341
2	Transforming Growth Factor $\hat{1}^2$ Induces Hypoxia-inducible Factor-1 Stabilization through Selective Inhibition of PHD2 Expression. Journal of Biological Chemistry, 2006, 281, 24171-24181.	3.4	271
3	Evidence that Furin Is an Authentic Transforming Growth Factor- $\hat{1}^2$ -Converting Enzyme. American Journal of Pathology, 2001, 158, 305-316.	3.8	220
4	Asbestos Fibers and Silica Particles Stimulate Rat Alveolar Macrophages To Release Tumor Necrosis Factor: Autoregulatory Role of Leukotriene B4. The American Review of Respiratory Disease, 1989, 139, 1257-1264.	2.9	181
5	Hypoxia-enhanced Expression of the Proprotein Convertase Furin Is Mediated by Hypoxia-inducible Factor-1. Journal of Biological Chemistry, 2005, 280, 6561-6569.	3.4	149
6	Transforming Growth Factor- $\hat{1}^2$ Is a Potent Inhibitor of Glutathione Synthesis in the Lung Epithelial Cell Line A549: Transcriptional Effect on the GSH Rate-limiting Enzyme $\hat{1}^3$ -Glutamylcysteine Synthetase. American Journal of Respiratory Cell and Molecular Biology, 1997, 17, 599-607.	2.9	140
7	Cross-talk between the p42/p44 MAP Kinase and Smad Pathways in Transforming Growth Factor $\hat{1}^2$ -induced Furin Gene Transactivation. Journal of Biological Chemistry, 2001, 276, 33986-33994.	3.4	112
8	Hypoxia-inducible Factor Mediates Hypoxic and Tumor Necrosis Factor $\hat{1}^2$ -induced Increases in Tumor Necrosis Factor- $\hat{1}^2$ Converting Enzyme/ADAM17 Expression by Synovial Cells. Journal of Biological Chemistry, 2007, 282, 33714-33724.	3.4	100
9	Inflammatory Cytokine Production by Human Neutrophils Involves C/EBP Transcription Factors. Journal of Immunology, 2009, 182, 563-571.	0.8	94
10	TACE/ADAM-17 maturation and activation of sheddase activity require proprotein convertase activity. FEBS Letters, 2003, 554, 275-283.	2.8	92
11	Differential involvement of NF- $\hat{1}^B$ and MAP kinase pathways in the generation of inflammatory cytokines by human neutrophils. Journal of Leukocyte Biology, 2007, 81, 567-577.	3.3	88
12	Hypoxia-Induced Invadopodia Formation Involves Activation of NHE-1 by the p90 Ribosomal S6 Kinase (p90RSK). PLoS ONE, 2011, 6, e28851.	2.5	71
13	Melatonin stimulates the nonamyloidogenic processing of $\hat{1}^2$ APP through the positive transcriptional regulation of ADAM10 and ADAM17. Journal of Pineal Research, 2015, 58, 151-165.	7.4	68
14	Proprotein cleavage of E-cadherin by furin in baculovirus over-expression system: potential role of other convertases in mammalian cells. FEBS Letters, 1998, 438, 306-310.	2.8	64
15	Autotaxin Promotes Cancer Invasion via the Lysophosphatidic Acid Receptor 4: Participation of the Cyclic AMP/EPAC/Rac1 Signaling Pathway in Invadopodia Formation. Cancer Research, 2010, 70, 4634-4643.	0.9	63
16	High Glucose Up-regulates ADAM17 through HIF-1 $\hat{1}^2$ in Mesangial Cells. Journal of Biological Chemistry, 2015, 290, 21603-21614.	3.4	55
17	Hypoxia-induced mobilization of NHE6 to the plasma membrane triggers endosome hyperacidification and chemoresistance. Nature Communications, 2017, 8, 15884.	12.8	54
18	The p38-MSK1 Signaling Cascade Influences Cytokine Production through CREB and C/EBP Factors in Human Neutrophils. Journal of Immunology, 2013, 191, 4299-4307.	0.8	50

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19	Involvement of Smads in TGF β 1-induced furin (fur) transcription. <i>Journal of Cellular Physiology</i> , 2001, 188, 264-273.	4.1	47
20	Platelet-Derived Growth Factor Receptor Activation Promotes the Prodestructive Invadosome-Forming Phenotype of Synoviocytes from Patients with Rheumatoid Arthritis. <i>Journal of Immunology</i> , 2016, 196, 3264-3275.	0.8	47
21	HDAC6 Deacetylase Activity Is Required for Hypoxia-Induced Invadopodia Formation and Cell Invasion. <i>PLoS ONE</i> , 2013, 8, e55529.	2.5	37
22	Enhanced TGF β 1 maturation in high five cells coinfectd with recombinant baculovirus encoding the convertase furin/pace: Improved technology for the production of recombinant proproteins in insect cells. <i>Biotechnology and Bioengineering</i> , 1998, 58, 85-91.	3.3	35
23	Novel insights into cadherin processing by subtilisin-like convertases. <i>FEBS Letters</i> , 2003, 536, 203-208.	2.8	33
24	Hypoxia enhances cancer cell invasion through relocalization of the proprotein convertase furin from the trans-golgi network to the cell surface. <i>Journal of Cellular Physiology</i> , 2012, 227, 789-800.	4.1	33
25	Cytokine Production and NET Formation by Monosodium Urate-Activated Human Neutrophils Involves Early and Late Events, and Requires Upstream TAK1 and Syk. <i>Frontiers in Immunology</i> , 2019, 10, 2996.	4.8	33
26	Transglutaminase 2 cross-linking activity is linked to invadopodia formation and cartilage breakdown in arthritis. <i>Arthritis Research and Therapy</i> , 2012, 14, R159.	3.5	32
27	Alternative pathway for the role of furin in tumor cell invasion processEnhanced MMP-2 levels through bioactive TGF β 2. <i>Experimental Cell Research</i> , 2003, 291, 326-339.	2.6	31
28	The serpin proteinase inhibitor 8: An endogenous furin inhibitor released from human platelets. <i>Thrombosis and Haemostasis</i> , 2006, 95, 243-252.	3.4	31
29	Lipopolysaccharide mediated regulation of neuroendocrine associated proprotein convertases and neuropeptide precursor processing in the rat spleen. <i>Journal of Neuroimmunology</i> , 2006, 171, 57-71.	2.3	31
30	Transforming growth factor β 2 and interleukin-1: a paradigm for opposing regulation of haemopoiesis. <i>Best Practice and Research: Clinical Haematology</i> , 1992, 5, 703-721.	1.1	26
31	Formation of invadopodia-like structures by synovial cells promotes cartilage breakdown in collagen-induced arthritis: Involvement of the protein tyrosine kinase Src. <i>Arthritis and Rheumatism</i> , 2011, 63, 1591-1602.	6.7	26
32	Role of Transforming Growth Factor- β 1 in Regulation of Hematopoiesis. <i>Annals of the New York Academy of Sciences</i> , 1991, 628, 31-43.	3.8	25
33	Furin gene (fur) regulation in differentiating human megakaryoblastic Dami cells: involvement of the proximal GATA recognition motif in the P1 promoter and impact on the maturation of furin substrates. <i>Blood</i> , 2002, 100, 3578-3587.	1.4	25
34	Vascular Induction of a Disintegrin and Metalloprotease 17 by Angiotensin II Through Hypoxia Inducible Factor 1 α . <i>American Journal of Hypertension</i> , 2015, 28, 10-14.	2.0	22
35	The Chicken Chorioallantoic Membrane Tumor Assay as a Relevant In Vivo Model to Study the Impact of Hypoxia on Tumor Progression and Metastasis. <i>Cancers</i> , 2021, 13, 1093.	3.7	20
36	Expression of the ectodomain-releasing protease ADAM17 is directly regulated by the osteosarcoma and bone-related transcription factor RUNX2. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 8204-8219.	2.6	20

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37	Attenuation of MET-mediated migration and invasion in hepatocellular carcinoma cells by SOCS1. <i>World Journal of Gastroenterology</i> , 2017, 23, 6639-6649.	3.3	19
38	Activation of TAK1 by Chemotactic and Growth Factors, and Its Impact on Human Neutrophil Signaling and Functional Responses. <i>Journal of Immunology</i> , 2015, 195, 5393-5403.	0.8	18
39	The Hypoxic Tumor Microenvironment Promotes Invadopodia Formation and Metastasis through LPA1 Receptor and EGFR Cooperation. <i>Molecular Cancer Research</i> , 2018, 16, 1601-1613.	3.4	18
40	Snail Is a Critical Mediator of Invadosome Formation and Joint Degradation in Arthritis. <i>American Journal of Pathology</i> , 2016, 186, 359-374.	3.8	16
41	Inhibition of Alveolar Macrophage Cytotoxicity by Asbestos: Possible Role of Prostaglandins. <i>Journal of Leukocyte Biology</i> , 1990, 47, 129-134.	3.3	13
42	Simultaneous pH Measurement in Endocytic and Cytosolic Compartments in Living Cells using Confocal Microscopy. <i>Journal of Visualized Experiments</i> , 2014, , .	0.3	13
43	Leukotriene D ₄ Up-Regulates Furin Expression through CysLT1 Receptor Signaling. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008, 39, 227-234.	2.9	11
44	Hypoxia Downregulates LPP3 and Promotes the Spatial Segregation of ATX and LPP1 During Cancer Cell Invasion. <i>Cancers</i> , 2019, 11, 1403.	3.7	11
45	Suboptimal extracellular pH values alter DNA damage response to induced double-strand breaks. <i>FEBS Open Bio</i> , 2018, 8, 416-425.	2.3	9
46	Targeting endosomal pH for cancer chemotherapy. <i>Molecular and Cellular Oncology</i> , 2018, 5, e1435184.	0.7	7
47	14-3-3 β Promotes Invadosome Formation via the FOXO3-Snail Axis in Rheumatoid Arthritis Fibroblast-like Synoviocytes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 123.	4.1	5
48	Dissecting Oncogenic RTK Pathways in Colorectal Cancer Initiation and Progression. <i>Methods in Molecular Biology</i> , 2018, 1765, 27-42.	0.9	4
49	Hypoxia Selectively Increases a SMAD3 Signaling Axis to Promote Cancer Cell Invasion. <i>Cancers</i> , 2022, 14, 2751.	3.7	2
50	Human Lung Tissue Implanted on the Chick Chorioallantoic Membrane as a Novel In Vivo Model of IPF. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 0, , .	2.9	0