

Francois Houle

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12143243/publications.pdf>

Version: 2024-02-01

26
papers

3,826
citations

236925

25
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

4723
citing authors

#	ARTICLE	IF	CITATIONS
1	p38 MAP kinase activation by vascular endothelial growth factor mediates actin reorganization and cell migration in human endothelial cells. <i>Oncogene</i> , 1997, 15, 2169-2177.	5.9	775
2	Oxidative Stress-Induced Actin Reorganization Mediated by the p38 Mitogen-Activated Protein Kinase/Heat Shock Protein 27 Pathway in Vascular Endothelial Cells. <i>Circulation Research</i> , 1997, 80, 383-392.	4.5	516
3	SAPK2/p38-dependent F-Actin Reorganization Regulates Early Membrane Blebbing during Stress-induced Apoptosis. <i>Journal of Cell Biology</i> , 1998, 143, 1361-1373.	5.2	275
4	Vascular Endothelial Growth Factor (VEGF)-driven Actin-based Motility Is Mediated by VEGFR2 and Requires Concerted Activation of Stress-activated Protein Kinase 2 (SAPK2/p38) and Geldanamycin-sensitive Phosphorylation of Focal Adhesion Kinase. <i>Journal of Biological Chemistry</i> , 2000, 275, 10661-10672.	3.4	273
5	IL-17 Promotes p38 MAPK-Dependent Endothelial Activation Enhancing Neutrophil Recruitment to Sites of Inflammation. <i>Journal of Immunology</i> , 2010, 184, 4531-4537.	0.8	229
6	Characterization of 45-kDa/54-kDa HSP27 Kinase, a Stress-Sensitive Kinase Which may Activate the Phosphorylation-Dependent Protective Function of Mammalian 27-kDa Heat-shock Protein HSP27. <i>FEBS Journal</i> , 1995, 227, 416-427.	0.2	183
7	Phosphorylation of tyrosine 1214 on VEGFR2 is required for VEGF-induced activation of Cdc42 upstream of SAPK2/p38. <i>Oncogene</i> , 2004, 23, 434-445.	5.9	183
8	Phosphorylation of Tyr1214 within VEGFR-2 Triggers the Recruitment of Nck and Activation of Fyn Leading to SAPK2/p38 Activation and Endothelial Cell Migration in Response to VEGF. <i>Journal of Biological Chemistry</i> , 2006, 281, 34009-34020.	3.4	134
9	Regulation of Vascular Endothelial Growth Factor Receptor 2-mediated Phosphorylation of Focal Adhesion Kinase by Heat Shock Protein 90 and Src Kinase Activities. <i>Journal of Biological Chemistry</i> , 2004, 279, 39175-39185.	3.4	132
10	Integrating the VEGF Signals Leading to Actin-Based Motility in Vascular Endothelial Cells. <i>Trends in Cardiovascular Medicine</i> , 2000, 10, 321-327.	4.9	116
11	Integrin $\alpha_3\beta_1$ requirement for VEGFR2-mediated activation of SAPK2/p38 and for Hsp90-dependent phosphorylation of focal adhesion kinase in endothelial cells activated by VEGF. <i>Cell Stress and Chaperones</i> , 2003, 8, 37.	2.9	107
12	Extracellular Signal-regulated Kinase Mediates Phosphorylation of Tropomyosin-1 to Promote Cytoskeleton Remodeling in Response to Oxidative Stress: Impact on Membrane Blebbing. <i>Molecular Biology of the Cell</i> , 2003, 14, 1418-1432.	2.1	103
13	p38 MAP kinase pathway regulates angiotensin II-induced contraction of rat vascular smooth muscle. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000, 279, H741-H751.	3.2	96
14	Death Receptor-3, a New E-Selectin Counter-Receptor that Confers Migration and Survival Advantages to Colon Carcinoma Cells by Triggering p38 and ERK MAPK Activation. <i>Cancer Research</i> , 2006, 66, 9117-9124.	0.9	96
15	Transendothelial Migration of Colon Carcinoma Cells Requires Expression of E-selectin by Endothelial Cells and Activation of Stress-activated Protein Kinase-2 (SAPK2/p38) in the Tumor Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 33762-33772.	3.4	93
16	DAP kinase mediates the phosphorylation of tropomyosin-1 downstream of the ERK pathway, which regulates the formation of stress fibers in response to oxidative stress. <i>Journal of Cell Science</i> , 2007, 120, 3666-3677.	2.0	80
17	Annexin-1-mediated Endothelial Cell Migration and Angiogenesis Are Regulated by Vascular Endothelial Growth Factor (VEGF)-induced Inhibition of miR-196a Expression. <i>Journal of Biological Chemistry</i> , 2012, 287, 30541-30551.	3.4	66
18	Regulation of the Metastatic Process by E-Selectin and Stress-Activated Protein Kinase-2/p38. <i>Annals of the New York Academy of Sciences</i> , 2002, 973, 562-572.	3.8	57

#	ARTICLE	IF	CITATIONS
19	Adhesion of HT-29 colon carcinoma cells to endothelial cells requires sequential events involving E-selectin and integrin α 4. <i>Clinical and Experimental Metastasis</i> , 2004, 21, 257-265.	3.3	53
20	Phosphorylation of Focal Adhesion Kinase (FAK) on Ser732 Is Induced by Rho-dependent Kinase and Is Essential for Proline-rich Tyrosine Kinase-2 α -mediated Phosphorylation of FAK on Tyr407 in Response to Vascular Endothelial Growth Factor. <i>Molecular Biology of the Cell</i> , 2006, 17, 3508-3520.	2.1	52
21	miR-20a represses endothelial cell migration by targeting MKK3 and inhibiting p38 MAP kinase activation in response to VEGF. <i>Angiogenesis</i> , 2012, 15, 593-608.	7.2	51
22	Dysregulation of the endothelial cellular response to oxidative stress in cancer. <i>Molecular Carcinogenesis</i> , 2006, 45, 362-367.	2.7	43
23	Regulation of Vascular Endothelial Growth Factor-induced Endothelial Cell Migration by LIM Kinase 1-mediated Phosphorylation of Annexin 1. <i>Journal of Biological Chemistry</i> , 2010, 285, 8013-8021.	3.4	36
24	Survival advantages conferred to colon cancer cells by E-selectin-induced activation of the PI3K-NF κ B survival axis downstream of Death receptor-3. <i>BMC Cancer</i> , 2011, 11, 285.	2.6	33
25	Regulation of endothelial permeability and transendothelial migration of cancer cells by tropomyosin-1 phosphorylation. <i>Vascular Cell</i> , 2012, 4, 18.	0.2	26
26	Localized translation regulates cell adhesion and transendothelial migration. <i>Journal of Cell Science</i> , 2016, 129, 4105-4117.	2.0	18