Jacques Huot

List of Publications by Year in descending order

46 papers	6,327 citations	126907 33 h-index	254184 43 g-index
46 all docs	46 docs citations	46 times ranked	8906 citing authors

#	Article	IF	Citations
1	Endothelial Cell Migration During Angiogenesis. Circulation Research, 2007, 100, 782-794.	4.5	1,193
2	p38 MAP kinase activation by vascular endothelial growth factor mediates actin reorganization and cell migration in human endothelial cells. Oncogene, 1997, 15, 2169-2177.	5.9	775
3	Oxidative Stress-Induced Actin Reorganization Mediated by the p38 Mitogen-Activated Protein Kinase/Heat Shock Protein 27 Pathway in Vascular Endothelial Cells. Circulation Research, 1997, 80, 383-392.	4.5	516
4	SAPK2/p38-dependent F-Actin Reorganization Regulates Early Membrane Blebbing during Stress-induced Apoptosis. Journal of Cell Biology, 1998, 143, 1361-1373.	5.2	275
5	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. Journal of Biological Chemistry, 2000, 275, 10661-10672.	3.4	273
6	Modulation of actin dynamics during stress and physiological stimulation by a signaling pathway involving p38 MAP kinase and heat-shock protein 27. Biochemistry and Cell Biology, 1995, 73, 703-707.	2.0	238
7	IL-17 Promotes p38 MAPK-Dependent Endothelial Activation Enhancing Neutrophil Recruitment to Sites of Inflammation. Journal of Immunology, 2010, 184, 4531-4537.	0.8	229
8	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. FEBS Journal, 1995, 227, 416-427.	0.2	183
9	Phosphorylation of tyrosine 1214 on VEGFR2 is required for VEGF-induced activation of Cdc42 upstream of SAPK2/p38. Oncogene, 2004, 23, 434-445.	5.9	183
10	Role of Cancer Microenvironment in Metastasis: Focus on Colon Cancer. Cancer Microenvironment, 2008, 1, 69-83.	3.1	159
11	Endothelial microRNAs regulating the NFâ€ºB pathway and cell adhesion molecules during inflammation. FASEB Journal, 2018, 32, 4070-4084.	0.5	150
12	The p38 pathway, a major pleiotropic cascade that transduces stress and metastatic signals in endothelial cells. Oncotarget, 2017, 8, 55684-55714.	1.8	141
13	Src-mediated Phosphorylation of Hsp90 in Response to Vascular Endothelial Growth Factor (VEGF) Is Required for VEGF Receptor-2 Signaling to Endothelial NO Synthase. Molecular Biology of the Cell, 2007, 18, 4659-4668.	2.1	137
14	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. Journal of Biological Chemistry, 2006, 281, 34009-34020.	3.4	134
15	Regulation of Vascular Endothelial Growth Factor Receptor 2-mediated Phosphorylation of Focal Adhesion Kinase by Heat Shock Protein 90 and Src Kinase Activities. Journal of Biological Chemistry, 2004, 279, 39175-39185.	3.4	132
16	UVB-mediated activation of p38 mitogen-activated protein kinase enhances resistance of normal human keratinocytes to apoptosis by stabilizing cytoplasmic p53. Biochemical Journal, 2002, 365, 133-145.	3.7	119
17	Selectins and selectin ligands in extravasation of cancer cells and organ selectivity of metastasis. Clinical and Experimental Metastasis, 2008, 25, 335-344.	3.3	118
18	Integrating the VEGF Signals Leading to Actin-Based Motility in Vascular Endothelial Cells. Trends in Cardiovascular Medicine, 2000, 10, 321-327.	4.9	116

#	Article	IF	Citations
19	Integrin Î±vÎ²3 requirement for VEGFR2-mediated activation of SAPK2/p38 and for Hsp90-dependent phosphorylation of focal adhesion kinase in endothelial cells activated by VEGF. Cell Stress and Chaperones, 2003, 8, 37.	2.9	107
20	Involvement of p38 in Apoptosis-associated Membrane Blebbing and Nuclear Condensation. Molecular Biology of the Cell, 2001, 12, 1569-1582.	2.1	103
21	Extracellular Signal-regulated Kinase Mediates Phosphorylation of Tropomyosin-1 to Promote Cytoskeleton Remodeling in Response to Oxidative Stress: Impact on Membrane Blebbing. Molecular Biology of the Cell, 2003, 14, 1418-1432.	2.1	103
22	p38 MAP kinase pathway regulates angiotensin II-induced contraction of rat vascular smooth muscle. American Journal of Physiology - Heart and Circulatory Physiology, 2000, 279, H741-H751.	3.2	96
23	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. Cancer Research, 2006, 66, 9117-9124.	0.9	96
24	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. Journal of Biological Chemistry, 2001, 276, 33762-33772.	3.4	93
25	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. Journal of Cell Science, 2007, 120, 3666-3677.	2.0	80
26	Annexin-1-mediated Endothelial Cell Migration and Angiogenesis Are Regulated by Vascular Endothelial Growth Factor (VEGF)-induced Inhibition of miR-196a Expression. Journal of Biological Chemistry, 2012, 287, 30541-30551.	3.4	66
27	Regulation of the Metastatic Process by Eâ€Selectin and Stressâ€Activated Protein Kinaseâ€2/p38. Annals of the New York Academy of Sciences, 2002, 973, 562-572.	3.8	57
28	Phosphorylation of Focal Adhesion Kinase (FAK) on Ser732 Is Induced by Rho-dependent Kinase and Is Essential for Proline-rich Tyrosine Kinase-2â€“mediated Phosphorylation of FAK on Tyr407 in Response to Vascular Endothelial Growth Factor. Molecular Biology of the Cell, 2006, 17, 3508-3520.	2.1	52
29	miR-20a represses endothelial cell migration by targeting MKK3 and inhibiting p38 MAP kinase activation in response to VEGF. Angiogenesis, 2012, 15, 593-608.	7.2	51
30	Survival and Proliferation of Cells Expressing Caspase-uncleavable Poly(ADP-ribose) Polymerase in Response to Death-inducing DNA Damage by an Alkylating Agent. Journal of Biological Chemistry, 1999, 274, 37097-37104.	3.4	43
31	Dysregulation of the endothelial cellular response to oxidative stress in cancer. Molecular Carcinogenesis, 2006, 45, 362-367.	2.7	43
32	Ephrin signaling in axon guidance. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2004, 28, 813-818.	4.8	38
33	Regulation of Vascular Endothelial Growth Factor-induced Endothelial Cell Migration by LIM Kinase 1-mediated Phosphorylation of Annexin 1. Journal of Biological Chemistry, 2010, 285, 8013-8021.	3.4	36
34	Microtubule-Destabilizing Agents Induce Focal Adhesion Structure Disorganization and Anoikis in Cancer Cells. Journal of Pharmacology and Experimental Therapeutics, 2007, 320, 853-864.	2.5	33
35	Survival advantages conferred to colon cancer cells by E-selectin-induced activation of the PI3K-NFÎºB survival axis downstream of Death receptor-3. BMC Cancer, 2011, 11, 285.	2.6	33
36	Regulation of endothelial permeability and transendothelial migration of cancer cells by tropomyosin-1 phosphorylation. Vascular Cell, 2012, 4, 18.	0.2	26

#	Article	IF	Citations
37	p38 activation induces production of miR-146a and miR-31 to repress E-selectin expression and inhibit transendothelial migration of colon cancer cells. Scientific Reports, 2018, 8, 2334.	3.3	24
38	p38 and JNK pathways control E-selectin-dependent extravasation of colon cancer cells by modulating miR-31 transcription. Oncotarget, 2017, 8, 1678-1687.	1.8	24
39	Oxidative stress disassembles the p38/NPM/PP2A complex, which leads to modulation of nucleophosminâ€mediated signaling to DNA damage response. FASEB Journal, 2016, 30, 2899-2914.	0.5	20
40	A Short Lived Protein Involved in the Heat Shock Sensing Mechanism Responsible for Stress-activated Protein Kinase 2 (SAPK2/p38) Activation. Journal of Biological Chemistry, 1999, 274, 37591-37597.	3.4	15
41	Recent Advances in Colorectal Cancer Research: The Microenvironment Impact. Cancer Microenvironment, 2011, 4, 127-131.	3.1	13
42	The Metastatic Process: An Overview. Cancer Metastasis - Biology and Treatment, 2010, , 1-31.	0.1	2
43	Signal Transduction in Tumor-Endothelial Cell Communication. Cancer Metastasis - Biology and Treatment, 2011, , 187-212.	0.1	1
44	E-Selectin-Mediated Adhesion and Extravasation in Cancer. , 2014, , 1618-1624.		1
45	In-Vitro and Ex-Vivo Investigations of the Microtubule Binding Drug Targetin on Angiogenesis. Journal of Pediatric Oncology, 2013, 1, 41-47.	0.1	0
46	E-Selectin-Mediated Adhesion and Extravasation in Cancer. , 2014, , 1-7.		0