

Jacques Landry

List of Publications by Year in descending order

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46
papers

10,702
citations

136950

32
h-index

254184

43
g-index

46
all docs

46
docs citations

46
times ranked

16837
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
2	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. <i>Autophagy</i> , 2008, 4, 151-175.	9.1	2,064
3	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
4	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
5	Inhibition of Daxx-Mediated Apoptosis by Heat Shock Protein 27. <i>Molecular and Cellular Biology</i> , 2000, 20, 7602-7612.	2.3	391
6	HspB8 Chaperone Activity toward Poly(Q)-containing Proteins Depends on Its Association with Bag3, a Stimulator of Macroautophagy. <i>Journal of Biological Chemistry</i> , 2008, 283, 1437-1444.	3.4	306
7	HSP27 Multimerization Mediated by Phosphorylation-sensitive Intermolecular Interactions at the Amino Terminus. <i>Journal of Biological Chemistry</i> , 1999, 274, 9378-9385.	3.4	294
8	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
9	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
10	Modulation of actin dynamics during stress and physiological stimulation by a signaling pathway involving p38 MAP kinase and heat-shock protein 27. <i>Biochemistry and Cell Biology</i> , 1995, 73, 703-707.	2.0	238
11	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
12	Identification of the key structural motifs involved in HspB8/HspB6/Bag3 interaction. <i>Biochemical Journal</i> , 2010, 425, 245-257.	3.7	161
13	Expression of Heat Shock Proteins in Mouse Skin During Wound Healing. <i>Journal of Histochemistry and Cytochemistry</i> , 1998, 46, 1291-1301.	2.5	159
14	HspB8, a small heat shock protein mutated in human neuromuscular disorders, has in vivo chaperone activity in cultured cells. <i>Human Molecular Genetics</i> , 2005, 14, 1659-1669.	2.9	159
15	Activation of the p38 Signaling Pathway by Heat Shock Involves the Dissociation of Glutathione S-Transferase Mu from Ask1. <i>Journal of Biological Chemistry</i> , 2002, 277, 30792-30797.	3.4	158
16	Stress Response Protein (srp-27) Determination in Primary Human Breast Carcinomas: Clinical, Histologic, and Prognostic Correlations. <i>Journal of the National Cancer Institute</i> , 1991, 83, 170-178.	6.3	150
17	Distinct chaperone mechanisms can delay the formation of aggregates by the myopathy-causing R120G β -crystallin mutant. <i>Human Molecular Genetics</i> , 2003, 12, 1609-1620.	2.9	133
18	The Interaction of HSP27 with Daxx Identifies a Potential Regulatory Role of HSP27 in Fas-induced Apoptosis. <i>Annals of the New York Academy of Sciences</i> , 2000, 926, 126-131.	3.8	125

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19	HspB8 Participates in Protein Quality Control by a Non-chaperone-like Mechanism That Requires eIF2 α Phosphorylation. <i>Journal of Biological Chemistry</i> , 2009, 284, 5523-5532.	3.4	109
20	Involvement of p38 in Apoptosis-associated Membrane Blebbing and Nuclear Condensation. <i>Molecular Biology of the Cell</i> , 2001, 12, 1569-1582.	2.1	103
21	Essential Role of the NH2-terminal WD/EPF Motif in the Phosphorylation-activated Protective Function of Mammalian Hsp27. <i>Journal of Biological Chemistry</i> , 2004, 279, 23463-23471.	3.4	101
22	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
23	Activation of the mitogen-activated protein kinase pathways by heat shock. <i>Cell Stress and Chaperones</i> , 2002, 7, 200.	2.9	86
24	Anthrax lethal toxin paralyzes actin-based motility by blocking Hsp27 phosphorylation. <i>EMBO Journal</i> , 2007, 26, 2240-2250.	7.8	81
25	Differentiation state-selective roles of p38 isoforms in human intestinal epithelial cell anoikis. <i>Gastroenterology</i> , 2002, 123, 1980-1991.	1.3	62
26	A Kinase-independent Function of Ask1 in Caspase-independent Cell Death. <i>Journal of Biological Chemistry</i> , 2001, 276, 36071-36074.	3.4	53
27	Mechanisms of Activation and Regulation of the Heat Shock-Sensitive Signaling Pathways. , 2007, 594, 100-113.		49
28	A Role for the Chaperone Complex BAG3-HSPB8 in Actin Dynamics, Spindle Orientation and Proper Chromosome Segregation during Mitosis. <i>PLoS Genetics</i> , 2015, 11, e1005582.	3.5	49
29	HSPB8 and BAG3 cooperate to promote spatial sequestration of ubiquitinated proteins and coordinate the cellular adaptive response to proteasome insufficiency. <i>FASEB Journal</i> , 2018, 32, 3518-3535.	0.5	47
30	WW Domain of BAG3 Is Required for the Induction of Autophagy in Glioma Cells. <i>Journal of Cellular Physiology</i> , 2015, 230, 831-841.	4.1	45
31	p38-dependent Enhancement of Cytokine-induced Nitric-oxide Synthase Gene Expression by Heat Shock Protein 70. <i>Journal of Biological Chemistry</i> , 2000, 275, 18172-18179.	3.4	43
32	Protein quantification by chemiluminescent Western blotting: Elimination of the antibody factor by dilution series and calibration curve. <i>Journal of Immunological Methods</i> , 2010, 353, 148-150.	1.4	36
33	Fine-tuning of actin dynamics by the HSPB8-BAG3 chaperone complex facilitates cytokinesis and contributes to its impact on cell division. <i>Cell Stress and Chaperones</i> , 2017, 22, 553-567.	2.9	34
34	c-Myc potentiates the mitochondrial pathway of apoptosis by acting upstream of apoptosis signal-regulating kinase 1 (Ask1) in the p38 signalling cascade. <i>Biochemical Journal</i> , 2003, 372, 631-641.	3.7	32
35	Abnormal interaction of motor neuropathy-associated mutant HspB8 (Hsp22) forms with the RNA helicase Ddx20 (gemin3). <i>Cell Stress and Chaperones</i> , 2010, 15, 567-582.	2.9	32
36	Stress protection by a fluorescent Hsp27 chimera that is independent of nuclear translocation or multimeric dissociation. <i>Cell Stress and Chaperones</i> , 2002, 7, 281.	2.9	30

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37	The R1 subunit of herpes simplex virus ribonucleotide reductase has chaperone-like activity similar to Hsp27. <i>FEBS Letters</i> , 2003, 545, 213-218.	2.8	30
38	The mechanism whereby heat shock induces apoptosis depends on the innate sensitivity of cells to stress. <i>Cell Stress and Chaperones</i> , 2010, 15, 101-113.	2.9	26
39	Cloning and characterization of hGMEB1, a novel glucocorticoid modulatory element binding protein. <i>FEBS Letters</i> , 1999, 452, 170-176.	2.8	25
40	Structural instability caused by a mutation at a conserved arginine in the α -crystallin domain of Chinese hamster heat shock protein 27. <i>Cell Stress and Chaperones</i> , 2005, 10, 157.	2.9	16
41	A Short Lived Protein Involved in the Heat Shock Sensing Mechanism Responsible for Stress-activated Protein Kinase 2 (SAPK2/p38) Activation. <i>Journal of Biological Chemistry</i> , 1999, 274, 37591-37597.	3.4	15
42	HSPB8 and the Cochaperone BAG3 Are Highly Expressed During the Synthetic Phase of Rat Myometrium Programming During Pregnancy. <i>Biology of Reproduction</i> , 2015, 92, 131.	2.7	10
43	Regulation of Actin-Based Structure Dynamics by HspB Proteins and Partners. <i>Heat Shock Proteins</i> , 2015, , 435-456.	0.2	5
44	Adenofection: A Method for Studying the Role of Molecular Chaperones in Cellular Morphodynamics by Depletion-Rescue Experiments. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	5
45	Hspb1. <i>The AFCS-nature Molecule Pages</i> , 0, , .	0.2	0
46	Role of HspB1 and HspB8 in Hereditary Peripheral Neuropathies: Beyond the Chaperone Function. , 2008, , 139-155.		0