

Jacques Landry

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

45
papers

9,610
citations

32
h-index

46
g-index

46
ext. papers

10,068
ext. citations

5.2
avg. IF

5.04
L-index

#	Paper	IF	Citations
45	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544	14.2	2783
44	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. <i>Autophagy</i> , 2008 , 4, 151-75	10.2	1920
43	p38 MAP kinase activation by vascular endothelial growth factor mediates actin reorganization and cell migration in human endothelial cells. <i>Oncogene</i> , 1997 , 15, 2169-77	9.2	711
42	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, 383-92	15.7	452
41	Inhibition of Daxx-mediated apoptosis by heat shock protein 27. <i>Molecular and Cellular Biology</i> , 2000 , 20, 7602-12	4.8	363
40	SAPK2/p38-dependent F-actin reorganization regulates early membrane blebbing during stress-induced apoptosis. <i>Journal of Cell Biology</i> , 1998 , 143, 1361-73	7.3	257
39	HSP27 multimerization mediated by phosphorylation-sensitive intermolecular interactions at the amino terminus. <i>Journal of Biological Chemistry</i> , 1999 , 274, 9378-85	5.4	253
38	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	5.4	249
37	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, 10111-7	5.4	241
36	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, 703-7	3.6	228
35	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, 416-27		161
34	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, 1659-69	5.6	148
33	Expression of heat shock proteins in mouse skin during wound healing. <i>Journal of Histochemistry and Cytochemistry</i> , 1998 , 46, 1291-301	3.4	140
32	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, 170-8	9.7	139
31	Identification of the key structural motifs involved in HspB8/HspB6-Bag3 interaction. <i>Biochemical Journal</i> , 2009 , 425, 245-55	3.8	135
30	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, 30792-7	5.4	129
29	Distinct chaperone mechanisms can delay the formation of aggresomes by the myopathy-causing R120G alphaB-crystallin mutant. <i>Human Molecular Genetics</i> , 2003 , 12, 1609-20	5.6	112

28	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, 126-31	6.5	107
27	HspB8 participates in protein quality control by a non-chaperone-like mechanism that requires eIF2{alpha} phosphorylation. <i>Journal of Biological Chemistry</i> , 2009 , 284, 5523-32	5.4	97
26	Involvement of p38 in apoptosis-associated membrane blebbing and nuclear condensation. <i>Molecular Biology of the Cell</i> , 2001 , 12, 1569-82	3.5	97
25	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, H741-51	5.2	93
24	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, 23463-71	5.4	89
23	Activation of the mitogen-activated protein kinase pathways by heat shock. <i>Cell Stress and Chaperones</i> , 2002 , 7, 200-6	4	74
22	Anthrax lethal toxin paralyzes actin-based motility by blocking Hsp27 phosphorylation. <i>EMBO Journal</i> , 2007 , 26, 2240-50	13	73
21	Differentiation state-selective roles of p38 isoforms in human intestinal epithelial cell anoikis. <i>Gastroenterology</i> , 2002 , 123, 1980-91	13.3	59
20	A kinase-independent function of Ask1 in caspase-independent cell death. <i>Journal of Biological Chemistry</i> , 2001 , 276, 36071-4	5.4	51
19	Mechanisms of activation and regulation of the heat shock-sensitive signaling pathways. <i>Advances in Experimental Medicine and Biology</i> , 2007 , 594, 100-13	3.6	45
18	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	6	41
17	p38-dependent enhancement of cytokine-induced nitric-oxide synthase gene expression by heat shock protein 70. <i>Journal of Biological Chemistry</i> , 2000 , 275, 18172-9	5.4	40
16	WW domain of BAG3 is required for the induction of autophagy in glioma cells. <i>Journal of Cellular Physiology</i> , 2015 , 230, 831-41	7	35
15	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, 3518-3533	9.9	35
14	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, 148-50	2.5	32
13	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, 631-41	3.8	30
12	Stress protection by a fluorescent Hsp27 chimera that is independent of nuclear translocation or multimeric dissociation. <i>Cell Stress and Chaperones</i> , 2002 , 7, 281-96	4	29
11	The R1 subunit of herpes simplex virus ribonucleotide reductase has chaperone-like activity similar to Hsp27. <i>FEBS Letters</i> , 2003 , 545, 213-8	3.8	28

10	Abnormal interaction of motor neuropathy-associated mutant HspB8 (Hsp22) forms with the RNA helicase Ddx20 (gemin3). <i>Cell Stress and Chaperones</i> , 2010 , 15, 567-82	4	27
9	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	4	24
8	Cloning and characterization of hGMEB1, a novel glucocorticoid modulatory element binding protein. <i>FEBS Letters</i> , 1999 , 452, 170-6	3.8	22
7	The mechanism whereby heat shock induces apoptosis depends on the innate sensitivity of cells to stress. <i>Cell Stress and Chaperones</i> , 2010 , 15, 101-13	4	19
6	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, 37591-7	5.4	13
5	Structural instability caused by a mutation at a conserved arginine in the alpha-crystallin domain of Chinese hamster heat shock protein 27. <i>Cell Stress and Chaperones</i> , 2005 , 10, 157-66	4	13
4	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	3.9	9
3	Regulation of Actin-Based Structure Dynamics by HspB Proteins and Partners. <i>Heat Shock Proteins</i> , 2015 , 435-456	0.2	4
2	Adenofection: A Method for Studying the Role of Molecular Chaperones in Cellular Morphodynamics by Depletion-Rescue Experiments. <i>Journal of Visualized Experiments</i> , 2016 ,	1.6	3
1	Role of HspB1 and HspB8 in Hereditary Peripheral Neuropathies: Beyond the Chaperone Function 2008 , 139-155		