

Sophie Janssens

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

4,102
citations

126907

33
h-index

128289

60
g-index

64
all docs

64
docs citations

64
times ranked

7783
citing authors

#	ARTICLE	IF	CITATIONS
1	Stimulation of Toll-like receptor 3 and 4 induces interleukin-1 β maturation by caspase-8. <i>Journal of Experimental Medicine</i> , 2008, 205, 1967-1973.	8.5	278
2	The unfolded-protein-response sensor IRE-1 α regulates the function of CD8 α ⁺ dendritic cells. <i>Nature Immunology</i> , 2014, 15, 248-257.	14.5	223
3	The Ubiquitin-Editing Protein A20 Prevents Dendritic Cell Activation, Recognition of Apoptotic Cells, and Systemic Autoimmunity. <i>Immunity</i> , 2011, 35, 82-96.	14.3	222
4	Emerging functions of the unfolded protein response in immunity. <i>Nature Immunology</i> , 2014, 15, 910-919.	14.5	213
5	Mitochondrial Priming by CD28. <i>Cell</i> , 2017, 171, 385-397.e11.	28.9	212
6	Mitochondria-associated membranes as hubs for neurodegeneration. <i>Acta Neuropathologica</i> , 2016, 131, 505-523.	7.7	172
7	Autoproteolysis of PIDD marks the bifurcation between pro-death caspase-2 and pro-survival NF- κ B pathway. <i>EMBO Journal</i> , 2007, 26, 197-208.	7.8	148
8	Profiling peripheral nerve macrophages reveals two macrophage subsets with distinct localization, transcriptome and response to injury. <i>Nature Neuroscience</i> , 2020, 23, 676-689.	14.8	148
9	Acute injury in the peripheral nervous system triggers an alternative macrophage response. <i>Journal of Neuroinflammation</i> , 2012, 9, 176.	7.2	134
10	The paradox of the unfolded protein response in cancer. <i>Anticancer Research</i> , 2013, 33, 4683-94.	1.1	132
11	Toll-like receptor expression in the peripheral nerve. <i>Glia</i> , 2010, 58, 1701-1709.	4.9	121
12	Intracellular Trafficking of Interleukin-1 Receptor I Requires Tollip. <i>Current Biology</i> , 2006, 16, 2265-2270.	3.9	120
13	Metabolic and Innate Immune Cues Merge into a Specific Inflammatory Response via the UPR. <i>Cell</i> , 2019, 177, 1201-1216.e19.	28.9	100
14	The neuroinflammatory role of Schwann cells in disease. <i>Neurobiology of Disease</i> , 2013, 55, 95-103.	4.4	97
15	ER-Mitochondria contact sites: A new regulator of cellular calcium flux comes into play. <i>Journal of Cell Biology</i> , 2016, 214, 367-370.	5.2	97
16	Pellino proteins are more than scaffold proteins in TLR/IL-1R signalling: A role as novel RING E3-ubiquitin-ligases. <i>FEBS Letters</i> , 2006, 580, 4697-4702.	2.8	96
17	Increased Monomerization of Mutant HSPB1 Leads to Protein Hyperactivity in Charcot-Marie-Tooth Neuropathy. <i>Journal of Biological Chemistry</i> , 2010, 285, 12778-12786.	3.4	95
18	Small Heat-Shock Protein HSPB1 Mutants Stabilize Microtubules in Charcot-Marie-Tooth Neuropathy. <i>Journal of Neuroscience</i> , 2011, 31, 15320-15328.	3.6	95

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19	Regulated IRE1-dependent mRNA decay sets the threshold for dendritic cell survival. <i>Nature Cell Biology</i> , 2017, 19, 698-710.	10.3	93
20	Pellino Proteins: Novel Players in TLR and IL-1R Signalling. <i>Journal of Cellular and Molecular Medicine</i> , 2007, 11, 453-461.	3.6	87
21	Mutant HSPB8 causes motor neuron-specific neurite degeneration. <i>Human Molecular Genetics</i> , 2010, 19, 3254-3265.	2.9	83
22	Transitional B cells commit to marginal zone B cell fate by TLR3-mediated surface expression of ADAM10. <i>Nature Immunology</i> , 2017, 18, 313-320.	14.5	71
23	The UPR and lung disease. <i>Seminars in Immunopathology</i> , 2013, 35, 293-306.	6.1	58
24	Modulation of the unfolded protein response impedes tumor cell adaptation to proteotoxic stress: a PERK for hepatocellular carcinoma therapy. <i>Hepatology International</i> , 2015, 9, 93-104.	4.2	58
25	Ubiquitin: tool and target for intracellular NF- κ B inhibitors. <i>Trends in Immunology</i> , 2006, 27, 533-540.	6.8	57
26	TIM3+ TRBV11-2 T cells and IFN γ signature in patrolling monocytes and CD16+ NK cells delineate MIS-C. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	57
27	Type III collagen affects dermal and vascular collagen fibrillogenesis and tissue integrity in a mutant Col3a1 transgenic mouse model. <i>Matrix Biology</i> , 2018, 70, 72-83.	3.6	48
28	Genetic variant in the HSPB1 promoter region impairs the HSP27 stress response. <i>Human Mutation</i> , 2007, 28, 830-830.	2.5	47
29	Two distinct ubiquitin-binding motifs in A20 mediate its anti-inflammatory and cell-protective activities. <i>Nature Immunology</i> , 2020, 21, 381-387.	14.5	47
30	Nlrp6 promotes recovery after peripheral nerve injury independently of inflammasomes. <i>Journal of Neuroinflammation</i> , 2015, 12, 143.	7.2	42
31	Therapeutic effects of artesunate in hepatocellular carcinoma. <i>European Journal of Gastroenterology and Hepatology</i> , 2014, 26, 861-870.	1.6	39
32	The ORMDL3 asthma susceptibility gene regulates systemic ceramide levels without altering key asthma features in mice. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 1648-1659.e9.	2.9	35
33	HSPB1 facilitates ERK-mediated phosphorylation and degradation of BIM to attenuate endoplasmic reticulum stress-induced apoptosis. <i>Cell Death and Disease</i> , 2017, 8, e3026-e3026.	6.3	33
34	Microtubule dynamics in the peripheral nervous system. <i>Bioarchitecture</i> , 2011, 1, 267-270.	1.5	32
35	Haematopoietic prolyl hydroxylase deficiency promotes M2 macrophage polarization and is both necessary and sufficient to protect against experimental colitis. <i>Journal of Pathology</i> , 2017, 241, 547-558.	4.5	32
36	Emerging Role of the Unfolded Protein Response in Tumor Immunosurveillance. <i>Trends in Cancer</i> , 2017, 3, 491-505.	7.4	32

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37	Antigen presentation unfolded: identifying convergence points between the UPR and antigen presentation pathways. <i>Current Opinion in Immunology</i> , 2018, 52, 100-107.	5.5	31
38	Sensory neuropathy-causing mutations in ATL3 affect ER-mitochondria contact sites and impair axonal mitochondrial distribution. <i>Human Molecular Genetics</i> , 2019, 28, 615-627.	2.9	31
39	IRE1 ² negatively regulates IRE1 ¹ signaling in response to endoplasmic reticulum stress. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	31
40	Sensory-Neuropathy-Causing Mutations in ATL3 Cause Aberrant ER Membrane Tethering. <i>Cell Reports</i> , 2018, 23, 2026-2038.	6.4	29
41	ORMDL3 expression levels have no influence on the activity of serine palmitoyltransferase. <i>FASEB Journal</i> , 2016, 30, 4289-4300.	0.5	27
42	Molecular Evaluation of Endoplasmic Reticulum Homeostasis Meets Humoral Immunity. <i>Trends in Cell Biology</i> , 2021, 31, 529-541.	7.9	23
43	ER stress in antigen-presenting cells promotes NKT cell activation through endogenous neutral lipids. <i>EMBO Reports</i> , 2020, 21, e48927.	4.5	21
44	Evolution and function of the epithelial cell-specific ER stress sensor IRE1 ² . <i>Mucosal Immunology</i> , 2021, 14, 1235-1246.	6.0	19
45	The ubiquitin-editing enzyme A20 controls NK cell homeostasis through regulation of mTOR activity and TNF. <i>Journal of Experimental Medicine</i> , 2019, 216, 2010-2023.	8.5	15
46	TAOK3 is a MAP3K contributing to osteoblast differentiation and skeletal mineralization. <i>Biochemical and Biophysical Research Communications</i> , 2020, 531, 497-502.	2.1	15
47	Uric acid is released in the brain during seizure activity and increases severity of seizures in a mouse model for acute limbic seizures. <i>Experimental Neurology</i> , 2016, 277, 244-251.	4.1	14
48	Stabilization of cytokine mRNAs in iNKT cells requires the serine-threonine kinase IRE1alpha. <i>Nature Communications</i> , 2018, 9, 5340.	12.8	14
49	A20 deficiency in myeloid cells protects mice from diet-induced obesity and insulin resistance due to increased fatty acid metabolism. <i>Cell Reports</i> , 2021, 36, 109748.	6.4	14
50	HSPB1 Facilitates the Formation of Non-Centrosomal Microtubules. <i>PLoS ONE</i> , 2013, 8, e66541.	2.5	14
51	The UPR sensor IRE1 ² promotes dendritic cell responses to control <i>Toxoplasma gondii</i> infection. <i>EMBO Reports</i> , 2021, 22, e49617.	4.5	12
52	Stress-induced inflammation evoked by immunogenic cell death is blunted by the IRE1 ² kinase inhibitor KIRA6 through HSP60 targeting. <i>Cell Death and Differentiation</i> , 2022, 29, 230-245.	11.2	12
53	Characterization of New Transgenic Mouse Models for Two Charcot-Marie-Tooth-Causing HspB1 Mutations using the Rosa26 Locus. <i>Journal of Neuromuscular Diseases</i> , 2016, 3, 183-200.	2.6	9
54	Opposing regulation and roles for PHD3 in lung dendritic cells and alveolar macrophages. <i>Journal of Leukocyte Biology</i> , 2017, 102, 1115-1126.	3.3	7

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55	The STE20 kinase TAOK3 controls the development of house dust mite-induced asthma in mice. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 1413-1427.e2.	2.9	7
56	Isolation of Splenic Dendritic Cells Using Fluorescence-activated Cell Sorting. <i>Bio-protocol</i> , 2015, 5, .	0.4	5
57	The Unfolded Protein Response in the Immune Cell Development: Putting the Caretaker in the Driving Seat. <i>Current Topics in Microbiology and Immunology</i> , 2017, 414, 45-72.	1.1	3
58	IRE1 ² does not affect mucus secretion during allergic asthma development in a house dust mite murine model. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 3546-3549.	5.7	3
59	Epitope mapping and kinetics of CD4 T cell immunity to pneumonia virus of mice in the C57BL/6 strain. <i>Scientific Reports</i> , 2017, 7, 3472.	3.3	2
60	Clarifying the translational potential of B-I09. <i>Nature Chemical Biology</i> , 2020, 16, 1152-1152.	8.0	2