

Benedicte F Py

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/821367/publications.pdf>

Version: 2024-02-01

25
papers

5,890
citations

304602

22
h-index

552653

26
g-index

27
all docs

27
docs citations

27
times ranked

11673
citing authors

#	ARTICLE	IF	CITATIONS
1	Fission and selective fusion govern mitochondrial segregation and elimination by autophagy. EMBO Journal, 2008, 27, 433-446.	3.5	2,587
2	Genome-wide analysis reveals mechanisms modulating autophagy in normal brain aging and in Alzheimer's disease. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14164-14169.	3.3	556
3	Deubiquitination of NLRP3 by BRCC3 Critically Regulates Inflammasome Activity. Molecular Cell, 2013, 49, 331-338.	4.5	552
4	Activation of Necroptosis in Multiple Sclerosis. Cell Reports, 2015, 10, 1836-1849.	2.9	413
5	Roles of Caspases in Necrotic Cell Death. Cell, 2016, 167, 1693-1704.	13.5	234
6	A Genome-Wide siRNA Screen Reveals Multiple mTORC1 Independent Signaling Pathways Regulating Autophagy under Normal Nutritional Conditions. Developmental Cell, 2010, 18, 1041-1052.	3.1	208
7	Autophagy Limits <i>Listeria monocytogenes</i> Intracellular Growth in the Early Phase of Primary Infection. Autophagy, 2007, 3, 117-125.	4.3	206
8	Spotlight on the NLRP3 inflammasome pathway. Journal of Inflammation Research, 2018, Volume 11, 359-374.	1.6	197
9	Human caspase-4 detects tetra-acylated LPS and cytosolic Francisella and functions differently from murine caspase-11. Nature Communications, 2018, 9, 242.	5.8	144
10	Caspase-11 Controls Interleukin-1 β Release through Degradation of TRPC1. Cell Reports, 2014, 6, 1122-1128.	2.9	86
11	Siva-1 and an Alternative Splice Form Lacking the Death Domain, Siva-2, Similarly Induce Apoptosis in T Lymphocytes via a Caspase-Dependent Mitochondrial Pathway. Journal of Immunology, 2004, 172, 4008-4017.	0.4	79
12	Familial Mediterranean fever mutations are hypermorphic mutations that specifically decrease the activation threshold of the Pyrin inflammasome. Rheumatology, 2018, 57, 100-111.	0.9	67
13	The Phospholipid Scramblases 1 and 4 Are Cellular Receptors for the Secretory Leukocyte Protease Inhibitor and Interact with CD4 at the Plasma Membrane. PLoS ONE, 2009, 4, e5006.	1.1	65
14	Electroporation of mice zygotes with dual guide RNA/Cas9 complexes for simple and efficient cloning-free genome editing. Scientific Reports, 2018, 8, 474.	1.6	63
15	Design, Synthesis, and Evaluation of Acrylamide Derivatives as Direct NLRP3 Inflammasome Inhibitors. ChemMedChem, 2016, 11, 1790-1803.	1.6	62
16	Cochlin Produced by Follicular Dendritic Cells Promotes Antibacterial Innate Immunity. Immunity, 2013, 38, 1063-1072.	6.6	57
17	NLRP3 phosphorylation in its LRR domain critically regulates inflammasome assembly. Nature Communications, 2021, 12, 5862.	5.8	52
18	A pharmacoproteomic approach implicates eukaryotic elongation factor 2 kinase in ER stress-induced cell death. Cell Death and Differentiation, 2008, 15, 589-599.	5.0	50

#	ARTICLE	IF	CITATIONS
19	Escherichia coli Rho GTPase-activating toxin CNF1 mediates NLRP3 inflammasome activation via p21-activated kinases-1/2 during bacteraemia in mice. <i>Nature Microbiology</i> , 2021, 6, 401-412.	5.9	46
20	A critical role of eEF-2K in mediating autophagy in response to multiple cellular stresses. <i>Autophagy</i> , 2009, 5, 393-396.	4.3	45
21	IFN- γ extends the immune functions of Guanylate Binding Proteins to inflammasome-independent antibacterial activities during <i>Francisella novicida</i> infection. <i>PLoS Pathogens</i> , 2017, 13, e1006630.	2.1	41
22	Role of Protein Misfolding in DFNA9 Hearing Loss. <i>Journal of Biological Chemistry</i> , 2010, 285, 14909-14919.	1.6	36
23	The Siva protein is a novel intracellular ligand of the CD4 receptor that promotes HIV-1 envelope-induced apoptosis in T-lymphoid cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2007, 12, 1879-1892.	2.2	15
24	Endoplasmic Reticulum Stress Response in Cell Death and Cell Survival. , 0, , 51-62.		3
25	Evidence for Constitutive Microbiota-Dependent Short-Term Control of Food Intake in Mice: Is There a Link with Inflammation, Oxidative Stress, Endotoxemia, and GLP-1?. <i>Antioxidants and Redox Signaling</i> , 2022, 37, 349-369.	2.5	3