Benedicte F Py

List of Publications by Year
in descending order

25	5,890	304602 22	552653 26
papers	citations	h-index	g-index

27	27	27	11673
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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?. Antioxidants and Redox Signaling, 2022, 37, 349-369.	2.5	3
2	Escherichia coli Rho GTPase-activating toxin CNF1 mediates NLRP3 inflammasome activation via p21-activated kinases-1/2 during bacteraemia in mice. Nature Microbiology, 2021, 6, 401-412.	5.9	46
3	NLRP3 phosphorylation in its LRR domain critically regulates inflammasome assembly. Nature Communications, 2021, 12, 5862.	5.8	52
4	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
5	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
6	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
7	Spotlight on the NLRP3 inflammasome pathway. Journal of Inflammation Research, 2018, Volume 11, 359-374.	1.6	197
8	IFN-Î³ extends the immune functions of Guanylate Binding Proteins to inflammasome-independent antibacterial activities during Francisella novicida infection. PLoS Pathogens, 2017, 13, e1006630.	2.1	41
9	Design, Synthesis, and Evaluation of Acrylamide Derivatives as Direct NLRP3 Inflammasome Inhibitors. ChemMedChem, 2016, 11, 1790-1803.	1.6	62
10	Roles of Caspases in Necrotic Cell Death. Cell, 2016, 167, 1693-1704.	13.5	234
11	Activation of Necroptosis in Multiple Sclerosis. Cell Reports, 2015, 10, 1836-1849.	2.9	413
12	Caspase-11 Controls Interleukin-1Î² Release through Degradation of TRPC1. Cell Reports, 2014, 6, 1122-1128.	2.9	86
13	Deubiquitination of NLRP3 by BRCC3 Critically Regulates Inflammasome Activity. Molecular Cell, 2013, 49, 331-338.	4.5	552
14	Cochlin Produced by Follicular Dendritic Cells Promotes Antibacterial Innate Immunity. Immunity, 2013, 38, 1063-1072.	6.6	57
15	Role of Protein Misfolding in DFNA9 Hearing Loss. Journal of Biological Chemistry, 2010, 285, 14909-14919.	1.6	36
16	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
17	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
18	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

#	Article	IF	Citations
19	A critical role of eEF-2K in mediating autophagy in response to multiple cellular stresses. Autophagy, 2009, 5, 393-396.	4.3	45
20	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
21	Fission and selective fusion govern mitochondrial segregation and elimination by autophagy. EMBO Journal, 2008, 27, 433-446.	3.5	2,587
22	Autophagy LimitsListeria monocytogenesIntracellular Growth in the Early Phase of Primary Infection. Autophagy, 2007, 3, 117-125.	4.3	206
23	The Siva protein is a novel intracellular ligand of the CD4 receptor that promotes HIV-1 envelope-induced apoptosis in T-lymphoid cells. Apoptosis: an International Journal on Programmed Cell Death, 2007, 12, 1879-1892.	2.2	15
24	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
25	Endoplasmic Reticulum Stress Response in Cell Death and Cell Survival. , 0, , 51-62.		3