

# Benjamin Demarco

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5046658/publications.pdf>

Version: 2024-02-01

15  
papers

1,390  
citations

840776

11  
h-index

996975

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1515  
citing authors

#	ARTICLE	IF	CITATIONS
1	ESCRT-dependent membrane repair negatively regulates pyroptosis downstream of GSDMD activation. <i>Science</i> , 2018, 362, 956-960.	12.6	466
2	Extrinsic and intrinsic apoptosis activate pannexin-1 to drive NLRP3 inflammasome assembly. <i>EMBO Journal</i> , 2019, 38, .	7.8	264
3	Human GBP1 binds LPS to initiate assembly of a caspase-4 activating platform on cytosolic bacteria. <i>Nature Communications</i> , 2020, 11, 3276.	12.8	178
4	Caspase-8-dependent gasdermin D cleavage promotes antimicrobial defense but confers susceptibility to TNF-induced lethality. <i>Science Advances</i> , 2020, 6, .	10.3	123
5	Caspase-1 cleaves Bid to release mitochondrial SMAC and drive secondary necrosis in the absence of GSDMD. <i>Life Science Alliance</i> , 2020, 3, e202000735.	2.8	64
6	Beyond inflammasomes: emerging function of gasdermins during apoptosis and NETosis. <i>EMBO Journal</i> , 2020, 39, e103397.	7.8	62
7	RIPK1 activates distinct gasdermins in macrophages and neutrophils upon pathogen blockade of innate immune signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	55
8	Pannexin-1 promotes NLRP3 activation during apoptosis but is dispensable for canonical or noncanonical inflammasome activation. <i>European Journal of Immunology</i> , 2020, 50, 170-177.	2.9	53
9	Cross talk between intracellular pathogens and cell death. <i>Immunological Reviews</i> , 2020, 297, 174-193.	6.0	44
10	Genetic targeting of Card19 is linked to disrupted NINJ1 expression, impaired cell lysis, and increased susceptibility to <i>Yersinia</i> infection. <i>PLoS Pathogens</i> , 2021, 17, e1009967.	4.7	25
11	TBK1 and IKK $\mu$ act like an OFF switch to limit NLRP3 inflammasome pathway activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	22
12	Comparative analysis of the coordinated motion of Hsp70s from different organelles observed by single-molecule three-color FRET. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	10
13	How Pyroptosis Contributes to Inflammation and Fibroblast-Macrophage Cross-Talk in Rheumatoid Arthritis. <i>Cells</i> , 2022, 11, 1307.	4.1	10
14	Detection of Gasdermin Activation and Lytic Cell Death During Pyroptosis and Apoptosis. <i>Methods in Molecular Biology</i> , 2022, , 209-237.	0.9	5
15	Pannexin-1 channels bridge apoptosis to NLRP3 inflammasome activation. <i>Molecular and Cellular Oncology</i> , 2019, 6, 1610324.	0.7	4