

Dominic De Nardo

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

7,069
citations

147801

31
h-index

233421

45
g-index

61
all docs

61
docs citations

61
times ranked

12903
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptome-Based Network Analysis Reveals a Spectrum Model of Human Macrophage Activation. <i>Immunity</i> , 2014, 40, 274-288.	14.3	1,692
2	The adaptor ASC has extracellular and 'prionoid' activities that propagate inflammation. <i>Nature Immunology</i> , 2014, 15, 727-737.	14.5	651
3	TDP-43 Triggers Mitochondrial DNA Release via mPTP to Activate cGAS/STING in ALS. <i>Cell</i> , 2020, 183, 636-649.e18.	28.9	453
4	NLRP3 inflammasomes link inflammation and metabolic disease. <i>Trends in Immunology</i> , 2011, 32, 373-379.	6.8	352
5	Toll-like receptors: Activation, signalling and transcriptional modulation. <i>Cytokine</i> , 2015, 74, 181-189.	3.2	344
6	High-density lipoprotein mediates anti-inflammatory reprogramming of macrophages via the transcriptional regulator ATF3. <i>Nature Immunology</i> , 2014, 15, 152-160.	14.5	337
7	Active MLKL triggers the NLRP3 inflammasome in a cell-intrinsic manner. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E961-E969.	7.1	337
8	Cyclodextrin promotes atherosclerosis regression via macrophage reprogramming. <i>Science Translational Medicine</i> , 2016, 8, 333ra50.	12.4	271
9	The Inflammasomes and Autoinflammatory Syndromes. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2015, 10, 395-424.	22.4	241
10	Familial autoinflammation with neutrophilic dermatosis reveals a regulatory mechanism of pyrin activation. <i>Science Translational Medicine</i> , 2016, 8, 332ra45.	12.4	241
11	TBK1 and IKK μ Act Redundantly to Mediate STING-Induced NF- κ B Responses in Myeloid Cells. <i>Cell Reports</i> , 2020, 31, 107492.	6.4	223
12	New Insights into Mechanisms Controlling the NLRP3 Inflammasome and Its Role in Lung Disease. <i>American Journal of Pathology</i> , 2014, 184, 42-54.	3.8	170
13	The Mitochondrial Apoptotic Effectors BAX/BAK Activate Caspase-3 and -7 to Trigger NLRP3 Inflammasome and Caspase-8 Driven IL-1 β Activation. <i>Cell Reports</i> , 2018, 25, 2339-2353.e4.	6.4	164
14	Understanding early TLR signaling through the Myddosome. <i>Journal of Leukocyte Biology</i> , 2019, 105, 339-351.	3.3	130
15	ATF3 Is a Key Regulator of Macrophage IFN Responses. <i>Journal of Immunology</i> , 2015, 195, 4446-4455.	0.8	121
16	Aberrant actin depolymerization triggers the pyrin inflammasome and autoinflammatory disease that is dependent on IL-18, not IL-1 β . <i>Journal of Experimental Medicine</i> , 2015, 212, 927-938.	8.5	120
17	A novel Pyrin-Associated Autoinflammation with Neutrophilic Dermatitis mutation further defines 14-3-3 binding of pyrin and distinction to Familial Mediterranean Fever. <i>Annals of the Rheumatic Diseases</i> , 2017, 76, 2085-2094.	0.9	118
18	Flexible Usage and Interconnectivity of Diverse Cell Death Pathways Protect against Intracellular Infection. <i>Immunity</i> , 2020, 53, 533-547.e7.	14.3	98

#	ARTICLE	IF	CITATIONS
19	Signaling Crosstalk during Sequential TLR4 and TLR9 Activation Amplifies the Inflammatory Response of Mouse Macrophages. <i>Journal of Immunology</i> , 2009, 183, 8110-8118.	0.8	94
20	A Mutation Outside the Dimerization Domain Causing Atypical STING-Associated Vasculopathy With Onset in Infancy. <i>Frontiers in Immunology</i> , 2018, 9, 1535.	4.8	90
21	Interleukin-1 receptor-associated kinase 4 (IRAK4) plays a dual role in myddosome formation and Toll-like receptor signaling. <i>Journal of Biological Chemistry</i> , 2018, 293, 15195-15207.	3.4	86
22	STAT3 serine phosphorylation is required for TLR4 metabolic reprogramming and IL-1 β expression. <i>Nature Communications</i> , 2020, 11, 3816.	12.8	78
23	Comprehensive RNAi-based screening of human and mouse TLR pathways identifies species-specific preferences in signaling protein use. <i>Science Signaling</i> , 2016, 9, ra3.	3.6	66
24	Posttranslational Modification as a Critical Determinant of Cytoplasmic Innate Immune Recognition. <i>Physiological Reviews</i> , 2017, 97, 1165-1209.	28.8	63
25	Autoinflammatory mutation in NLRC4 reveals a leucine-rich repeat (LRR)-LRR oligomerization interface. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1956-1967.e6.	2.9	52
26	A Central Role for the Hsp90 α -Cdc37 Molecular Chaperone Module in Interleukin-1 Receptor-associated-kinase-dependent Signaling by Toll-like Receptors. <i>Journal of Biological Chemistry</i> , 2005, 280, 9813-9822.	3.4	48
27	Connexin-Dependent Transfer of cGAMP to Phagocytes Modulates Antiviral Responses. <i>MBio</i> , 2020, 11, .	4.1	44
28	Deficiency in coatamer complex I causes aberrant activation of STING signalling. <i>Nature Communications</i> , 2022, 13, 2321.	12.8	43
29	Immortalization of Murine Bone Marrow-Derived Macrophages. <i>Methods in Molecular Biology</i> , 2018, 1784, 35-49.	0.9	42
30	Down-regulation of IRAK-4 is a component of LPS- and CpG DNA-induced tolerance in macrophages. <i>Cellular Signalling</i> , 2009, 21, 246-252.	3.6	34
31	Interferon Regulatory Factor 6 Differentially Regulates Toll-like Receptor 2-dependent Chemokine Gene Expression in Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2014, 289, 19758-19768.	3.4	33
32	Measuring NLR Oligomerization II: Detection of ASC Speck Formation by Confocal Microscopy and Immunofluorescence. <i>Methods in Molecular Biology</i> , 2016, 1417, 145-158.	0.9	32
33	Molecular and spatial mechanisms governing STING signalling. <i>FEBS Journal</i> , 2021, 288, 5504-5529.	4.7	27
34	Optimization of transcription factor binding map accuracy utilizing knockout-mouse models. <i>Nucleic Acids Research</i> , 2014, 42, 13051-13060.	14.5	25
35	Microbiota and adipocyte mitochondrial damage in type 2 diabetes are linked by <i>Mmp12</i> ^{+/+} macrophages. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	24
36	Protein kinase R is an innate immune sensor of proteotoxic stress via accumulation of cytoplasmic IL-24. <i>Science Immunology</i> , 2022, 7, eabi6763.	11.9	22

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37	Activation of the Innate Immune Receptors: Guardians of the Micro Galaxy. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1024, 1-35.	1.6	15
38	The Critical Role of the Colony-Stimulating Factor-1 Receptor in the Differentiation of Myeloblastic Leukemia Cells. <i>Molecular Cancer Research</i> , 2008, 6, 458-467.	3.4	14
39	Regulation of IRAK-1 activation by its C-terminal domain. <i>Cellular Signalling</i> , 2009, 21, 719-726.	3.6	12
40	Emerging Concepts in Innate Immunity. <i>Methods in Molecular Biology</i> , 2018, 1714, 1-18.	0.9	12
41	Innate immunity. <i>Current Opinion in Immunology</i> , 2014, 26, v-vi.	5.5	11
42	Generation of Innate Immune Reporter Cells Using Retroviral Transduction. <i>Methods in Molecular Biology</i> , 2018, 1714, 97-117.	0.9	11
43	Discordance in STING-Induced Activation and Cell Death Between Mouse and Human Dendritic Cell Populations. <i>Frontiers in Immunology</i> , 2022, 13, 794776.	4.8	10
44	Editorial: Immunomodulation of Innate Immune Cells. <i>Frontiers in Immunology</i> , 2020, 11, 101.	4.8	3
45	Whole exome sequencing in systemic juvenile idiopathic arthritis. <i>Pediatric Rheumatology</i> , 2015, 13, .	2.1	0
46	Whole exome sequencing in systemic juvenile idiopathic arthritis. <i>Pathology</i> , 2016, 48, S43.	0.6	0
47	Inflammasomopathies: Diseases Linked to the NLRP3 Inflammasome. , 2012, , 23-65.		0
48	Aberrant actin depolymerization triggers the pyrin inflammasome and autoinflammatory disease that is dependent on IL-18, not IL-1 β . <i>Journal of Cell Biology</i> , 2015, 209, 2095OIA104.	5.2	0