

Inhwa Hwang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/112648/publications.pdf>

Version: 2024-02-01

25
papers

1,551
citations

471509

17
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

2564
citing authors

#	ARTICLE	IF	CITATIONS
1	SGLT2 inhibition modulates NLRP3 inflammasome activity via ketones and insulin in diabetes with cardiovascular disease. <i>Nature Communications</i> , 2020, 11, 2127.	12.8	263
2	MPTP-driven NLRP3 inflammasome activation in microglia plays a central role in dopaminergic neurodegeneration. <i>Cell Death and Differentiation</i> , 2019, 26, 213-228.	11.2	260
3	The Mitochondrial Antiviral Protein MAVS Associates with NLRP3 and Regulates Its Inflammasome Activity. <i>Journal of Immunology</i> , 2013, 191, 4358-4366.	0.8	210
4	Defective mitochondrial fission augments NLRP3 inflammasome activation. <i>Scientific Reports</i> , 2015, 5, 15489.	3.3	125
5	25-hydroxycholesterol contributes to cerebral inflammation of X-linked adrenoleukodystrophy through activation of the NLRP3 inflammasome. <i>Nature Communications</i> , 2016, 7, 13129.	12.8	124
6	Dysbiosis-induced IL-33 contributes to impaired antiviral immunity in the genital mucosa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E762-71.	7.1	64
7	SCK1 inhibition in glia ameliorates pathologies and symptoms in Parkinson disease animal models. <i>EMBO Molecular Medicine</i> , 2021, 13, e13076.	6.9	52
8	Histone deacetylase 6 negatively regulates NLRP3 inflammasome activation. <i>Biochemical and Biophysical Research Communications</i> , 2015, 467, 973-978.	2.1	50
9	Advanced glycation end products impair NLRP3 inflammasome-mediated innate immune responses in macrophages. <i>Journal of Biological Chemistry</i> , 2017, 292, 20437-20448.	3.4	46
10	NLRP3 Inflammasome Contributes to Lipopolysaccharide-induced Depressive-Like Behaviors via Indoleamine 2,3-dioxygenase Induction. <i>International Journal of Neuropsychopharmacology</i> , 2017, 20, 896-906.	2.1	45
11	Ribotoxic Stress through p38 Mitogen-activated Protein Kinase Activates in Vitro the Human Pyrin Inflammasome. <i>Journal of Biological Chemistry</i> , 2013, 288, 11378-11383.	3.4	38
12	Non-transcriptional regulation of NLRP3 inflammasome signaling by IL-4. <i>Immunology and Cell Biology</i> , 2015, 93, 591-599.	2.3	35
13	Bacterial Outer Membrane Vesicle-Mediated Cytosolic Delivery of Flagellin Triggers Host NLRC4 Canonical Inflammasome Signaling. <i>Frontiers in Immunology</i> , 2020, 11, 581165.	4.8	35
14	Brefeldin A-sensitive ER-Golgi vesicle trafficking contributes to NLRP3-dependent caspase-1 activation. <i>FASEB Journal</i> , 2019, 33, 4547-4558.	0.5	30
15	Antimicrobial Peptide LL-37 Drives Rosacea-Like Skin Inflammation in an NLRP3-Dependent Manner. <i>Journal of Investigative Dermatology</i> , 2021, 141, 2885-2894.e5.	0.7	30
16	Zika Virus Impairs Host NLRP3-mediated Inflammasome Activation in an NS3-dependent Manner. <i>Immune Network</i> , 2019, 19, e40.	3.6	27
17	Chemotherapeutic Agent Paclitaxel Mediates Priming of NLRP3 Inflammasome Activation. <i>Frontiers in Immunology</i> , 2019, 10, 1108.	4.8	25
18	Cobalt Chloride-induced Hypoxia Ameliorates NLRP3-Mediated Caspase-1 Activation in Mixed Glial Cultures. <i>Immune Network</i> , 2013, 13, 141.	3.6	18

#	ARTICLE	IF	CITATIONS
19	Restoration of ASC expression sensitizes colorectal cancer cells to genotoxic stress-induced caspase-independent cell death. <i>Cancer Letters</i> , 2013, 331, 183-191.	7.2	17
20	Neutrophils Facilitate Prolonged Inflammasome Response in the DAMP-Rich Inflammatory Milieu. <i>Frontiers in Immunology</i> , 2021, 12, 746032.	4.8	17
21	<i>Salmonella</i> Promotes ASC Oligomerization-dependent Caspase-1 Activation. <i>Immune Network</i> , 2012, 12, 284.	3.6	12
22	Palmitate and minimally-modified low-density lipoprotein cooperatively promote inflammatory responses in macrophages. <i>PLoS ONE</i> , 2018, 13, e0193649.	2.5	9
23	Intracellular NAD ⁺ Depletion Confers a Priming Signal for NLRP3 Inflammasome Activation. <i>Frontiers in Immunology</i> , 2021, 12, 765477.	4.8	9
24	Proteomics-based functional studies reveal that galectin-3 plays a protective role in the pathogenesis of intestinal Behçet's disease. <i>Scientific Reports</i> , 2019, 9, 11716.	3.3	7
25			