

Je-Wook Yu

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

6,593
citations

236833

25
h-index

189801

50
g-index

50
all docs

50
docs citations

50
times ranked

8530
citing authors

#	ARTICLE	IF	CITATIONS
1	PGC-1 β inhibits the NLRP3 inflammasome via preserving mitochondrial viability to protect kidney fibrosis. <i>Cell Death and Disease</i> , 2022, 13, 31.	2.7	23

2

[Redacted]

[Redacted]

[Redacted]

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[Redacted]

[Redacted]

[Redacted]

#	ARTICLE	IF	CITATIONS
19	Palmitate and minimally-modified low-density lipoprotein cooperatively promote inflammatory responses in macrophages. <i>PLoS ONE</i> , 2018, 13, e0193649.	1.1	9
20	Prolonged Exposure to Lipopolysaccharide Induces NLRP3-Independent Maturation and Secretion of Interleukin (IL)-1 β in Macrophages. <i>Journal of Microbiology and Biotechnology</i> , 2018, 28, 115-121.	0.9	6
21	Advanced glycation end products impair NLRP3 inflammasome-mediated innate immune responses in macrophages. <i>Journal of Biological Chemistry</i> , 2017, 292, 20437-20448.	1.6	46
22	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.	1.0	45
23	Immunomodulatory/anti-inflammatory effect of ZOE-based dental materials. <i>Dental Materials</i> , 2017, 33, e1-e12.	1.6	24
24	Bacterial Secretant from <i>Pseudomonas aeruginosa</i> Dampens Inflammasome Activation in a Quorum Sensing-Dependent Manner. <i>Frontiers in Immunology</i> , 2017, 8, 333.	2.2	18
25	Inflammasome activation by cell volume regulation and inflammation-associated hyponatremia: A vicious cycle. <i>Medical Hypotheses</i> , 2016, 93, 117-121.	0.8	13
26	Mitochondria and the NLRP3 inflammasome: physiological and pathological relevance. <i>Archives of Pharmacal Research</i> , 2016, 39, 1503-1518.	2.7	148
27	25-hydroxycholesterol contributes to cerebral inflammation of X-linked adrenoleukodystrophy through activation of the NLRP3 inflammasome. <i>Nature Communications</i> , 2016, 7, 13129.	5.8	124
28	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.	3.3	64
29	Non-transcriptional regulation of NLRP3 inflammasome signaling by IL-4. <i>Immunology and Cell Biology</i> , 2015, 93, 591-599.	1.0	35
30	Histone deacetylase 6 negatively regulates NLRP3 inflammasome activation. <i>Biochemical and Biophysical Research Communications</i> , 2015, 467, 973-978.	1.0	50
31	Rotenone-induced Impairment of Mitochondrial Electron Transport Chain Confers a Selective Priming Signal for NLRP3 Inflammasome Activation. <i>Journal of Biological Chemistry</i> , 2015, 290, 27425-27437.	1.6	98
32	Defective mitochondrial fission augments NLRP3 inflammasome activation. <i>Scientific Reports</i> , 2015, 5, 15489.	1.6	125
33	Restoration of ASC expression sensitizes colorectal cancer cells to genotoxic stress-induced caspase-independent cell death. <i>Cancer Letters</i> , 2013, 331, 183-191.	3.2	17
34	The Mitochondrial Antiviral Protein MAVS Associates with NLRP3 and Regulates Its Inflammasome Activity. <i>Journal of Immunology</i> , 2013, 191, 4358-4366.	0.4	210
35	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.	1.6	38
36	Cobalt Chloride-induced Hypoxia Ameliorates NLRP3-Mediated Caspase-1 Activation in Mixed Glial Cultures. <i>Immune Network</i> , 2013, 13, 141.	1.6	18

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37	<i>Salmonella</i> Promotes ASC Oligomerization-dependent Caspase-1 Activation. <i>Immune Network</i> , 2012, 12, 284.	1.6	12
38	Pyrin Domain (PYD)-containing Inflammasome in Innate Immunity. <i>Journal of Bacteriology and Virology</i> , 2011, 41, 133.	0.0	16
39	TRADD is critical for resistance to TRAIL-induced cell death through NF- κ B activation. <i>FEBS Letters</i> , 2011, 585, 2144-2150.	1.3	29
40	The AIM2 inflammasome is critical for innate immunity to <i>Francisella tularensis</i> . <i>Nature Immunology</i> , 2010, 11, 385-393.	7.0	637
41	ClIA Is a Novel Regulator of Detachment-Induced Cell Death. <i>Cancer Research</i> , 2010, 70, 6352-6358.	0.4	5
42	Anti-inflammatory Compounds Parthenolide and Bay 11-7082 Are Direct Inhibitors of the Inflammasome. <i>Journal of Biological Chemistry</i> , 2010, 285, 9792-9802.	1.6	493
43	Differential cytoprotective effect of copper- and iron-containing chlorophyllins against oxidative stress-mediated cell death. <i>Free Radical Research</i> , 2010, 44, 655-667.	1.5	12
44	AIM2 activates the inflammasome and cell death in response to cytoplasmic DNA. <i>Nature</i> , 2009, 458, 509-513.	13.7	1,548
45	Mutations in <i>NALP12</i> cause hereditary periodic fever syndromes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1614-1619.	3.3	331
46	Pyrin Activates the ASC Pyroptosome in Response to Engagement by Autoinflammatory PSTPIP1 Mutants. <i>Molecular Cell</i> , 2007, 28, 214-227.	4.5	261
47	The pyroptosome: a supramolecular assembly of ASC dimers mediating inflammatory cell death via caspase-1 activation. <i>Cell Death and Differentiation</i> , 2007, 14, 1590-1604.	5.0	854
48	Cryopyrin and pyrin activate caspase-1, but not NF- κ B, via ASC oligomerization. <i>Cell Death and Differentiation</i> , 2006, 13, 236-249.	5.0	313
49	Inhibition of Apoptosis Signal-regulating Kinase 1 by Nitric Oxide through a Thiol Redox Mechanism. <i>Journal of Biological Chemistry</i> , 2004, 279, 7584-7590.	1.6	98
50	Iron Chlorin e6 Scavenges Hydroxyl Radical and Protects Human Endothelial Cells against Hydrogen Peroxide Toxicity. <i>Biological and Pharmaceutical Bulletin</i> , 2001, 24, 1053-1059.	0.6	13