Eun-kyeong Jo

List of Publications by Year
in descending order

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212 papers	17,876 citations	17440 63 h-index	14759 127 g-index
213 all docs	213 docs citations	213 times ranked	30018 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Molecular mechanisms regulating NLRP3 inflammasome activation. Cellular and Molecular Immunology, 2016, 13, 148-159.	10.5	990
3	Vitamin D3 Induces Autophagy in Human Monocytes/Macrophages via Cathelicidin. Cell Host and Microbe, 2009, 6, 231-243.	11.0	684
4	Upregulated NLRP3 Inflammasome Activation in Patients With Type 2 Diabetes. Diabetes, 2013, 62, 194-204.	0.6	591
5	Vitamin D Is Required for IFN-Î³â€“Mediated Antimicrobial Activity of Human Macrophages. Science Translational Medicine, 2011, 3, 104ra102.	12.4	442
6	An update on the regulatory mechanisms of NLRP3 inflammasome activation. Cellular and Molecular Immunology, 2021, 18, 1141-1160.	10.5	302
7	Mycobacterium tuberculosis Eis Regulates Autophagy, Inflammation, and Cell Death through Redox-dependent Signaling. PLoS Pathogens, 2010, 6, e1001230.	4.7	281
8	A Critical Role of Toll-like Receptor 2 in Nerve Injury-induced Spinal Cord Glial Cell Activation and Pain Hypersensitivity. Journal of Biological Chemistry, 2007, 282, 14975-14983.	3.4	264
9	Intracellular signalling cascades regulating innate immune responses to Mycobacteria: branching out from Toll-like receptors. Cellular Microbiology, 2007, 9, 1087-1098.	2.1	242
10	Mycobacterial lipoprotein activates autophagy via TLR2/1/CD14 and a functional vitamin D receptor signalling. Cellular Microbiology, 2010, 12, 1648-1665.	2.1	226
11	Host Cell Autophagy Activated by Antibiotics Is Required for Their Effective Antimycobacterial Drug Action. Cell Host and Microbe, 2012, 11, 457-468.	11.0	219
12	A functional promoter polymorphism in monocyte chemoattractant proteinâ€“1 is associated with increased susceptibility to pulmonary tuberculosis. Journal of Experimental Medicine, 2005, 202, 1649-1658.	8.5	217
13	NADPH oxidase 2-derived reactive oxygen species in spinal cord microglia contribute to peripheral nerve injury-induced neuropathic pain. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14851-14856.	7.1	199
14	Autophagy Negatively Regulates Keratinocyte Inflammatory Responses via Scaffolding Protein p62/SQSTM1. Journal of Immunology, 2011, 186, 1248-1258.	0.8	180
15	NADPH Oxidase 2 Interaction with TLR2 Is Required for Efficient Innate Immune Responses to Mycobacteria via Cathelicidin Expression. Journal of Immunology, 2009, 182, 3696-3705.	0.8	168
16	The orphan nuclear receptor SHP acts as a negative regulator in inflammatory signaling triggered by Toll-like receptors. Nature Immunology, 2011, 12, 742-751.	14.5	167
17	Mycobacterium tuberculosis Eis protein initiates suppression of host immune responses by acetylation of DUSP16/MKP-7. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 7729-7734.	7.1	167
18	COVID-19 Patients Upregulate Toll-like Receptor 4-mediated Inflammatory Signaling That Mimics Bacterial Sepsis. Journal of Korean Medical Science, 2020, 35, e343.	2.5	156

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19	Role of microglial IKKÎ² in kainic acid-induced hippocampal neuronal cell death. Brain, 2008, 131, 3019-3033.	7.6	149
20	Mycobacterial interaction with innate receptors: TLRs, C-type lectins, and NLRs. Current Opinion in Infectious Diseases, 2008, 21, 279-286.	3.1	144
21	Immunofluorescence Analysis of Neutrophil Nonmuscle Myosin Heavy Chain-A in MYH9 Disorders: Association of Subcellular Localization with MYH9 Mutations. Laboratory Investigation, 2003, 83, 115-122.	3.7	140
22	The Mycobacterial 38-Kilodalton Glycolipoprotein Antigen Activates the Mitogen-Activated Protein Kinase Pathway and Release of Proinflammatory Cytokines through Toll-Like Receptors 2 and 4 in Human Monocytes. Infection and Immunity, 2006, 74, 2686-2696.	2.2	138
23	MicroRNA-125a Inhibits Autophagy Activation and Antimicrobial Responses during Mycobacterial Infection. Journal of Immunology, 2015, 194, 5355-5365.	0.8	132
24	MiR-146 and miR-125 in the regulation of innate immunity and inflammation. BMB Reports, 2016, 49, 311-318.	2.4	128
25	GABAergic signaling linked to autophagy enhances host protection against intracellular bacterial infections. Nature Communications, 2018, 9, 4184.	12.8	128
26	Roles of peroxiredoxin II in the regulation of proinflammatory responses to LPS and protection against endotoxin-induced lethal shock. Journal of Experimental Medicine, 2007, 204, 583-594.	8.5	125
27	PPAR-Î± Activation Mediates Innate Host Defense through Induction of TFEB and Lipid Catabolism. Journal of Immunology, 2017, 198, 3283-3295.	0.8	123
28	ASK1-p38 MAPK-p47phox activation is essential for inflammatory responses during tuberculosis via TLR2-ROS signalling. Cellular Microbiology, 2008, 10, 741-754.	2.1	122
29	Roles of Autophagy in Elimination of Intracellular Bacterial Pathogens. Frontiers in Immunology, 2013, 4, 97.	4.8	122
30	Small heterodimer partner interacts with NLRP3 and negatively regulates activation of the NLRP3 inflammasome. Nature Communications, 2015, 6, 6115.	12.8	120
31	Mycobacterium abscessusactivates the macrophage innate immune response via a physical and functional interaction between TLR2 and dectin-1. Cellular Microbiology, 2008, 10, 1608-1621.	2.1	113
32	Autophagy: A new strategy for host-directed therapy of tuberculosis. Virulence, 2019, 10, 448-459.	4.4	113
33	Endoplasmic reticulum stress response is involved in Mycobacterium tuberculosis protein ESATâ€¢â€mediated apoptosis. FEBS Letters, 2010, 584, 2445-2454.	2.8	112
34	MIR144* inhibits antimicrobial responses against Mycobacterium tuberculosis in human monocytes and macrophages by targeting the autophagy protein DRAM2. Autophagy, 2017, 13, 423-441.	9.1	108
35	The AMPK-PPARGC1A pathway is required for antimicrobial host defense through activation of autophagy. Autophagy, 2014, 10, 785-802.	9.1	107
36	Mycobacterial signaling through toll-like receptors. Frontiers in Cellular and Infection Microbiology, 2012, 2, 145.	3.9	106

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37	Orphan Nuclear Receptor ERRÎ± Controls Macrophage Metabolic Signaling and A20 Expression to Negatively Regulate TLR-Induced Inflammation. Immunity, 2015, 43, 80-91.	14.3	106
38	Autophagy induced by AXL receptor tyrosine kinase alleviates acute liver injury via inhibition of NLRP3 inflammasome activation in mice. Autophagy, 2016, 12, 2326-2343.	9.1	100
39	Autophagy and bacterial infectious diseases. Experimental and Molecular Medicine, 2012, 44, 99.	7.7	97
40	SIRT3 promotes antimycobacterial defenses by coordinating mitochondrial and autophagic functions. Autophagy, 2019, 15, 1356-1375.	9.1	96
41	Role of mitogen-activated protein kinase pathways in the production of tumor necrosis factor-alpha, interleukin-10, and monocyte chemotactic protein-1 by Mycobacterium tuberculosis H37Rv-infected human monocytes. Journal of Clinical Immunology, 2003, 23, 194-201.	3.8	95
42	Dectin-1 is Inducible and Plays an Essential Role for Mycobacteria-Induced Innate Immune Responses in Airway Epithelial Cells. Journal of Clinical Immunology, 2009, 29, 795-805.	3.8	93
43	Intracellular network of phosphatidylinositol 3-kinase, mammalian target of the rapamycin/70 kDa ribosomal S6 kinase 1, and mitogen-activated protein kinases pathways for regulating mycobacteria-induced IL-23 expression in human macrophages. Cellular Microbiology, 2006, 8, 1158-1171.	2.1	92
44	NLRP3 Inflammasome and Host Protection against Bacterial Infection. Journal of Korean Medical Science, 2013, 28, 1415.	2.5	86
45	Innate immunity to mycobacteria: vitamin D and autophagy. Cellular Microbiology, 2010, 12, 1026-1035.	2.1	85
46	Endoplasmic Reticulum Stress Pathway-Mediated Apoptosis in Macrophages Contributes to the Survival of Mycobacterium tuberculosis. PLoS ONE, 2011, 6, e28531.	2.5	82
47	Necrotic neuronal cells induce inflammatory Schwann cell activation via TLR2 and TLR3: Implication in Wallerian degeneration. Biochemical and Biophysical Research Communications, 2006, 350, 742-747.	2.1	80
48	Dynamics of cytokine generation in patients with active pulmonary tuberculosis. Current Opinion in Infectious Diseases, 2003, 16, 205-210.	3.1	79
49	Bacillus Calmette-Guerin cell wall cytoskeleton enhances colon cancer radiosensitivity through autophagy. Autophagy, 2010, 6, 46-60.	9.1	74
50	Roles of Autophagy-Related Genes in the Pathogenesis of Inflammatory Bowel Disease. Cells, 2019, 8, 77.	4.1	74
51	TLR3-Triggered Reactive Oxygen Species Contribute to Inflammatory Responses by Activating Signal Transducer and Activator of Transcription-1. Journal of Immunology, 2013, 190, 6368-6377.	0.8	73
52	MicroRNA in innate immunity and autophagy during mycobacterial infection. Cellular Microbiology, 2017, 19, e12687.	2.1	72
53	Pexophagy: Molecular Mechanisms and Implications for Health and Diseases. Molecules and Cells, 2018, 41, 55-64.	2.6	71
54	Mycobacterium abscessus activates the NLRP3 inflammasome via Dectinâ€1â€“Syk and p62/SQSTM1. Immunology and Cell Biology, 2012, 90, 601-610.	2.3	69

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55	Toxoplasma gondii GRA7-Induced TRAF6 Activation Contributes to Host Protective Immunity. Infection and Immunity, 2016, 84, 339-350.	2.2	69
56	Mitochondrial Control of Innate Immunity and Inflammation. Immune Network, 2017, 17, 77.	3.6	69
57	The ginsenoside metabolite compound K, a novel agonist of glucocorticoid receptor, induces tolerance to endotoxinâ€induced lethal shock. Journal of Cellular and Molecular Medicine, 2008, 12, 1739-1753.	3.6	68
58	Innate immune responses toMycobacterium ulceransvia toll-like receptors and dectin-1 in human keratinocytes. Cellular Microbiology, 2009, 11, 678-692.	2.1	68
59	A High-Affinity Protein Binder that Blocks the IL-6/STAT3 Signaling Pathway Effectively Suppresses Nonâ€“Small Cell Lung Cancer. Molecular Therapy, 2014, 22, 1254-1265.	8.2	68
60	Rufomycin Targets ClpC1 Proteolysis in Mycobacterium tuberculosis and M. abscessus. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	68
61	Toll-like Receptors and Innate Immunity. Journal of Bacteriology and Virology, 2011, 41, 225.	0.1	67
62	The Role of NLR-related Protein 3 Inflammasome in Host Defense and Inflammatory Diseases. International Neurourology Journal, 2012, 16, 2.	1.2	67
63	Nanoparticles up-regulate tumor necrosis factor-Î± and CXCL8 via reactive oxygen species and mitogen-activated protein kinase activation. Toxicology and Applied Pharmacology, 2009, 238, 160-169.	2.8	66
64	Crosstalk between Autophagy and Inflammasomes. Molecules and Cells, 2013, 36, 393-399.	2.6	66
65	Mitochondrial Reactive Oxygen Species: Double-Edged Weapon in Host Defense and Pathological Inflammation During Infection. Frontiers in Immunology, 2020, 11, 1649.	4.8	66
66	Crosstalks between inflammasome and autophagy in cancer. Journal of Hematology and Oncology, 2020, 13, 100.	17.0	65
67	Vitamin D-Cathelicidin Axis: at the Crossroads between Protective Immunity and Pathological Inflammation during Infection. Immune Network, 2020, 20, e12.	3.6	65
68	Reactive oxygen species and p47phox activation are essential for the Mycobacterium tuberculosis-induced pro-inflammatory response in murine microglia. Journal of Neuroinflammation, 2007, 4, 27.	7.2	64
69	ESRRA (estrogen-related receptor Î±) is a key coordinator of transcriptional and post-translational activation of autophagy to promote innate host defense. Autophagy, 2018, 14, 152-168.	9.1	64
70	Depressed Interleukin-12 (IL-12), but not IL-18, Production in Response to a 30- or 32-Kilodalton Mycobacterial Antigen in Patients with Active Pulmonary Tuberculosis. Infection and Immunity, 2000, 68, 4477-4484.	2.2	63
71	Mycobacterium tuberculosislipoprotein-induced association of TLR2 with protein kinase C Î¶ in lipid rafts contributes to reactive oxygen species-dependent inflammatory signalling in macrophages. Cellular Microbiology, 2008, 10, 1893-1905.	2.1	59
72	Subtle interplay of endogenous bioactive gases (NO, CO and H2S) in inflammation. Archives of Pharmacal Research, 2009, 32, 1155-1162.	6.3	59

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73	Microglial Toll-like Receptor 2 Contributes to Kainic Acid-induced Glial Activation and Hippocampal Neuronal Cell Death. Journal of Biological Chemistry, 2010, 285, 39447-39457.	3.4	58
74	Autophagy as an innate defense against mycobacteria. Pathogens and Disease, 2013, 67, 108-118.	2.0	57
75	Microglial activation of the NLRP3 inflammasome by the priming signals derived from macrophages infected with mycobacteria. Glia, 2013, 61, 441-452.	4.9	56
76	An essential role for SKAP-55 in LFA-1 clustering on T cells that cannot be substituted by SKAP-55R. Journal of Experimental Medicine, 2005, 201, 1733-1739.	8.5	54
77	Glucocorticoid receptor agonist compound K regulates dectin-1-dependent inflammatory signaling through inhibition of reactive oxygen species. Life Sciences, 2009, 85, 625-633.	4.3	52
78	Expression, production and release of the Eis protein by Mycobacterium tuberculosis during infection of macrophages and its effect on cytokine secretion. Microbiology (United Kingdom), 2007, 153, 529-540.	1.8	51
79	Activity of LCB01-0371, a Novel Oxazolidinone, against Mycobacterium abscessus. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	49
80	Inflammasome and Mitophagy Connection in Health and Disease. International Journal of Molecular Sciences, 2020, 21, 4714.	4.1	49
81	Protein kinase C zeta plays an essential role for Mycobacterium tuberculosis-induced extracellular signal-regulated kinase 1/2 activation in monocytes/macrophages via Toll-like receptor 2. Cellular Microbiology, 2007, 9, 382-396.	2.1	48
82	Role of autophagy in the host response to microbial infection and potential for therapy. Current Opinion in Immunology, 2011, 23, 65-70.	5.5	48
83	Antimicrobial Peptides in Innate Immunity against Mycobacteria. Immune Network, 2011, 11, 245.	3.6	47
84	AMP-Activated Protein Kinase and Host Defense against Infection. International Journal of Molecular Sciences, 2018, 19, 3495.	4.1	46
85	Mitophagy and Innate Immunity in Infection. Molecules and Cells, 2020, 43, 10-22.	2.6	45
86	Induction of Protective Immune Responses by a Multiantigenic DNA Vaccine Encoding GRA7 and ROP1 of Toxoplasma gondii. Vaccine Journal, 2012, 19, 666-674.	3.1	44
87	Host immune responses to mycobacterial antigens and their implications for the development of a vaccine to control tuberculosis. Clinical and Experimental Vaccine Research, 2014, 3, 155.	2.2	43
88	Autophagy-activating strategies to promote innate defense against mycobacteria. Experimental and Molecular Medicine, 2019, 51, 1-10.	7.7	43
89	The Role of CD38 in Fcî³ Receptor (Fcî³R)-mediated Phagocytosis in Murine Macrophages. Journal of Biological Chemistry, 2012, 287, 14502-14514.	3.4	42
90	Purification and Immunoreactivity of Three Components from the 30/32-Kilodalton Antigen 85 Complex inMycobacterium tuberculosis. Infection and Immunity, 1999, 67, 6187-6190.	2.2	42

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91	Polymorphisms of interleukin-10 and tumour necrosis factor-? genes are associated with newly diagnosed and recurrent pulmonary tuberculosis. Respirology, 2007, 12, 594-598.	2.3	41
92	Negative regulators and their mechanisms in NLRP3 inflammasome activation and signaling. Immunology and Cell Biology, 2017, 95, 584-592.	2.3	41
93	Profiles of IFN-Î³and its regulatory cytokines (IL-12, IL-18 and IL-10) in peripheral blood mononuclear cells from patients with multidrug-resistant tuberculosis. Clinical and Experimental Immunology, 2002, 128, 516-524.	2.6	38
94	Mycobacterium tuberculosis HBHA Protein Reacts Strongly with the Serum Immunoglobulin M of Tuberculosis Patients. Vaccine Journal, 2006, 13, 869-875.	3.1	38
95	Apurinic/Apyrimidinic Endonuclease 1 Is a Key Modulator of Keratinocyte Inflammatory Responses. Journal of Immunology, 2009, 183, 6839-6848.	0.8	38
96	Rg6, a rare ginsenoside, inhibits systemic inflammation through the induction of interleukin-10 and microRNA-146a. Scientific Reports, 2019, 9, 4342.	3.3	38
97	Autophagy: cellular defense to excessive inflammation. Microbes and Infection, 2012, 14, 119-125.	1.9	37
98	Inositol polyphosphate multikinase promotes Toll-like receptorâ€“induced inflammation by stabilizing TRAF6. Science Advances, 2017, 3, e1602296.	10.3	37
99	ESRRA (estrogen related receptor alpha) is a critical regulator of intestinal homeostasis through activation of autophagic flux via gut microbiota. Autophagy, 2021, 17, 2856-2875.	9.1	37
100	X-linked Hyper-IgM Syndrome Associated with Cryptosporidium parvum and Cryptococcus neoformans Infections: the First Case with Molecular Diagnosis in Korea. Journal of Korean Medical Science, 2002, 17, 116.	2.5	36
101	Toll-like receptor 2 contributes to glial cell activation and heme oxygenase-1 expression in traumatic brain injury. Neuroscience Letters, 2008, 431, 123-128.	2.1	36
102	Lysyl-tRNA synthetaseâ€“expressing colon spheroids induce M2 macrophage polarization to promote metastasis. Journal of Clinical Investigation, 2018, 128, 5034-5055.	8.2	36
103	Phlorofucofuroeckol Improves Glutamate-Induced Neurotoxicity through Modulation of Oxidative Stress-Mediated Mitochondrial Dysfunction in PC12 Cells. PLoS ONE, 2016, 11, e0163433.	2.5	35
104	NADPH oxidase 4 is required for the generation of macrophage migration inhibitory factor and host defense against Toxoplasma gondii infection. Scientific Reports, 2017, 7, 6361.	3.3	35
105	Intracellular Networks of the PI3K/AKT and MAPK Pathways for Regulating Toxoplasma gondii-Induced IL-23 and IL-12 Production in Human THP-1 Cells. PLoS ONE, 2015, 10, e0141550.	2.5	34
106	The production of tumour necrosis factor-alpha is decreased in peripheral blood mononuclear cells from multidrug-resistant tuberculosis patients following stimulation with the 30-kDa antigen of Mycobacterium tuberculosis. Clinical and Experimental Immunology, 2003, 132, 443-449.	2.6	33
107	Double-stranded RNA induces iNOS gene expression in Schwann cells, sensory neuronal death, and peripheral nerve demyelination. Glia, 2007, 55, 712-722.	4.9	31
108	Roles of Reactive Oxygen Species in CXCL8 and CCL2 Expression in Response to the 30-kDa Antigen of Mycobacterium tuberculosis. Journal of Clinical Immunology, 2009, 29, 46-56.	3.8	31

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109	Role of apoptosisâ€regulating signal kinase 1 in innate immune responses by Mycobacterium bovis bacillus Calmetteâ€©uÃ©rin. Immunology and Cell Biology, 2009, 87, 100-107.	2.3	31
110	Expression and Regulation of the CCâ€Chemokine Ligand 20 During Human Tuberculosis. Scandinavian Journal of Immunology, 2008, 67, 77-85.	2.7	30
111	In vitro and ex vivo activity of new derivatives of acetohydroxyacid synthase inhibitors against Mycobacterium tuberculosis and non-tuberculous mycobacteria. International Journal of Antimicrobial Agents, 2008, 31, 567-571.	2.5	30
112	Thyrotropin-Mediated Repression of Class IITrans-Activator Expression in Thyroid Cells: Involvement of STAT3 and Suppressor of Cytokine Signaling. Journal of Immunology, 2003, 171, 616-627.	0.8	29
113	Enhanced Th2 cell differentiation and function in the absence of Nox2. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 252-265.	5.7	29
114	Diacyltrehalose ofMycobacterium tuberculosisinhibits lipopolysaccharide- and mycobacteria-induced proinflammatory cytokine production in human monocytic cells. FEMS Microbiology Letters, 2007, 267, 121-128.	1.8	28
115	Ohmyungsamycins promote antimicrobial responses through autophagy activation via AMP-activated protein kinase pathway. Scientific Reports, 2017, 7, 3431.	3.3	28
116	Dysregulated Production of Interferon-gamma, Interleukin-4 and Interleukin-6 in Early Tuberculosis Patients in Response to Antigen 85B of Mycobacterium tuberculosis. Scandinavian Journal of Immunology, 2000, 51, 209-217.	2.7	27
117	Differential cytokine levels and immunoreactivities against Mycobacterium tuberculosis antigens between tuberculous and malignant effusions. Respiratory Medicine, 2008, 102, 280-286.	2.9	26
118	Small Heterodimer Partner-Targeting Therapy Inhibits Systemic Inflammatory Responses through Mitochondrial Uncoupling Protein 2. PLoS ONE, 2013, 8, e63435.	2.5	26
119	A Dual Regulatory Role of Apurinic/Apyrimidinic Endonuclease 1/Redox Factor-1 in HMGB1-Induced Inflammatory Responses. Antioxidants and Redox Signaling, 2009, 11, 575-588.	5.4	24
120	Mycobacterium abscessus ESX-3 plays an important role in host inflammatory and pathological responses during infection. Microbes and Infection, 2017, 19, 5-17.	1.9	24
121	The dual role of autophagy in acute myeloid leukemia. Journal of Hematology and Oncology, 2022, 15, 51.	17.0	23
122	Interplay between host and pathogen: immune defense and beyond. Experimental and Molecular Medicine, 2019, 51, 1-3.	7.7	22
123	The roles of microRNAs in regulation of autophagy during bacterial infection. Seminars in Cell and Developmental Biology, 2020, 101, 51-58.	5.0	22
124	An Interplay Between Autophagy and Immunometabolism for Host Defense Against Mycobacterial Infection. Frontiers in Immunology, 2020, 11, 603951.	4.8	22
125	Mycobacterial Heparin-binding Hemagglutinin Antigen Activates Inflammatory Responses through PI3-K/Akt, NF-ÎºB, and MAPK Pathways. Immune Network, 2011, 11, 123.	3.6	21
126	Small Heterodimer Partner and Innate Immune Regulation. Endocrinology and Metabolism, 2016, 31, 17.	3.0	21

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127	Conformationâ€Enabled Total Syntheses of Ohmyungsamycinsâ€…A and B and Structural Revision of Ohmyungsamycinâ€…B. Angewandte Chemie - International Edition, 2018, 57, 3069-3073.	13.8	21
128	Arginine-mediated gut microbiome remodeling promotes host pulmonary immune defense against nontuberculous mycobacterial infection. Gut Microbes, 2022, 14, 2073132.	9.8	21
129	ILâ€18 Production in Human Pulmonary and Pleural Tuberculosis. Scandinavian Journal of Immunology, 2002, 56, 611-618.	2.7	20
130	IKKâ€Î²â€mediated myeloid cell activation exacerbates inflammation and inhibits recovery after spinal cord injury. European Journal of Immunology, 2011, 41, 1266-1277.	2.9	20
131	Identification of plasma APE1/Ref-1 in lipopolysaccharide-induced endotoxemic rats: Implication of serological biomarker for an endotoxemia. Biochemical and Biophysical Research Communications, 2013, 435, 621-626.	2.1	20
132	Mycobacterium massiliense Induces Inflammatory Responses in Macrophages Through Toll-Like Receptor 2 and c-Jun N-Terminal Kinase. Journal of Clinical Immunology, 2014, 34, 212-223.	3.8	20
133	AMPK-Targeted Effector Networks in Mycobacterial Infection. Frontiers in Microbiology, 2019, 10, 520.	3.5	20
134	Identification of the new T-cell-stimulating antigens fromMycobacterium tuberculosisculture filtrate. FEMS Microbiology Letters, 2004, 232, 51-59.	1.8	19
135	Thiostrepton: A Novel Therapeutic Drug Candidate for Mycobacterium abscessus Infection. Molecules, 2019, 24, 4511.	3.8	19
136	Mycobacterium tuberculosis Induces the Production of Tumor Necrosis Factor-Î±, Interleukin-6, and CXCL8 in Pulmonary Epithelial Cells Through Reactive Oxygen Species-dependent Mitogen-activated Protein Kinase Activation. Journal of Bacteriology and Virology, 2009, 39, 1.	0.1	18
137	Nitric Oxide Synthesis is Modulated by 1,25-Dihydroxyvitamin D3 and Interferon-Î³ in Human Macrophages after Mycobacterial Infection. Immune Network, 2009, 9, 192.	3.6	18
138	Withanolides against TLR4â€Activated Innate Inflammatory Signalling Pathways: A Comparative Computational and Experimental Study. Phytotherapy Research, 2017, 31, 152-163.	5.8	18
139	Mycobacterium tuberculosis acyl carrier protein inhibits macrophage apoptotic death by modulating the reactive oxygen species/c-Jun N-terminal kinase pathway. Microbes and Infection, 2019, 21, 40-49.	1.9	17
140	The Peroxisome Proliferator-Activated Receptor Î±- Agonist Gemfibrozil Promotes Defense Against Mycobacterium abscessus Infections. Cells, 2020, 9, 648.	4.1	17
141	New Insights into Vitamin D and Autophagy in Inflammatory Bowel Diseases. Current Medicinal Chemistry, 2017, 24, 898-910.	2.4	17
142	Characterization of Proinflammatory Responses and Innate Signaling Activation in Macrophages Infected withMycobacterium scrofulaceum. Immune Network, 2014, 14, 307.	3.6	16
143	MiR-144-3p is associated with pathological inflammation in patients infected with Mycobacteroides abscessus. Experimental and Molecular Medicine, 2021, 53, 136-149.	7.7	16
144	Mitofusin-2 boosts innate immunity through the maintenance of aerobic glycolysis and activation of xenophagy in mice. Communications Biology, 2021, 4, 548.	4.4	16

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145	Identification of mutations in the Bruton's tyrosine kinase gene, including a novel genomic rearrangements resulting in large deletion, in Korean X-linked agammaglobulinemia patients. Journal of Human Genetics, 2003, 48, 322-326.	2.3	15
146	Role of the Phosphatidylinositol 3-Kinase and Mitogen-Activated Protein Kinase Pathways in the Secretion of Tumor Necrosis Factor-Î± and Interleukin-10 by the PPD Antigen of Mycobacterium tuberculosis. Journal of Clinical Immunology, 2005, 25, 482-490.	3.8	15
147	Diagnosis of pulmonary tuberculosis using MTB12 and 38-kDa antigens. Respirology, 2008, 13, 432-437.	2.3	15
148	Secretory phospholipase A₂ plays an essential role in microglial inflammatory responses to Mycobacterium tuberculosis. Glia, 2009, 57, 1091-1103.	4.9	15
149	Effective suppression of C5a-induced proinflammatory response using anti-human C5a repebody. Biochemical and Biophysical Research Communications, 2016, 477, 1072-1077.	2.1	15
150	Host-Pathogen Dialogues in Autophagy, Apoptosis, and Necrosis during Mycobacterial Infection. Immune Network, 2020, 20, e37.	3.6	15
151	Peroxiredoxin I deficiency attenuates phagocytic capacity of macrophage in clearance of the red blood cells damaged by oxidative stress. BMB Reports, 2012, 45, 560-564.	2.4	15
152	Chemical modulation of SQSTM1/p62-mediated xenophagy that targets a broad range of pathogenic bacteria. Autophagy, 2022, 18, 2926-2945.	9.1	15
153	Depressed interleukin-12 production by peripheral blood mononuclear cells after in vitro stimulation with the 30-kDa antigen in recurrent pulmonary tuberculosis patients. Medical Microbiology and Immunology, 2003, 192, 61-69.	4.8	14
154	Effects of mycobacterial infection on proliferation of hematopoietic precursor cells. Microbes and Infection, 2011, 13, 1252-1260.	1.9	14
155	Mycobacterium fortuituminduces A20 expression that impairs macrophage inflammatory responses. Pathogens and Disease, 2016, 74, ftw015.	2.0	14
156	Sirtuin 3 is essential for host defense against Mycobacterium abscessus infection through regulation of mitochondrial homeostasis. Virulence, 2020, 11, 1225-1239.	4.4	14
157	Autophagy and Host Defense in Nontuberculous Mycobacterial Infection. Frontiers in Immunology, 2021, 12, 728742.	4.8	14
158	Characterization of Mutations, Including a Novel Regulatory Defect in the First Intron, in Brutonâ€™s Tyrosine Kinase Gene from Seven Korean X-Linked Agammaglobulinemia Families. Journal of Immunology, 2001, 167, 4038-4045.	0.8	13
159	Regulatory Mechanisms of Autophagy-Targeted Antimicrobial Therapeutics Against Mycobacterial Infection. Frontiers in Cellular and Infection Microbiology, 2021, 11, 633360.	3.9	13
160	Interleukin-8 Is Differentially Expressed by Human-Derived Monocytic Cell Line U937 Infected withMycobacterium tuberculosisH37Rv andMycobacterium marinum. Infection and Immunity, 2003, 71, 5480-5487.	2.2	12
161	The 30-kDa and 38-kDa antigens from Mycobacterium tuberculosis induce partial maturation of human dendritic cells shifting CD4+ T cell responses towards IL-4 production. BMC Immunology, 2013, 14, 48.	2.2	12
162	Ionizing Radiation Induces Innate Immune Responses in Macrophages by Generation of Mitochondrial Reactive Oxygen Species. Radiation Research, 2016, 187, 32.	1.5	12

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163	Mitofusin 2, a key coordinator between mitochondrial dynamics and innate immunity. Virulence, 2021, 12, 2273-2284.	4.4	11
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