Eun-kyeong Jo

List of Publications by Year in Descending Order

206 papers	13,866 citations	56 h-index	115 g-index
213 ext. papers	16,117 ext. citations	6.4 avg, IF	6.4 L-index

#	Paper	IF	Citations
206	Itaconate, Arginine, and Gamma-Aminobutyric Acid: A Host Metabolite Triad Protective Against Mycobacterial Infection.. *Frontiers in Immunology*, **2022**, 13, 832015	8.4	0
205	Chemical Modulation of SQSTM1/p62-mediated Xenophagy that Targets a Broad Range of Pathogenic Bacteria.. *Autophagy*, **2022**,	10.2	1
204	The dual role of autophagy in acute myeloid leukemia.. *Journal of Hematology and Oncology*, **2022**, 15, 51	22.4	1
203	Arginine-mediated gut microbiome remodeling promotes host pulmonary immune defense against nontuberculous mycobacterial infection.. *Gut Microbes*, **2022**, 14, 2073132	8.8	2
202	Host-Pathogen Interactions Operative during Infection.. *Immune Network*, **2021**, 21, e40	6.1	
201	Roles of Interleukin-17 and Th17 Responses in COVID-19. *Journal of Bacteriology and Virology*, **2021**, 51, 89-102	0.3	
200	Nuclear Receptors in Host-Directed Therapies against Tuberculosis **2021**, 61-67		
199	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	10.2	8
198	Regulatory Mechanisms of Autophagy-Targeted Antimicrobial Therapeutics Against Mycobacterial Infection. *Frontiers in Cellular and Infection Microbiology*, **2021**, 11, 633360	5.9	1
197	An update on the regulatory mechanisms of NLRP3 inflammasome activation. *Cellular and Molecular Immunology*, **2021**, 18, 1141-1160	15.4	66
196	BCG Cell Wall Skeleton As a Vaccine Adjuvant Protects Both Infant and Old-Aged Mice from Influenza Virus Infection. *Biomedicines*, **2021**, 9,	4.8	2
195	Mitofusin-2 boosts innate immunity through the maintenance of aerobic glycolysis and activation of xenophagy in mice. *Communications Biology*, **2021**, 4, 548	6.7	7
194	Frontline Science: Estrogen-related receptor increases poly(I:C)-mediated type I IFN expression in mouse macrophages. *Journal of Leukocyte Biology*, **2021**, 109, 865-875	6.5	0
193	Targeting YAP-p62 signaling axis suppresses the EGFR-TKI-resistant lung adenocarcinoma. *Cancer Medicine*, **2021**, 10, 1405-1417	4.8	1
192	MiR-144-3p is associated with pathological inflammation in patients infected with Mycobacteroides abscessus. *Experimental and Molecular Medicine*, **2021**, 53, 136-149	12.8	9
191	Mitofusin 2, a key coordinator between mitochondrial dynamics and innate immunity. *Virulence*, **2021**, 12, 2273-2284	4.7	1
190	Rufomycin Exhibits Dual Effects Against Infection by Inducing Host Defense and Antimicrobial Activities. *Frontiers in Microbiology*, **2021**, 12, 695024	5.7	0

189	Small heterodimer partner as a predictor of neoadjuvant radiochemotherapy response and survival in patients with rectal cancer: A preliminary study. *Oncology Letters*, **2021**, 22, 708	2.6	
188	Autophagy and Host Defense in Nontuberculous Mycobacterial Infection. *Frontiers in Immunology*, **2021**, 12, 728742	8.4	3
187	The Peroxisome Proliferator-Activated Receptor Agonist Gemfibrozil Promotes Defense Against Infections. *Cells*, **2020**, 9,	7.9	9
186	Inflammasome and Mitophagy Connection in Health and Disease. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	29
185	Mitophagy and Innate Immunity in Infection. *Molecules and Cells*, **2020**, 43, 10-22	3.5	21
184	COVID-19 Patients Upregulate Toll-like Receptor 4-mediated Inflammatory Signaling That Mimics Bacterial Sepsis. *Journal of Korean Medical Science*, **2020**, 35, e343	4.7	77
183	Vitamin D-Cathelicidin Axis: at the Crossroads between Protective Immunity and Pathological Inflammation during Infection. *Immune Network*, **2020**, 20, e12	6.1	35
182	Host-Pathogen Dialogues in Autophagy, Apoptosis, and Necrosis during Mycobacterial Infection. *Immune Network*, **2020**, 20, e37	6.1	7
181	The Roles of Chemokines in Immune Response to Mycobacterial Infection. *Journal of Bacteriology and Virology*, **2020**, 50, 203-217	0.3	0
180	An Interplay Between Autophagy and Immunometabolism for Host Defense Against Mycobacterial Infection. *Frontiers in Immunology*, **2020**, 11, 603951	8.4	9
179	Crosstalks between inflammasome and autophagy in cancer. *Journal of Hematology and Oncology*, **2020**, 13, 100	22.4	27
178	Mitochondrial Reactive Oxygen Species: Double-Edged Weapon in Host Defense and Pathological Inflammation During Infection. *Frontiers in Immunology*, **2020**, 11, 1649	8.4	14
177	Nuclear Receptors as Autophagy-Based Antimicrobial Therapeutics. *Cells*, **2020**, 9,	7.9	5
176	Sirtuin 3 is essential for host defense against infection through regulation of mitochondrial homeostasis. *Virulence*, **2020**, 11, 1225-1239	4.7	6
175	The roles of microRNAs in regulation of autophagy during bacterial infection. *Seminars in Cell and Developmental Biology*, **2020**, 101, 51-58	7.5	14
174	Rufomycin Targets ClpC1 Proteolysis in Mycobacterium tuberculosis and M. abscessus. *Antimicrobial Agents and Chemotherapy*, **2019**, 63,	5.9	32
173	Roles of Autophagy-Related Genes in the Pathogenesis of Inflammatory Bowel Disease. *Cells*, **2019**, 8,	7.9	39
172	Autophagy, Inflammation, and Metabolism (AIM) Center in its second year. *Autophagy*, **2019**, 15, 1829-1833	6.32	

171	Rg6, a rare ginsenoside, inhibits systemic inflammation through the induction of interleukin-10 and microRNA-146a. *Scientific Reports*, **2019**, 9, 4342	4.9	25
170	AMPK-Targeted Effector Networks in Mycobacterial Infection. *Frontiers in Microbiology*, **2019**, 10, 520	5.7	17
169	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	9.3	10
168	Effector Pathways of Toll-like Receptor-inducible Innate Immune Responses in Macrophages. *Journal of Bacteriology and Virology*, **2019**, 49, 12	0.3	0
167	SIRT3 promotes antimycobacterial defenses by coordinating mitochondrial and autophagic functions. *Autophagy*, **2019**, 15, 1356-1375	10.2	44
166	Thiostrepton: A Novel Therapeutic Drug Candidate for Infection. *Molecules*, **2019**, 24,	4.8	12
165	Autophagy-activating strategies to promote innate defense against mycobacteria. *Experimental and Molecular Medicine*, **2019**, 51, 1-10	12.8	29
164	Autophagy: A new strategy for host-directed therapy of tuberculosis. *Virulence*, **2019**, 10, 448-459	4.7	61
163	Conformation-Enabled Total Syntheses of Ohmyungsamycins A and B and Structural Revision of Ohmyungsamycin B. *Angewandte Chemie*, **2018**, 130, 3123-3127	3.6	2
162	Conformation-Enabled Total Syntheses of Ohmyungsamycins A and B and Structural Revision of Ohmyungsamycin B. *Angewandte Chemie - International Edition*, **2018**, 57, 3069-3073	16.4	14
161	ESRRA (estrogen-related receptor) is a key coordinator of transcriptional and post-translational activation of autophagy to promote innate host defense. *Autophagy*, **2018**, 14, 152-168	10.2	42
160	Lysyl-tRNA synthetase-expressing colon spheroids induce M2 macrophage polarization to promote metastasis. *Journal of Clinical Investigation*, **2018**, 128, 5034-5055	15.9	21
159	Pexophagy: Molecular Mechanisms and Implications for Health and Diseases. *Molecules and Cells*, **2018**, 41, 55-64	3.5	40
158	Clinicopathological Profiling of LC3B, an Autophagy Marker, and ESRRA (Estrogen-related Receptor-alpha) in Muscle-invasive Bladder Cancer. *Anticancer Research*, **2018**, 38, 2429-2437	2.3	4
157	AMP-Activated Protein Kinase and Host Defense against Infection. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	25
156	Protective effects of a traditional herbal extract from Stellaria dichotoma var. lanceolata against Mycobacterium abscessus infections. *PLoS ONE*, **2018**, 13, e0207696	3.7	0
155	GABAergic signaling linked to autophagy enhances host protection against intracellular bacterial infections. *Nature Communications*, **2018**, 9, 4184	17.4	77
154	Enhanced Th2 cell differentiation and function in the absence of Nox2. *Allergy: European Journal of Allergy and Clinical Immunology*, **2017**, 72, 252-265	9.3	22

153	PPAR-Activation Mediates Innate Host Defense through Induction of TFEB and Lipid Catabolism. *Journal of Immunology*, **2017**, 198, 3283-3295	5.3	88
152	Functional characterisation of the Drosophila cg6568 gene in host defence against Mycobacterium marinum. *Microbes and Infection*, **2017**, 19, 351-357	9.3	1
151	Inositol polyphosphate multikinase promotes Toll-like receptor-induced inflammation by stabilizing TRAF6. *Science Advances*, **2017**, 3, e1602296	14.3	21
150	Expression of PGC1In glioblastoma multiforme patients. *Oncology Letters*, **2017**, 13, 4055-4076	2.6	6
149	Negative regulators and their mechanisms in NLRP3 inflammasome activation and signaling. *Immunology and Cell Biology*, **2017**, 95, 584-592	5	31
148	The Effects of Staphylococci on the Degranulation of Human Mast Cell-1. *Journal of Bacteriology and Virology*, **2017**, 47, 132	0.3	1
147	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	4.9	28
146	Ohmyungsamycins promote antimicrobial responses through autophagy activation via AMP-activated protein kinase pathway. *Scientific Reports*, **2017**, 7, 3431	4.9	24
145	Activity of LCB01-0371, a Novel Oxazolidinone, against Mycobacterium abscessus. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	32
144	MicroRNA in innate immunity and autophagy during mycobacterial infection. *Cellular Microbiology*, **2017**, 19, e12687	3.9	54
143	MIR144* inhibits antimicrobial responses against Mycobacterium tuberculosis in human monocytes and macrophages by targeting the autophagy protein DRAM2. *Autophagy*, **2017**, 13, 423-441	10.2	83
142	Withanolides against TLR4-Activated Innate Inflammatory Signalling Pathways: A Comparative Computational and Experimental Study. *Phytotherapy Research*, **2017**, 31, 152-163	6.7	11
141	Mycobacterium abscessus ESX-3 plays an important role in host inflammatory and pathological responses during infection. *Microbes and Infection*, **2017**, 19, 5-17	9.3	15
140	Mitochondrial Control of Innate Immunity and Inflammation. *Immune Network*, **2017**, 17, 77-88	6.1	54
139	New Insights into Vitamin D and Autophagy in Inflammatory Bowel Diseases. *Current Medicinal Chemistry*, **2017**, 24, 898-910	4.3	13
138	Ionizing Radiation Induces Innate Immune Responses in Macrophages by Generation of Mitochondrial Reactive Oxygen Species. *Radiation Research*, **2017**, 187, 32-41	3.1	8
137	Effective suppression of C5a-induced proinflammatory response using anti-human C5a repebody. *Biochemical and Biophysical Research Communications*, **2016**, 477, 1072-1077	3.4	11
136	Autophagy induced by AXL receptor tyrosine kinase alleviates acute liver injury via inhibition of NLRP3 inflammasome activation in mice. *Autophagy*, **2016**, 12, 2326-2343	10.2	70

135	Toxoplasma gondii GRA7-Induced TRAF6 Activation Contributes to Host Protective Immunity. *Infection and Immunity*, **2016**, 84, 339-50	3.7	28
134	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
133	Mycobacterium fortuitum induces A20 expression that impairs macrophage inflammatory responses. *Pathogens and Disease*, **2016**, 74,	4.2	7
132	Molecular mechanisms regulating NLRP3 inflammasome activation. *Cellular and Molecular Immunology*, **2016**, 13, 148-59	15.4	670
131	Xenophagy: Autophagy in Direct Pathogen Elimination **2016**, 135-153		1
130	Small Heterodimer Partner and Innate Immune Regulation. *Endocrinology and Metabolism*, **2016**, 31, 17-24	3.5	12
129	Phlorofucofuroeckol Improves Glutamate-Induced Neurotoxicity through Modulation of Oxidative Stress-Mediated Mitochondrial Dysfunction in PC12 Cells. *PLoS ONE*, **2016**, 11, e0163433	3.7	25
128	MiR-146 and miR-125 in the regulation of innate immunity and inflammation. *BMB Reports*, **2016**, 49, 311-8	5.5	92
127	Emerging roles of orphan nuclear receptors in regulation of innate immunity. *Archives of Pharmacal Research*, **2016**, 39, 1491-1502	6.1	9
126	Small heterodimer partner interacts with NLRP3 and negatively regulates activation of the NLRP3 inflammasome. *Nature Communications*, **2015**, 6, 6115	17.4	90
125	Orphan Nuclear Receptor ERR Controls Macrophage Metabolic Signaling and A20 Expression to Negatively Regulate TLR-Induced Inflammation. *Immunity*, **2015**, 43, 80-91	32.3	79
124	MicroRNA-125a Inhibits Autophagy Activation and Antimicrobial Responses during Mycobacterial Infection. *Journal of Immunology*, **2015**, 194, 5355-65	5.3	95
123	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	3.7	26
122	Innate signaling mechanisms controlling Mycobacterium chelonae-mediated CCL2 and CCL5 expression in macrophages. *Journal of Microbiology*, **2015**, 53, 864-74	3	3
121	Mycobacterium massiliense induces inflammatory responses in macrophages through Toll-like receptor 2 and c-Jun N-terminal kinase. *Journal of Clinical Immunology*, **2014**, 34, 212-23	5.7	17
120	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, 155-67	1.9	39
119	Characterization of Proinflammatory Responses and Innate Signaling Activation in Macrophages Infected with Mycobacterium scrofulaceum. *Immune Network*, **2014**, 14, 307-20	6.1	16
118	Toll-like Receptors and NOD-like Receptors in Innate Immune Defense during Pathogenic Infection. *Journal of Bacteriology and Virology*, **2014**, 44, 215	0.3	6

117	The AMPK-PPARGC1A pathway is required for antimicrobial host defense through activation of autophagy. *Autophagy*, **2014**, 10, 785-802	10.2	80
116	Role of Autophagy in Cellular Defense Against Inflammation **2014**, 117-130		
115	A high-affinity protein binder that blocks the IL-6/STAT3 signaling pathway effectively suppresses non-small cell lung cancer. *Molecular Therapy*, **2014**, 22, 1254-1265	11.7	58
114	Crosstalk between autophagy and inflammasomes. *Molecules and Cells*, **2013**, 36, 393-9	3.5	57
113	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	3.7	10
112	Microglial activation of the NLRP3 inflammasome by the priming signals derived from macrophages infected with mycobacteria. *Glia*, **2013**, 61, 441-52	9	45
111	Upregulated NLRP3 inflammasome activation in patients with type 2 diabetes. *Diabetes*, **2013**, 62, 194-204	8.9	457
110	Autophagy as an innate defense against mycobacteria. *Pathogens and Disease*, **2013**, 67, 108-18	4.2	41
109	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, 621-6	3.4	19
108	Roles of autophagy in elimination of intracellular bacterial pathogens. *Frontiers in Immunology*, **2013**, 4, 97	8.4	105
107	TLR3-triggered reactive oxygen species contribute to inflammatory responses by activating signal transducer and activator of transcription-1. *Journal of Immunology*, **2013**, 190, 6368-77	5.3	51
106	Small heterodimer partner-targeting therapy inhibits systemic inflammatory responses through mitochondrial uncoupling protein 2. *PLoS ONE*, **2013**, 8, e63435	3.7	19
105	NLRP3 inflammasome and host protection against bacterial infection. *Journal of Korean Medical Science*, **2013**, 28, 1415-23	4.7	72
104	Autophagy: cellular defense to excessive inflammation. *Microbes and Infection*, **2012**, 14, 119-25	9.3	32
103	Host cell autophagy activated by antibiotics is required for their effective antimycobacterial drug action. *Cell Host and Microbe*, **2012**, 11, 457-68	23.4	186
102	The role of CD38 in Fc receptor (FcR)-mediated phagocytosis in murine macrophages. *Journal of Biological Chemistry*, **2012**, 287, 14502-14	5.4	34
101	The Role of NLR-related Protein 3 Inflammasome in Host Defense and Inflammatory Diseases. *International Neurourology Journal*, **2012**, 16, 2-12	2.6	54
100	Mycobacterial signaling through toll-like receptors. *Frontiers in Cellular and Infection Microbiology*, **2012**, 2, 145	5.9	91

99	Intracellular Signaling Pathways that Regulate Macrophage Chemokine Expression in Response toMycobacterium abscessus. *Journal of Bacteriology and Virology*, **2012**, 42, 121	0.3	3
98	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, 7729-34	11.5	137
97	Mycobacterium abscessus activates the NLRP3 inflammasome via Dectin-1-Syk and p62/SQSTM1. *Immunology and Cell Biology*, **2012**, 90, 601-10	5	60
96	Autophagy and bacterial infectious diseases. *Experimental and Molecular Medicine*, **2012**, 44, 99-108	12.8	82
95	Induction of protective immune responses by a multiantigenic DNA vaccine encoding GRA7 and ROP1 of Toxoplasma gondii. *Vaccine Journal*, **2012**, 19, 666-74		40
94	Peroxiredoxin I deficiency attenuates phagocytic capacity of macrophage in clearance of the red blood cells damaged by oxidative stress. *BMB Reports*, **2012**, 45, 560-4	5.5	12
93	Vitamin D and Human Innate Immunity. *Oxidative Stress and Disease*, **2012**, 223-238		1
92	Effects of mycobacterial infection on proliferation of hematopoietic precursor cells. *Microbes and Infection*, **2011**, 13, 1252-60	9.3	12
91	Mycobacterial Heparin-binding Hemagglutinin Antigen Activates Inflammatory Responses through PI3-K/Akt, NF-B, and MAPK Pathways. *Immune Network*, **2011**, 11, 123-33	6.1	15
90	Antimicrobial Peptides in Innate Immunity against Mycobacteria. *Immune Network*, **2011**, 11, 245-52	6.1	38
89	Toll-like Receptors and Innate Immunity. *Journal of Bacteriology and Virology*, **2011**, 41, 225	0.3	60
88	Endoplasmic reticulum stress pathway-mediated apoptosis in macrophages contributes to the survival of Mycobacterium tuberculosis. *PLoS ONE*, **2011**, 6, e28531	3.7	66
87	Role of autophagy in the host response to microbial infection and potential for therapy. *Current Opinion in Immunology*, **2011**, 23, 65-70	7.8	41
86	IKK-mediated myeloid cell activation exacerbates inflammation and inhibits recovery after spinal cord injury. *European Journal of Immunology*, **2011**, 41, 1266-77	6.1	18
85	Vitamin D is required for IFN-gamma-mediated antimicrobial activity of human macrophages. *Science Translational Medicine*, **2011**, 3, 104ra102	17.5	363
84	Autophagy negatively regulates keratinocyte inflammatory responses via scaffolding protein p62/SQSTM1. *Journal of Immunology*, **2011**, 186, 1248-58	5.3	152
83	The orphan nuclear receptor SHP acts as a negative regulator in inflammatory signaling triggered by Toll-like receptors. *Nature Immunology*, **2011**, 12, 742-51	19.1	142
82	Innate immunity to mycobacteria: vitamin D and autophagy. *Cellular Microbiology*, **2010**, 12, 1026-35	3.9	74

81	Mycobacterial lipoprotein activates autophagy via TLR2/1/CD14 and a functional vitamin D receptor signalling. *Cellular Microbiology*, **2010**, 12, 1648-65	3.9	192
80	Nitric Oxide in Airway Inflammation **2010**, 795-812		
79	Microglial Toll-like receptor 2 contributes to kainic acid-induced glial activation and hippocampal neuronal cell death. *Journal of Biological Chemistry*, **2010**, 285, 39447-57	5.4	50
78	Bacillus calmette-guerin cell wall cytoskeleton enhances colon cancer radiosensitivity through autophagy. *Autophagy*, **2010**, 6, 46-60	10.2	69
77	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, 14851-6	11.5	170
76	Mycobacterium tuberculosis eis regulates autophagy, inflammation, and cell death through redox-dependent signaling. *PLoS Pathogens*, **2010**, 6, e1001230	7.6	235
75	Mycobacterial cell-wall skeleton as a universal vaccine vehicle for antigen conjugation. *Vaccine*, **2010**, 28, 7873-80	4.1	6
74	Endoplasmic reticulum stress response is involved in Mycobacterium tuberculosis protein ESAT-6-mediated apoptosis. *FEBS Letters*, **2010**, 584, 2445-54	3.8	93
73	Phenotypic and genotypic correction of WASP gene mutation in Wiskott-Aldrich syndrome by unrelated cord blood stem cell transplantation. *Journal of Korean Medical Science*, **2009**, 24, 751-4	4.7	1
72	A dual regulatory role of apurinic/apyrimidinic endonuclease 1/redox factor-1 in HMGB1-induced inflammatory responses. *Antioxidants and Redox Signaling*, **2009**, 11, 575-88	8.4	23
71	Apurinic/apyrimidinic endonuclease 1 is a key modulator of keratinocyte inflammatory responses. *Journal of Immunology*, **2009**, 183, 6839-48	5.3	33
70	NADPH oxidase 2 interaction with TLR2 is required for efficient innate immune responses to mycobacteria via cathelicidin expression. *Journal of Immunology*, **2009**, 182, 3696-705	5.3	144
69	Nanoparticles up-regulate tumor necrosis factor-alpha and CXCL8 via reactive oxygen species and mitogen-activated protein kinase activation. *Toxicology and Applied Pharmacology*, **2009**, 238, 160-9	4.6	62
68	Secretory phospholipase A2 plays an essential role in microglial inflammatory responses to Mycobacterium tuberculosis. *Glia*, **2009**, 57, 1091-103	9	8
67	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	5.7	25
66	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	5.7	74
65	Subtle interplay of endogenous bioactive gases (NO, CO and H(2)S) in inflammation. *Archives of Pharmacal Research*, **2009**, 32, 1155-62	6.1	49
64	Role of apoptosis-regulating signal kinase 1 in innate immune responses by Mycobacterium bovis bacillus Calmette-Guﬁn. *Immunology and Cell Biology*, **2009**, 87, 100-7	5	26

63	Innate immune responses to Mycobacterium ulcerans via toll-like receptors and dectin-1 in human keratinocytes. *Cellular Microbiology*, **2009**, 11, 678-92	3.9	59
62	Vitamin D3 induces autophagy in human monocytes/macrophages via cathelicidin. *Cell Host and Microbe*, **2009**, 6, 231-43	23.4	571
61	Glucocorticoid receptor agonist compound K regulates Dectin-1-dependent inflammatory signaling through inhibition of reactive oxygen species. *Life Sciences*, **2009**, 85, 625-33	6.8	33
60	Mycobacterium tuberculosis Induces the Production of Tumor Necrosis Factor-, 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	0.3	15
59	Nitric Oxide Synthesis is Modulated by 1,25-Dihydroxyvitamin D3 and Interferon-gamma in Human Macrophages after Mycobacterial Infection. *Immune Network*, **2009**, 9, 192-202	6.1	16
58	Transcriptional regulatory defects in the first intron of Bruton's tyrosine kinase. *Pediatrics International*, **2008**, 50, 801-5	1.2	1
57	ASK1-p38 MAPK-p47phox activation is essential for inflammatory responses during tuberculosis via TLR2-ROS signalling. *Cellular Microbiology*, **2008**, 10, 741-54	3.9	113
56	Mycobacterium abscessus activates the macrophage innate immune response via a physical and functional interaction between TLR2 and dectin-1. *Cellular Microbiology*, **2008**, 10, 1608-21	3.9	97
55	Mycobacterium tuberculosis lipoprotein-induced association of TLR2 with protein kinase C zeta in lipid rafts contributes to reactive oxygen species-dependent inflammatory signalling in macrophages. *Cellular Microbiology*, **2008**, 10, 1893-905	3.9	54
54	The ginsenoside metabolite compound K, a novel agonist of glucocorticoid receptor, induces tolerance to endotoxin-induced lethal shock. *Journal of Cellular and Molecular Medicine*, **2008**, 12, 1739-53	5.6	58
53	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, 567-71	14.3	29
52	Toll-like receptor 2 contributes to glial cell activation and heme oxygenase-1 expression in traumatic brain injury. *Neuroscience Letters*, **2008**, 431, 123-8	3.3	34
51	Differential cytokine levels and immunoreactivities against Mycobacterium tuberculosis antigens between tuberculous and malignant effusions. *Respiratory Medicine*, **2008**, 102, 280-6	4.6	24
50	Role of microglial IKKbeta in kainic acid-induced hippocampal neuronal cell death. *Brain*, **2008**, 131, 3019-33	11.2	132
49	Mycobacterial interaction with innate receptors: TLRs, C-type lectins, and NLRs. *Current Opinion in Infectious Diseases*, **2008**, 21, 279-86	5.4	128
48	Depressed CCL5 Expression in Human Pulmonary Tuberculosis. *Journal of Bacteriology and Virology*, **2008**, 38, 97	0.3	0
47	Expression of CCL18 (Dendritic Cell-Derived Chemokine) mRNA in Gastric Mucosa Infected with Helicobacter pylori. *Journal of Bacteriology and Virology*, **2008**, 38, 227	0.3	
46	Expression and regulation of the CC-chemokine ligand 20 during human tuberculosis. *Scandinavian Journal of Immunology*, **2008**, 67, 77-85	3.4	26

45	Diagnosis of pulmonary tuberculosis using MTB12 and 38-kDa antigens. *Respirology*, **2008**, 13, 432-7	3.6	14
44	Identification of novel metronidazole-inducible genes in Mycobacterium smegmatis using a customized amplification library. *FEMS Microbiology Letters*, **2008**, 282, 282-9	2.9	6
43	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	10.1	54
42	Elevated Levels of Interferon-inducible Protein-10 (IP)-10/CXCL10, but not of Interferon-□in Patients with Pulmonary Tuberculosis. *Journal of Bacteriology and Virology*, **2007**, 37, 137	0.3	3
41	Differential Roles of Toll-like Receptor (TLR) 2 and 4 between PPD- and 38-kDa-induced Proinflammatory Cytokine Productions in Human Monocytes. *Journal of Bacteriology and Virology*, **2007**, 37, 11	0.3	
40	Identification and Functional analysis of Gene Expression in Mycobacterium tuberculosis-infected Human Monocytic Cells Under Hypoxic Conditions. *Journal of Bacteriology and Virology*, **2007**, 37, 91	0.3	
39	Double-stranded RNA induces iNOS gene expression in Schwann cells, sensory neuronal death, and peripheral nerve demyelination. *Glia*, **2007**, 55, 712-22	9	28
38	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, 382-96	3.9	44
37	Intracellular signalling cascades regulating innate immune responses to Mycobacteria: branching out from Toll-like receptors. *Cellular Microbiology*, **2007**, 9, 1087-98	3.9	211
36	Polymorphisms of interleukin-10 and tumour necrosis factor-alpha genes are associated with newly diagnosed and recurrent pulmonary tuberculosis. *Respirology*, **2007**, 12, 594-8	3.6	39
35	Diacyltrehalose of Mycobacterium tuberculosis inhibits lipopolysaccharide- and mycobacteria-induced proinflammatory cytokine production in human monocytic cells. *FEMS Microbiology Letters*, **2007**, 267, 121-8	2.9	22
34	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	2.9	42
33	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, 583-94	16.6	118
32	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, 14975-83	5.4	225
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