

Jae-Min Yuk

List of Publications by Year in descending order

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65
papers

4,346
citations

136950

32
h-index

118850

62
g-index

65
all docs

65
docs citations

65
times ranked

6791
citing authors

#	ARTICLE	IF	CITATIONS
1	Fenofibrate Exerts Anticancer Effects on Human Cervical Cancer HeLa Cells via Caspase-Dependent Apoptosis and Cell Cycle Arrest. <i>Gynecologic and Obstetric Investigation</i> , 2022, 87, 79-88.	1.6	2
2	Silver nanoparticles induce apoptosis via NOX4-derived mitochondrial reactive oxygen species and endoplasmic reticulum stress in colorectal cancer cells. <i>Nanomedicine</i> , 2021, 16, 1357-1375.	3.3	9
3	FAF1 downregulation by <i>Toxoplasma gondii</i> enables host IRF3 mobilization and promotes parasite growth. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 9460-9472.	3.6	6
4	<i>Trichomonas vaginalis</i> induces apoptosis via ROS and ER stress response through ER-mitochondria crosstalk in SiHa cells. <i>Parasites and Vectors</i> , 2021, 14, 603.	2.5	7
5	RM, a novel resveratrol derivative, attenuates inflammatory responses induced by lipopolysaccharide via selectively increasing the Tollip protein in macrophages: A partial mechanism with therapeutic potential in an inflammatory setting. <i>International Immunopharmacology</i> , 2020, 78, 106072.	3.8	18
6	Adherence of <i>Trichomonas vaginalis</i> to SiHa Cells is Inhibited by Diphenyleneiodonium. <i>Microorganisms</i> , 2020, 8, 1570.	3.6	0
7	Involvement of endoplasmic reticulum stress response and IRE1-mediated ASK1/JNK/Mcl-1 pathways in silver nanoparticle-induced apoptosis of human retinal pigment epithelial cells. <i>Toxicology</i> , 2020, 442, 152540.	4.2	20
8	Silver Nanoparticle-Induced Apoptosis in ARPE-19 Cells Is Inhibited by <i>Toxoplasma gondii</i> ; Pre-Infection Through Suppression of NOX4-Dependent ROS Generation. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 3695-3716.	6.7	22
9	Inflammasome and Mitophagy Connection in Health and Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4714.	4.1	49
10	VEGF Production Is Regulated by the AKT/ERK1/2 Signaling Pathway and Controls the Proliferation of <i>Toxoplasma gondii</i> in ARPE-19 Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 184.	3.9	7
11	4-Hydroxybenzaldehyde Restricts the Intracellular Growth of <i>Toxoplasma gondii</i> by Inducing SIRT1-Mediated Autophagy in Macrophages. <i>Korean Journal of Parasitology</i> , 2020, 58, 7-14.	1.3	12
12	The Role of PI3K/AKT Pathway and NADPH Oxidase 4 in Host ROS Manipulation by <i>Toxoplasma gondii</i> . <i>Korean Journal of Parasitology</i> , 2020, 58, 237-247.	1.3	4
13	Diphenyleneiodonium Induces Growth Inhibition of <i>Toxoplasma gondii</i> through ROS Induction in ARPE-19 Cells. <i>Korean Journal of Parasitology</i> , 2019, 57, 83-92.	1.3	3
14	Omega-3 Polyunsaturated Fatty Acids Prevent <i>Toxoplasma gondii</i> Infection by Inducing Autophagy via AMPK Activation. <i>Nutrients</i> , 2019, 11, 2137.	4.1	16
15	AMPK-Targeted Effector Networks in Mycobacterial Infection. <i>Frontiers in Microbiology</i> , 2019, 10, 520.	3.5	20
16	Therapeutic Potential of Gamma- Irradiated Resveratrol in Ulcerative Colitis via the Anti-Inflammatory Activity and Differentiation of Tolerogenic Dendritic Cells. <i>Cellular Physiology and Biochemistry</i> , 2019, 52, 1117-1138.	1.6	12
17	ESRRA (estrogen-related receptor β) is a key coordinator of transcriptional and post-translational activation of autophagy to promote innate host defense. <i>Autophagy</i> , 2018, 14, 152-168.	9.1	64
18	AMP-Activated Protein Kinase and Host Defense against Infection. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3495.	4.1	46

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19	Protective effects of a traditional herbal extract from <i>Stellaria dichotoma</i> var. <i>lanceolata</i> against <i>Mycobacterium abscessus</i> infections. <i>PLoS ONE</i> , 2018, 13, e0207696.	2.5	7
20	Inositol polyphosphate multikinase promotes Toll-like receptor-induced inflammation by stabilizing TRAF6. <i>Science Advances</i> , 2017, 3, e1602296.	10.3	37
21	NADPH oxidase 4 is required for the generation of macrophage migration inhibitory factor and host defense against <i>Toxoplasma gondii</i> infection. <i>Scientific Reports</i> , 2017, 7, 6361.	3.3	35
22	<i>Trichomonas vaginalis</i> Induces SiHa Cell Apoptosis by NF- κ B Inactivation via Reactive Oxygen Species. <i>BioMed Research International</i> , 2017, 2017, 1-10.	1.9	10
23	<i>Fasciola hepatica</i> : Infection Status of Freshwater Snails Collected from Gangwon-do (Province), Korea. <i>Korean Journal of Parasitology</i> , 2017, 55, 95-98.	1.3	10
24	IL-12 and IL-23 Production in <i>Toxoplasma gondii</i> - or LPS Treated Jurkat T Cells via PI3K and MAPK Signaling Pathways. <i>Korean Journal of Parasitology</i> , 2017, 55, 613-622.	1.3	2
25	Small Heterodimer Partner and Innate Immune Regulation. <i>Endocrinology and Metabolism</i> , 2016, 31, 17.	3.0	21
26	Phlorofucofuroeckol Improves Glutamate-Induced Neurotoxicity through Modulation of Oxidative Stress-Mediated Mitochondrial Dysfunction in PC12 Cells. <i>PLoS ONE</i> , 2016, 11, e0163433.	2.5	35
27	linQ attenuates systemic inflammatory responses via selectively impairing the Myddosome complex formation upon TLR4 ligation. <i>Biochemical Pharmacology</i> , 2016, 121, 52-66.	4.4	14
28	Orphan nuclear receptor SHP regulates iron metabolism through inhibition of BMP6-mediated hepcidin expression. <i>Scientific Reports</i> , 2016, 6, 34630.	3.3	12
29	<i>Toxoplasma gondii</i> GRA7-Induced TRAF6 Activation Contributes to Host Protective Immunity. <i>Infection and Immunity</i> , 2016, 84, 339-350.	2.2	69
30	Assessment of Mitochondrial DNA Content and Mass in Macrophages. <i>Bio-protocol</i> , 2016, 6, .	0.4	0
31	Intracellular Networks of the PI3K/AKT and MAPK Pathways for Regulating <i>Toxoplasma gondii</i> -Induced IL-23 and IL-12 Production in Human THP-1 Cells. <i>PLoS ONE</i> , 2015, 10, e0141550.	2.5	34
32	Innate signaling mechanisms controlling <i>Mycobacterium chelonae</i> -mediated CCL2 and CCL5 expression in macrophages. <i>Journal of Microbiology</i> , 2015, 53, 864-874.	2.8	3
33	Orphan Nuclear Receptor ERR α Controls Macrophage Metabolic Signaling and A20 Expression to Negatively Regulate TLR-Induced Inflammation. <i>Immunity</i> , 2015, 43, 80-91.	14.3	106
34	MicroRNA-125a Inhibits Autophagy Activation and Antimicrobial Responses during Mycobacterial Infection. <i>Journal of Immunology</i> , 2015, 194, 5355-5365.	0.8	132
35	Involvement of PI3K/AKT and MAPK Pathways for TNF- α Production in SiHa Cervical Mucosal Epithelial Cells Infected with <i>Trichomonas vaginalis</i> . <i>Korean Journal of Parasitology</i> , 2015, 53, 371-377.	1.3	10
36	Host immune responses to mycobacterial antigens and their implications for the development of a vaccine to control tuberculosis. <i>Clinical and Experimental Vaccine Research</i> , 2014, 3, 155.	2.2	43

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37	Characterization of Proinflammatory Responses and Innate Signaling Activation in Macrophages Infected with <i>Mycobacterium scrofulaceum</i> . <i>Immune Network</i> , 2014, 14, 307.	3.6	16
38	Role of Autophagy in Cellular Defense Against Inflammation. , 2014, , 117-130.		0
39	A High-Affinity Protein Binder that Blocks the IL-6/STAT3 Signaling Pathway Effectively Suppresses Non-Small Cell Lung Cancer. <i>Molecular Therapy</i> , 2014, 22, 1254-1265.	8.2	68
40	Crosstalk between Autophagy and Inflammasomes. <i>Molecules and Cells</i> , 2013, 36, 393-399.	2.6	66
41	Roles of Autophagy in Elimination of Intracellular Bacterial Pathogens. <i>Frontiers in Immunology</i> , 2013, 4, 97.	4.8	122
42	Small Heterodimer Partner-Targeting Therapy Inhibits Systemic Inflammatory Responses through Mitochondrial Uncoupling Protein 2. <i>PLoS ONE</i> , 2013, 8, e63435.	2.5	26
43	<i>Mycobacterium abscessus</i> activates the NLRP3 inflammasome via Dectin-1-Syk and p62/SQSTM1. <i>Immunology and Cell Biology</i> , 2012, 90, 601-610.	2.3	69
44	Autophagy and bacterial infectious diseases. <i>Experimental and Molecular Medicine</i> , 2012, 44, 99.	7.7	97
45	Host Cell Autophagy Activated by Antibiotics Is Required for Their Effective Antimycobacterial Drug Action. <i>Cell Host and Microbe</i> , 2012, 11, 457-468.	11.0	219
46	Toll-like Receptors and Innate Immunity. <i>Journal of Bacteriology and Virology</i> , 2011, 41, 225.	0.1	67
47	Vitamin D Is Required for IFN- γ -Mediated Antimicrobial Activity of Human Macrophages. <i>Science Translational Medicine</i> , 2011, 3, 104ra102.	12.4	442
48	Autophagy Negatively Regulates Keratinocyte Inflammatory Responses via Scaffolding Protein p62/SQSTM1. <i>Journal of Immunology</i> , 2011, 186, 1248-1258.	0.8	180
49	The orphan nuclear receptor SHP acts as a negative regulator in inflammatory signaling triggered by Toll-like receptors. <i>Nature Immunology</i> , 2011, 12, 742-751.	14.5	167
50	Mycobacterial lipoprotein activates autophagy via TLR2/1/CD14 and a functional vitamin D receptor signalling. <i>Cellular Microbiology</i> , 2010, 12, 1648-1665.	2.1	226
51	<i>Bacillus Calmette-Guerin</i> cell wall cytoskeleton enhances colon cancer radiosensitivity through autophagy. <i>Autophagy</i> , 2010, 6, 46-60.	9.1	74
52	<i>Mycobacterium tuberculosis</i> Eis Regulates Autophagy, Inflammation, and Cell Death through Redox-dependent Signaling. <i>PLoS Pathogens</i> , 2010, 6, e1001230.	4.7	281
53	Nitric Oxide Synthesis is Modulated by 1,25-Dihydroxyvitamin D3 and Interferon- γ in Human Macrophages after Mycobacterial Infection. <i>Immune Network</i> , 2009, 9, 192.	3.6	18
54	A Dual Regulatory Role of Apurinic/Apyrimidinic Endonuclease 1/Redox Factor-1 in HMGB1-Induced Inflammatory Responses. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 575-588.	5.4	24

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55	Apurinic/Apyrimidinic Endonuclease 1 Is a Key Modulator of Keratinocyte Inflammatory Responses. <i>Journal of Immunology</i> , 2009, 183, 6839-6848.	0.8	38
56	Nanoparticles up-regulate tumor necrosis factor- α and CXCL8 via reactive oxygen species and mitogen-activated protein kinase activation. <i>Toxicology and Applied Pharmacology</i> , 2009, 238, 160-169.	2.8	66
57	Secretory phospholipase A ₂ plays an essential role in microglial inflammatory responses to <i>Mycobacterium tuberculosis</i> . <i>Glia</i> , 2009, 57, 1091-1103.	4.9	15
58	Dectin-1 is Inducible and Plays an Essential Role for Mycobacteria-Induced Innate Immune Responses in Airway Epithelial Cells. <i>Journal of Clinical Immunology</i> , 2009, 29, 795-805.	3.8	93
59	Role of apoptosis-regulating signal kinase 1 in innate immune responses by <i>Mycobacterium bovis</i> bacillus Calmette-Guérin. <i>Immunology and Cell Biology</i> , 2009, 87, 100-107.	2.3	31
60	Innate immune responses to <i>Mycobacterium ulcerans</i> via toll-like receptors and dectin-1 in human keratinocytes. <i>Cellular Microbiology</i> , 2009, 11, 678-692.	2.1	68
61	Vitamin D3 Induces Autophagy in Human Monocytes/Macrophages via Cathelicidin. <i>Cell Host and Microbe</i> , 2009, 6, 231-243.	11.0	684
62	Glucocorticoid receptor agonist compound K regulates dectin-1-dependent inflammatory signaling through inhibition of reactive oxygen species. <i>Life Sciences</i> , 2009, 85, 625-633.	4.3	52
63	<i>Mycobacterium abscessus</i> activates the macrophage innate immune response via a physical and functional interaction between TLR2 and dectin-1. <i>Cellular Microbiology</i> , 2008, 10, 1608-1621.	2.1	113
64	<i>Mycobacterium tuberculosis</i> lipoprotein-induced association of TLR2 with protein kinase C η in lipid rafts contributes to reactive oxygen species-dependent inflammatory signalling in macrophages. <i>Cellular Microbiology</i> , 2008, 10, 1893-1905.	2.1	59
65	The ginsenoside metabolite compound K, a novel agonist of glucocorticoid receptor, induces tolerance to endotoxin-induced lethal shock. <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 1739-1753.	3.6	68