Jae Hyang Lim

List of Publications by Year
in descending order

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61 papers	2,217 citations	201658 27 h-index	223791 46 g-index
61 all docs	61 docs citations	61 times ranked	3258 citing authors

#	Article	IF	Citations
1	Vinpocetine inhibits NF-ÎºBâ€“dependent inflammation via an IKK-dependent but PDE-independent mechanism. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 9795-9800.	7.1	203
2	NF-ÎºB Is Essential for Induction of CYLD, the Negative Regulator of NF-ÎºB. Journal of Biological Chemistry, 2004, 279, 36171-36174.	3.4	163
3	CYLD negatively regulates transforming growth factor-Î²-signalling via deubiquitinating Akt. Nature Communications, 2012, 3, 771.	12.8	128
4	Tumor Suppressor CYLD Regulates Acute Lung Injury in Lethal Streptococcus pneumoniae Infections. Immunity, 2007, 27, 349-360.	14.3	127
5	Nontypeable Haemophilus influenzae lipoprotein P6 induces MUC5AC mucin transcription via TLR2â€“TAK1-dependent p38 MAPK-AP1 and IKKÎ²-IÎºBÎ±-NF-ÎºB signaling pathways. Biochemical and Biophysical Research Communications, 2004, 324, 1087-1094.	2.1	122
6	Extracellular Signal-Regulated Kinase 5 SUMOylation Antagonizes Shear Stressâ€“Induced Antiinflammatory Response and Endothelial Nitric Oxide Synthase Expression in Endothelial Cells. Circulation Research, 2008, 102, 538-545.	4.5	116
7	TGF-Î² induces p65 acetylation to enhance bacteria-induced NF-ÎºB activation. EMBO Journal, 2007, 26, 1150-1162.	7.8	86
8	Tumor Suppressor CYLD Acts as a Negative Regulator for Non-Typeable Haemophilus influenza-Induced Inflammation in the Middle Ear and Lung of Mice. PLoS ONE, 2007, 2, e1032.	2.5	79
9	A Novel Role for IÎºB Kinase (IKK) Î± and IKKÎ² in ERK-Dependent Up-Regulation of MUC5AC Mucin Transcription by Streptococcus pneumoniae. Journal of Immunology, 2007, 178, 1736-1747.	0.8	68
10	Ubiquitination-dependent CARM1 degradation facilitates Notch1-mediated podocyte apoptosis in diabetic nephropathy. Cellular Signalling, 2014, 26, 1774-1782.	3.6	60
11	Laminar Flow Activation of ERK5 Protein in Vascular Endothelium Leads to Atheroprotective Effect via NF-E2-related Factor 2 (Nrf2) Activation. Journal of Biological Chemistry, 2012, 287, 40722-40731.	3.4	59
12	Inhibition of PDE4B suppresses inflammation by increasing expression of the deubiquitinase CYLD. Nature Communications, 2013, 4, 1684.	12.8	51
13	Tumor Suppressor Cylindromatosis Acts as a Negative Regulator for Streptococcus pneumoniae-induced NFAT Signaling. Journal of Biological Chemistry, 2008, 283, 12546-12554.	3.4	47
14	CHOP deficiency prevents methylglyoxal-induced myocyte apoptosis and cardiac dysfunction. Journal of Molecular and Cellular Cardiology, 2015, 85, 168-177.	1.9	46
15	The Transforming Growth Factor-Î²-Smad3/4 Signaling Pathway Acts as a Positive Regulator for TLR2 Induction by Bacteria via a Dual Mechanism Involving Functional Cooperation with NF-ÎºB and MAPK Phosphatase 1-dependent Negative Cross-talk with p38 MAPK. Journal of Biological Chemistry, 2006, 281, 22397-22408.	3.4	45
16	CYLD is a crucial negative regulator of innate immune response inEscherichia colipneumonia. Cellular Microbiology, 2008, 10, 2247-2256.	2.1	43
17	Panel 4: Recent Advances in Otitis Media in Molecular Biology, Biochemistry, Genetics, and Animal Models. Otolaryngology - Head and Neck Surgery, 2013, 148, E52-63.	1.9	42
18	MKP1 Regulates the Induction of MUC5AC Mucin by Streptococcus pneumoniae Pneumolysin by Inhibiting the PAK4-JNK Signaling Pathway. Journal of Biological Chemistry, 2008, 283, 30624-30631.	3.4	40

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19	Itch E3 Ubiquitin Ligase Positively Regulates TGF-Î² Signaling to EMT via Smad7 Ubiquitination. Molecules and Cells, 2015, 38, 20-25.	2.6	36
20	ERK5 Inhibition Ameliorates Pulmonary Fibrosis via Regulating Smad3 Acetylation. American Journal of Pathology, 2013, 183, 1758-1768.	3.8	35
21	Statin-Conferred Enhanced Cellular Resistance against Bacterial Pore-Forming Toxins in Airway Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2015, 53, 689-702.	2.9	35
22	Synergistic activation of NF-ÎºB by nontypeable H. influenzae and S. pneumoniae is mediated by CK2, IKKÎ²-IÎºBÎ±, and p38 MAPK. Biochemical and Biophysical Research Communications, 2006, 351, 368-375.	2.1	34
23	EVI1 Acts as an Inducible Negative-Feedback Regulator of NF-ÎºB by Inhibiting p65 Acetylation. Journal of Immunology, 2012, 188, 6371-6380.	0.8	33
24	Deubiquitinase CYLD acts as a negative regulator for bacterium NTHi-induced inflammation by suppressing K63-linked ubiquitination of MyD88. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E165-E171.	7.1	33
25	Glucocorticoids inhibit nontypeable Haemophilus influenzae-induced MUC5AC mucin expression via MAPK phosphatase-1-dependent inhibition of p38 MAPK. Biochemical and Biophysical Research Communications, 2008, 377, 763-768.	2.1	31
26	Phosphodiesterase 4B Mediates Extracellular Signal-regulated Kinase-dependent Up-regulation of Mucin MUC5AC Protein by Streptococcus pneumoniae by Inhibiting cAMP-protein Kinase A-dependent MKP-1 Phosphatase Pathway. Journal of Biological Chemistry, 2012, 287, 22799-22811.	3.4	30
27	Streptococcus pneumoniae synergizes with nontypeable Haemophilus influenzae to induce inflammation via upregulating TLR2. BMC Immunology, 2008, 9, 40.	2.2	29
28	Progress toward a group B streptococcal vaccine. Human Vaccines and Immunotherapeutics, 2018, 14, 1-13.	3.3	29
29	Synergistic induction of nuclear factor-ÎºB by transforming growth factor-Î² and tumour necrosis factor-Î± is mediated by protein kinase A-dependent RelA acetylation. Biochemical Journal, 2009, 417, 583-591.	3.7	27
30	Activation of Epidermal Growth Factor Receptor Is Required for NTHi-Induced NF-ÎºB-Dependent Inflammation. PLoS ONE, 2011, 6, e28216.	2.5	27
31	Synergistic and feedback signaling mechanisms in the regulation of inflammation in respiratory infections. Cellular and Molecular Immunology, 2012, 9, 131-135.	10.5	26
32	Fluvastatin inhibits AGE-induced cell proliferation and migration via an ERK5-dependent Nrf2 pathway in vascular smooth muscle cells. PLoS ONE, 2017, 12, e0178278.	2.5	26
33	Critical role of type 1 plasminogen activator inhibitor (PAI-1) in early host defense against nontypeable Haemophilus influenzae (NTHi) infection. Biochemical and Biophysical Research Communications, 2011, 414, 67-72.	2.1	23
34	Activated protein C prevents methylglyoxal-induced endoplasmic reticulum stress and cardiomyocyte apoptosis via regulation of the AMP-activated protein kinase signaling pathway. Biochemical and Biophysical Research Communications, 2016, 480, 622-628.	2.1	16
35	Development of Oxytolerant Salmonella typhimurium Using Radiation Mutation Technology (RMT) for Cancer Therapy. Scientific Reports, 2020, 10, 3764.	3.3	16
36	Development of a multiplexed opsonophagocytic killing assay (MOPA) for group BStreptococcus. Human Vaccines and Immunotherapeutics, 2018, 14, 67-73.	3.3	15

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37	Long pentraxin PTX3 mediates acute inflammatory responses against pneumococcal infection. Biochemical and Biophysical Research Communications, 2017, 493, 671-676.	2.1	14
38	Serotype-Independent Protection Against Invasive Pneumococcal Infections Conferred by Live Vaccine With lgt Deletion. Frontiers in Immunology, 2019, 10, 1212.	4.8	14
39	PAI-1 inhibits development of chronic otitis media and tympanosclerosis in a mouse model of otitis media. Acta Oto-Laryngologica, 2014, 134, 1231-1238.	0.9	13
40	Vaccination With a Latch Peptide Provides Serotype-Independent Protection Against Group B Streptococcus Infection in Mice. Journal of Infectious Diseases, 2018, 217, 93-102.	4.0	13
41	PAR-1 is a novel mechano-sensor transducing laminar flow-mediated endothelial signaling. Scientific Reports, 2018, 8, 15172.	3.3	12
42	p90RSK Inhibition Ameliorates TGF-Î²1 Signaling and Pulmonary Fibrosis by Inhibiting Smad3 Transcriptional Activity. Cellular Physiology and Biochemistry, 2020, 54, 195-210.	1.6	12
43	Molecular characterization of pneumococcal surface protein K, a potential pneumococcal vaccine antigen. Virulence, 2017, 8, 875-890.	4.4	11
44	Oxidative stress following acute kidney injury causes disruption of lung cell cilia and their release into the bronchoaveolar lavage fluid and lung injury, which are exacerbated by Idh2 deletion. Redox Biology, 2021, 46, 102077.	9.0	11
45	CHOP Deficiency Ameliorates ERK5 Inhibition-Mediated Exacerbation of Streptozotocin-Induced Hyperglycemia and Pancreatic Î²-Cell Apoptosis. Molecules and Cells, 2017, 40, 457-465.	2.6	11
46	Promotion of Cellular and Humoral Immunity against Foot-and-Mouth Disease Virus by Immunization with Virus-Like Particles Encapsulated in Monophosphoryl Lipid A and Liposomes. Vaccines, 2020, 8, 633.	4.4	9
47	Radiation-Inactivated S. gallinarum Vaccine Provides a High Protective Immune Response by Activating Both Humoral and Cellular Immunity. Frontiers in Immunology, 2021, 12, 717556.	4.8	9
48	Laminar flow activation of ERK5 leads to cytoprotective effect via CHIP-mediated p53 ubiquitination in endothelial cells. Anatomy and Cell Biology, 2011, 44, 265.	1.0	8
49	Characterization of humoral and cellular immune features of gamma-irradiated influenza vaccine. Human Vaccines and Immunotherapeutics, 2021, 17, 485-496.	3.3	8
50	<scp>TBX</scp>21 participates in innate immune response by regulating Tollâ€like receptor 2 expression in <scp>S</scp>treptococcus pneumoniae infections. Molecular Oral Microbiology, 2014, 29, 233-243.	2.7	7
51	ERK5 regulates basic fibroblast growth factor-induced type 1 plasminogen activator inhibitor expression and cell proliferation in lung fibroblasts. Life Sciences, 2015, 135, 1-8.	4.3	7
52	PKCÎ¸ Synergizes with TLR-Dependent TRAF6 Signaling Pathway to Upregulate MUC5AC Mucin via CARMA1. PLoS ONE, 2012, 7, e31049.	2.5	7
53	Thein vivoandin vitroRoles of Epithelial Pattern Recognition Receptors in Pneumococcal Infections. Journal of Bacteriology and Virology, 2014, 44, 121.	0.1	6
54	C/EBP homologous protein deficiency inhibits statin-induced myotoxicity. Biochemical and Biophysical Research Communications, 2019, 508, 857-863.	2.1	5

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55	Therapeutic potential of targeting kinase inhibition in patients with idiopathic pulmonary fibrosis. Yeungnam University Journal of Medicine, 2020, 37, 269-276.	1.4	4
56	Regulation of cancer cell death by a novel compound, C604, in a c-Myc-overexpressing cellular environment. European Journal of Pharmacology, 2015, 769, 257-265.	3.5	3
57	Molecular Characteristics of IS 1216 Carrying Multidrug Resistance Gene Cluster in Serotype III/Sequence Type 19 Group B Streptococcus. MSphere, 2021, 6, e0054321.	2.9	3
58	Interleukin-1Î² Participates in the Development of Pneumococcal Acute Lung Injury and Death by Promoting Alveolar Microvascular Leakage. Journal of Bacteriology and Virology, 2015, 45, 93.	0.1	2
59	Salmonella Vaccine Vector System for Foot-and-Mouth Disease Virus and Evaluation of Its Efficacy with Virus-Like Particles. Vaccines, 2021, 9, 22.	4.4	2
60	Role of Coagulation Factor 2 Receptor during Respiratory Pneumococcal Infections. Journal of Bacteriology and Virology, 2016, 46, 319.	0.1	0
61	Role of the transforming growth factor (TGF)-Î²1 and TGF-Î²1 signaling pathway on the pathophysiology of respiratory pneumococcal infections. Yeungnam University Journal of Medicine, 2017, 34, 149-160.	1.4	0