

Li-Chung Hsu

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40
papers

8,236
citations

24
h-index

40
g-index

40
ext. papers

9,218
ext. citations

11.8
avg, IF

4.65
L-index

#	Paper	IF	Citations
40	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
39	Specificity in Toll-like receptor signalling through distinct effector functions of TRAF3 and TRAF6. <i>Nature</i> , 2006 , 439, 204-7	50.4	739
38	Nod2 mutation in Crohn's disease potentiates NF-kappaB activity and IL-1beta processing. <i>Science</i> , 2005 , 307, 734-8	33.3	638
37	Inhibition of NF-kappaB in cancer cells converts inflammation-induced tumor growth mediated by TNFalpha to TRAIL-mediated tumor regression. <i>Cancer Cell</i> , 2004 , 6, 297-305	24.3	501
36	NF-kappaB is a negative regulator of IL-1beta secretion as revealed by genetic and pharmacological inhibition of IKKbeta. <i>Cell</i> , 2007 , 130, 918-31	56.2	488
35	The protein kinase PKR is required for macrophage apoptosis after activation of Toll-like receptor 4. <i>Nature</i> , 2004 , 428, 341-5	50.4	310
34	A NOD2-NALP1 complex mediates caspase-1-dependent IL-1beta secretion in response to Bacillus anthracis infection and muramyl dipeptide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 7803-8	11.5	304
33	I{kappa}B kinase (IKK){beta}, but not IKK{alpha}, is a critical mediator of osteoclast survival and is required for inflammation-induced bone loss. <i>Journal of Experimental Medicine</i> , 2005 , 201, 1677-87	16.6	215
32	Activation of liver X receptors and retinoid X receptors prevents bacterial-induced macrophage apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 17813-8	11.5	173
31	Streptolysin O promotes group A Streptococcus immune evasion by accelerated macrophage apoptosis. <i>Journal of Biological Chemistry</i> , 2009 , 284, 862-71	5.4	117
30	TLR-induced PAI-2 expression suppresses IL-1beta processing via increasing autophagy and NLRP3 degradation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 16079-84	11.5	110
29	TNFalpha induces ABCA1 through NF-kappaB in macrophages and in phagocytes ingesting apoptotic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 3112-7	11.5	92
28	IL-1beta-driven neutrophilia preserves antibacterial defense in the absence of the kinase IKKalpha. <i>Nature Immunology</i> , 2011 , 12, 144-50	19.1	91
27	A five-amino-acid motif in the undefined region of the TLR8 ectodomain is required for species-specific ligand recognition. <i>Molecular Immunology</i> , 2010 , 47, 1083-90	4.3	74
26	Functional interaction of heat shock protein 90 and Beclin 1 modulates Toll-like receptor-mediated autophagy. <i>FASEB Journal</i> , 2011 , 25, 2700-10	0.9	70
25	PITSLRE p110 protein kinases associate with transcription complexes and affect their activity. <i>Journal of Biological Chemistry</i> , 2002 , 277, 2589-96	5.4	67
24	Galectin-3 Enhances Avian H5N1 Influenza A Virus-Induced Pulmonary Inflammation by Promoting NLRP3 Inflammasome Activation. <i>American Journal of Pathology</i> , 2018 , 188, 1031-1042	5.8	56

23	Natural Modulators of Endosomal Toll-Like Receptor-Mediated Psoriatic Skin Inflammation. <i>Journal of Immunology Research</i> , 2017 , 2017, 7807313	4.5	45
22	The pore-forming toxin Hemolysin/cytolysin triggers p38 MAPK-dependent IL-10 production in macrophages and inhibits innate immunity. <i>PLoS Pathogens</i> , 2012 , 8, e1002812	7.6	42
21	Dectin-2 is a primary receptor for NLRP3 inflammasome activation in dendritic cell response to <i>Histoplasma capsulatum</i> . <i>PLoS Pathogens</i> , 2017 , 13, e1006485	7.6	30
20	The ubiquitin ligase ZNRF1 promotes caveolin-1 ubiquitination and degradation to modulate inflammation. <i>Nature Communications</i> , 2017 , 8, 15502	17.4	29
19	The common I172N mutation causes conformational change of cytochrome P450c21 revealed by systematic mutation, kinetic, and structural studies. <i>Journal of Biological Chemistry</i> , 1996 , 271, 3306-10	5.4	29
18	Involvement of M1 Macrophage Polarization in Endosomal Toll-Like Receptors Activated Psoriatic Inflammation. <i>Mediators of Inflammation</i> , 2018 , 2018, 3523642	4.3	28
17	Mycotoxin Patulin Suppresses Innate Immune Responses by Mitochondrial Dysfunction and p62/Sequestosome-1-dependent Mitophagy. <i>Journal of Biological Chemistry</i> , 2016 , 291, 19299-311	5.4	27
16	Transcription of <i>Tnfrsf25</i> is regulated by NF- κ B and p38 via C/EBP β in activated macrophages. <i>PLoS ONE</i> , 2013 , 8, e73153	3.7	21
15	Function and membrane topology of wild-type and mutated cytochrome P-450c21. <i>Biochemical Journal</i> , 1996 , 316 (Pt 1), 325-9	3.8	19
14	Notch Ligand DLL4 Alleviates Allergic Airway Inflammation via Induction of a Homeostatic Regulatory Pathway. <i>Scientific Reports</i> , 2017 , 7, 43535	4.9	18
13	Development of CpG-oligodeoxynucleotides for effective activation of rabbit TLR9 mediated immune responses. <i>PLoS ONE</i> , 2014 , 9, e108808	3.7	13
12	The influence of a caveolin-1 mutant on the function of P-glycoprotein. <i>Scientific Reports</i> , 2016 , 6, 204864.9	4.9	13
11	Association of STAT6 genetic variants with childhood atopic dermatitis in Taiwanese population. <i>Journal of Dermatological Science</i> , 2015 , 79, 222-8	4.3	10
10	The murine G+C-rich promoter binding protein mGPBP is required for promoter-specific transcription. <i>Molecular and Cellular Biology</i> , 2003 , 23, 8773-85	4.8	8
9	Gene expression of P-glycoprotein and cytochrome P450 3A4 in peripheral blood mononuclear cells and correlation with expression in liver. <i>Transplantation Proceedings</i> , 2010 , 42, 834-6	1.1	6
8	Characterization of the consequence of a novel Glu-380 to Asp mutation by expression of functional P450c21 in <i>Escherichia coli</i> . <i>BBA - Proteins and Proteomics</i> , 1999 , 1430, 95-102		5
7	Therapeutic Development Based on the Immunopathogenic Mechanisms of Psoriasis. <i>Pharmaceutics</i> , 2021 , 13,	6.4	3
6	Sp1-like proteins function in the transcription of human ferredoxin genes. <i>Journal of Biomedical Science</i> , 2000 , 7, 144-51	13.3	2

5	Toll-Like Receptor 21 of Chicken and Duck Recognize a Broad Array of Immunostimulatory CpG-oligodeoxynucleotide Sequences. <i>Vaccines</i> , 2020 , 8,	5.3	2
4	ZNRF1 Mediates Epidermal Growth Factor Receptor Ubiquitination to Control Receptor Lysosomal Trafficking and Degradation. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 642625	5.7	1
3	Terminal uridylyltransferase 7 regulates TLR4-triggered inflammation by controlling Regnase-1 mRNA uridylation and degradation. <i>Nature Communications</i> , 2021 , 12, 3878	17.4	1
2	K48/K63-linked polyubiquitination of ATG9A by TRAF6 E3 ligase regulates oxidative stress-induced autophagy.. <i>Cell Reports</i> , 2022 , 38, 110354	10.6	1
1	The role of S100A9 in the interaction between pancreatic ductal adenocarcinoma cells and stromal cells. <i>Cancer Immunology, Immunotherapy</i> , 2021 , 1	7.4	0