

# Li-Chung Hsu

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

9,885  
citations

236612

25  
h-index

288905

40  
g-index

40  
all docs

40  
docs citations

40  
times ranked

21785  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Specificity in Toll-like receptor signalling through distinct effector functions of TRAF3 and TRAF6. <i>Nature</i> , 2006, 439, 204-207.	13.7	836
3	Nod2 Mutation in Crohn's Disease Potentiates NF- $\kappa$ B Activity and IL-1 $\beta$ Processing. <i>Science</i> , 2005, 307, 734-738.	6.0	717
4	Inhibition of NF- $\kappa$ B in cancer cells converts inflammation-induced tumor growth mediated by TNF $\alpha$ to TRAIL-mediated tumor regression. <i>Cancer Cell</i> , 2004, 6, 297-305.	7.7	583
5	NF- $\kappa$ B Is a Negative Regulator of IL-1 $\beta$ Secretion as Revealed by Genetic and Pharmacological Inhibition of IKK $\beta$ . <i>Cell</i> , 2007, 130, 918-931.	13.5	566
6	The protein kinase PKR is required for macrophage apoptosis after activation of Toll-like receptor 4. <i>Nature</i> , 2004, 428, 341-345.	13.7	338
7	A NOD2 $\rightarrow$ NALP1 complex mediates caspase-1-dependent IL-1 $\beta$ secretion in response to <i>Bacillus anthracis</i> infection and muramyl dipeptide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 7803-7808.	3.3	332
8	$\kappa$ 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, 1677-1687.	4.2	236
9	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, 17813-17818.	3.3	199
10	Streptolysin O Promotes Group A Streptococcus Immune Evasion by Accelerated Macrophage Apoptosis. <i>Journal of Biological Chemistry</i> , 2009, 284, 862-871.	1.6	151
11	TLR-induced PAI-2 expression suppresses IL-1 $\beta$ processing via increasing autophagy and NLRP3 degradation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16079-16084.	3.3	130
12	TNF $\alpha$ induces ABCA1 through NF- $\kappa$ B 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, 3112-3117.	3.3	103
13	IL-1 $\beta$ -driven neutrophilia preserves antibacterial defense in the absence of the kinase IKK $\beta$ . <i>Nature Immunology</i> , 2011, 12, 144-150.	7.0	102
14	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, 1083-1090.	1.0	93
15	Functional interaction of heat shock protein 90 and Beclin 1 modulates Toll-like receptor-mediated autophagy. <i>FASEB Journal</i> , 2011, 25, 2700-2710.	0.2	82
16	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.	1.9	79
17	PITSLRE p110 Protein Kinases Associate with Transcription Complexes and Affect Their Activity. <i>Journal of Biological Chemistry</i> , 2002, 277, 2589-2596.	1.6	78
18	Natural Modulators of Endosomal Toll-Like Receptor-Mediated Psoriatic Skin Inflammation. <i>Journal of Immunology Research</i> , 2017, 2017, 1-15.	0.9	60

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19	Involvement of M1 Macrophage Polarization in Endosomal Toll-Like Receptors Activated Psoriatic Inflammation. <i>Mediators of Inflammation</i> , 2018, 2018, 1-14.	1.4	52
20	The ubiquitin ligase ZNRF1 promotes caveolin-1 ubiquitination and degradation to modulate inflammation. <i>Nature Communications</i> , 2017, 8, 15502.	5.8	48
21	The Pore-Forming Toxin $\hat{I}^2$ hemolysin/cytolysin Triggers p38 MAPK-Dependent IL-10 Production in Macrophages and Inhibits Innate Immunity. <i>PLoS Pathogens</i> , 2012, 8, e1002812.	2.1	47
22	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.	2.1	47
23	Mycotoxin Patulin Suppresses Innate Immune Responses by Mitochondrial Dysfunction and p62/Sequestosome-1-dependent Mitophagy. <i>Journal of Biological Chemistry</i> , 2016, 291, 19299-19311.	1.6	36
24	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, 3306-3310.	1.6	35
25	K48/K63-linked polyubiquitination of ATG9A by TRAF6 E3 ligase regulates oxidative stress-induced autophagy. <i>Cell Reports</i> , 2022, 38, 110354.	2.9	34
26	Transcription of <i>Tnfaip3</i> Is Regulated by NF- $\hat{I}^B$ and p38 via C/EBP $\hat{I}^2$ in Activated Macrophages. <i>PLoS ONE</i> , 2013, 8, e73153.	1.1	32
27	Notch Ligand DLL4 Alleviates Allergic Airway Inflammation via Induction of a Homeostatic Regulatory Pathway. <i>Scientific Reports</i> , 2017, 7, 43535.	1.6	25
28	Function and membrane topology of wild-type and mutated cytochrome <i>P&lt;i&gt;450c21</i> . <i>Biochemical Journal</i> , 1996, 316, 325-329.	1.7	21
29	Association of STAT6 genetic variants with childhood atopic dermatitis in Taiwanese population. <i>Journal of Dermatological Science</i> , 2015, 79, 222-228.	1.0	16
30	Development of CpG-Oligodeoxynucleotides for Effective Activation of Rabbit TLR9 Mediated Immune Responses. <i>PLoS ONE</i> , 2014, 9, e108808.	1.1	16
31	The influence of a caveolin-1 mutant on the function of P-glycoprotein. <i>Scientific Reports</i> , 2016, 6, 20486.	1.6	15
32	Therapeutic Development Based on the Immunopathogenic Mechanisms of Psoriasis. <i>Pharmaceutics</i> , 2021, 13, 1064.	2.0	14
33	Terminal uridylyltransferase 7 regulates TLR4-triggered inflammation by controlling Regnase-1 mRNA uridylation and degradation. <i>Nature Communications</i> , 2021, 12, 3878.	5.8	12
34	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.	1.8	10
35	The Murine G+C-Rich Promoter Binding Protein mGPBP Is Required for Promoter-Specific Transcription. <i>Molecular and Cellular Biology</i> , 2003, 23, 8773-8785.	1.1	9
36	Toll-Like Receptor 21 of Chicken and Duck Recognize a Broad Array of Immunostimulatory CpG-oligodeoxynucleotide Sequences. <i>Vaccines</i> , 2020, 8, 639.	2.1	8

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37	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, 834-836.	0.3	7
38	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.	2.1	5
39	Sp1-like proteins function in the transcription of human ferredoxin genes. <i>Journal of Biomedical Science</i> , 2000, 7, 144-151.	2.6	5
40	The role of S100A9 in the interaction between pancreatic ductal adenocarcinoma cells and stromal cells. <i>Cancer Immunology, Immunotherapy</i> , 2022, 71, 705-718.	2.0	5