

# Kuo-I Lin

## List of Publications by Year in descending order

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36  
papers

3,615  
citations

257450

24  
h-index

361022

35  
g-index

38  
all docs

38  
docs citations

38  
times ranked

4521  
citing authors

#	ARTICLE	IF	CITATIONS
1	Blimp-1 Orchestrates Plasma Cell Differentiation by Extinguishing the Mature B Cell Gene Expression Program. <i>Immunity</i> , 2002, 17, 51-62.	14.3	947
2	Blimp-1 Is Required for the Formation of Immunoglobulin Secreting Plasma Cells and Pre-Plasma Memory B Cells. <i>Immunity</i> , 2003, 19, 607-620.	14.3	740
3	Blimp-1-Dependent Repression of Pax-5 Is Required for Differentiation of B Cells to Immunoglobulin M-Secreting Plasma Cells. <i>Molecular and Cellular Biology</i> , 2002, 22, 4771-4780.	2.3	395
4	Commitment of B Lymphocytes to a Plasma Cell Fate Is Associated with Blimp-1 Expression In Vivo. <i>Journal of Immunology</i> , 2000, 165, 5462-5471.	0.8	311
5	Involvement of Histone Demethylase LSD1 in Blimp-1-Mediated Gene Repression during Plasma Cell Differentiation. <i>Molecular and Cellular Biology</i> , 2009, 29, 1421-1431.	2.3	142
6	Streamlined single-cell proteomics by an integrated microfluidic chip and data-independent acquisition mass spectrometry. <i>Nature Communications</i> , 2022, 13, 37.	12.8	85
7	O-GlcNAcylation and its role in the immune system. <i>Journal of Biomedical Science</i> , 2020, 27, 57.	7.0	84
8	Absence of the Transcriptional Repressor Blimp-1 in Hematopoietic Lineages Reveals Its Role in Dendritic Cell Homeostatic Development and Function. <i>Journal of Immunology</i> , 2009, 183, 7039-7046.	0.8	68
9	Vaccination with SARS-CoV-2 spike protein lacking glycan shields elicits enhanced protective responses in animal models. <i>Science Translational Medicine</i> , 2022, 14, eabm0899.	12.4	68
10	Galectin-1 and Galectin-8 Have Redundant Roles in Promoting Plasma Cell Formation. <i>Journal of Immunology</i> , 2011, 187, 1643-1652.	0.8	59
11	Vaccination of monoglycosylated hemagglutinin induces cross-strain protection against influenza virus infections. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 2476-2481.	7.1	58
12	Galectin-1 Promotes Immunoglobulin Production during Plasma Cell Differentiation. <i>Journal of Immunology</i> , 2008, 181, 4570-4579.	0.8	55
13	HLA-B27-mediated activation of TNAP phosphatase promotes pathogenic syndesmophyte formation in ankylosing spondylitis. <i>Journal of Clinical Investigation</i> , 2019, 129, 5357-5373.	8.2	51
14	Suppression of the SOX2 Neural Effector Gene by PRDM1 Promotes Human Germ Cell Fate in Embryonic Stem Cells. <i>Stem Cell Reports</i> , 2014, 2, 189-204.	4.8	44
15	O-GlcNAcylation is required for B cell homeostasis and antibody responses. <i>Nature Communications</i> , 2017, 8, 1854.	12.8	42
16	Inducible deletion of the Blimp-1 gene in adult epidermis causes granulocyte-dominated chronic skin inflammation in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 6476-6481.	7.1	36
17	Regulatory mechanisms of B cell responses and the implication in B cell-related diseases. <i>Journal of Biomedical Science</i> , 2019, 26, 64.	7.0	36
18	The KDM4A/KDM4C/NF- $\kappa$ B and WDR5 epigenetic cascade regulates the activation of B cells. <i>Nucleic Acids Research</i> , 2018, 46, 5547-5560.	14.5	34

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19	Egg-based influenza split virus vaccine with monoglycosylation induces cross-strain protection against influenza virus infections. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 4200-4205.	7.1	31
20	Transcription Factor ABF-1 Suppresses Plasma Cell Differentiation but Facilitates Memory B Cell Formation. <i>Journal of Immunology</i> , 2014, 193, 2207-2217.	0.8	30
21	Temporal regulation of Lsp1 O-GlcNAcylation and phosphorylation during apoptosis of activated B cells. <i>Nature Communications</i> , 2016, 7, 12526.	12.8	28
22	Galectin-1 Restricts Vascular Smooth Muscle Cell Motility Via Modulating Adhesion Force and Focal Adhesion Dynamics. <i>Scientific Reports</i> , 2018, 8, 11497.	3.3	28
23	Intracellular Galectin-9 Enhances Proximal TCR Signaling and Potentiates Autoimmune Diseases. <i>Journal of Immunology</i> , 2020, 204, 1158-1172.	0.8	27
24	NK cell receptor and ligand composition influences the clearance of SARS-CoV-2. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	26
25	Factors That Regulate the Generation of Antibody-Secreting Plasma Cells. <i>Advances in Immunology</i> , 2016, 131, 61-99.	2.2	25
26	Blimp-1 Contributes to the Development and Function of Regulatory B Cells. <i>Frontiers in Immunology</i> , 2019, 10, 1909.	4.8	25
27	Synthesis and Characterization of Sulfated Gal $\alpha$ 1,3/4 $\beta$ GlcNAc Disaccharides through Consecutive Protection/Glycosylation Steps. <i>Chemistry - an Asian Journal</i> , 2013, 8, 1536-1550.	3.3	24
28	Chimeric hemagglutinin vaccine elicits broadly protective CD4 and CD8 T cell responses against multiple influenza strains and subtypes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17757-17763.	7.1	23
29	Uncovering MicroRNA Regulatory Hubs that Modulate Plasma Cell Differentiation. <i>Scientific Reports</i> , 2015, 5, 17957.	3.3	20
30	SUMOylation of Blimp-1 is critical for plasma cell differentiation. <i>EMBO Reports</i> , 2012, 13, 631-637.	4.5	19
31	A non-neutralizing antibody broadly protects against influenza virus infection by engaging effector cells. <i>PLoS Pathogens</i> , 2021, 17, e1009724.	4.7	13
32	Phosphoproteomic analyses reveal that galectin-1 augments the dynamics of B-cell receptor signaling. <i>Journal of Proteomics</i> , 2014, 103, 241-253.	2.4	12
33	Introduction of Genes Into Primary Murine Splenic B Cells Using Retrovirus Vectors. , 2004, 271, 139-148.		11
34	Marginal Zone B Cells Assist With Neutrophil Accumulation to Fight Against Systemic <i>Staphylococcus aureus</i> Infection. <i>Frontiers in Immunology</i> , 2021, 12, 636818.	4.8	8
35	Aberrant distribution and function of plasmacytoid dendritic cells in patients with ankylosing spondylitis are associated with unfolded protein response. <i>Kaohsiung Journal of Medical Sciences</i> , 2020, 36, 441-449.	1.9	8
36	Phosphoproteomics Reveals the Role of Constitutive KAP1 Phosphorylation by B-cell Receptor Signaling in Chronic Lymphocytic Leukemia. <i>Molecular Cancer Research</i> , 2022, 20, 1222-1232.	3.4	1