Seung-Chul Choi

List of Publications by Year
in descending order

23 papers	1,306 citations	623734 14 h-index	752698 20 g-index
23 all docs	23 docs citations	23 times ranked	1670 citing authors

#	Article	IF	Citations
1	Normalization of CD4 ⁺ T cell metabolism reverses lupus. Science Translational Medicine, 2015, 7, 274ra18.	12.4	502
2	Glucose Oxidation Is Critical for CD4+ T Cell Activation in a Mouse Model of Systemic Lupus Erythematosus. Journal of Immunology, 2016, 196, 80-90.	0.8	132
3	Gut microbiota dysbiosis and altered tryptophan catabolism contribute to autoimmunity in lupus-susceptible mice. Science Translational Medicine, 2020, 12, .	12.4	127
4	Inhibition of Glycolysis Reduces Disease Severity in an Autoimmune Model of Rheumatoid Arthritis. Frontiers in Immunology, 2018, 9, 1973.	4.8	104
5	Inhibition of glucose metabolism selectively targets autoreactive follicular helper T cells. Nature Communications, 2018, 9, 4369.	12.8	94
6	Targeting T Cell Activation and Lupus Autoimmune Phenotypes by Inhibiting Glucose Transporters. Frontiers in Immunology, 2019, 10, 833.	4.8	73
7	Immune Cell Metabolism in Systemic Lupus Erythematosus. Current Rheumatology Reports, 2016, 18, 66.	4.7	30
8	The Lupus Susceptibility Gene Pbx1 Regulates the Balance between Follicular Helper T Cell and Regulatory T Cell Differentiation. Journal of Immunology, 2016, 197, 458-469.	0.8	30
9	Metabolic determinants of lupus pathogenesis. Immunological Reviews, 2020, 295, 167-186.	6.0	30
10	Metabolic Factors that Contribute to Lupus Pathogenesis. Critical Reviews in Immunology, 2016, 36, 75-98.	0.5	29
11	Immune metabolism regulation of the germinal center response. Experimental and Molecular Medicine, 2020, 52, 348-355.	7.7	29
12	B cell contribution of the CD4⁺ T cell inflammatory phenotypes in systemic lupus erythematosus. Autoimmunity, 2017, 50, 37-41.	2.6	18
13	Microbiota-mediated skewing of tryptophan catabolism modulates CD4+ TÂcells in lupus-prone mice. IScience, 2022, 25, 104241.	4.1	18
14	Relative Contributions of B Cells and Dendritic Cells from Lupus-Prone Mice to CD4+ T Cell Polarization. Journal of Immunology, 2018, 200, 3087-3099.	0.8	17
15	T cells expressing the lupus susceptibility allele Pbx1d enhance autoimmunity and atherosclerosis in dyslipidemic mice. JCI Insight, 2020, 5, .	5.0	16
16	Efficacy of the Combination of Metformin and CTLA4Ig in the (NZB Ã— NZW)F1 Mouse Model of Lupus Nephritis. ImmunoHorizons, 2020, 4, 319-331.	1.8	14
17	The PBX1 lupus susceptibility gene regulates CD44 expression. Molecular Immunology, 2017, 85, 148-154.	2.2	13
18	Lupus susceptibility gene Esrrg modulates regulatory T cells through mitochondrial metabolism. JCI Insight, 2021, 6, .	5.0	11

#	Article	IF	Citations
19	Pharmacologically Inferred Glycolysis and Glutaminolysis Requirement of B Cells in Lupus-Prone Mice. Journal of Immunology, 2022, 208, 2098-2108.	0.8	9
20	TLR7 Activation Accelerates Cardiovascular Pathology in a Mouse Model of Lupus. Frontiers in Immunology, 0, 13, .	4.8	6
21	Metabolic regulation of follicular helper T cell differentiation in a mouse model of lupus. Immunology Letters, 2022, 247, 13-21.	2.5	4
22	Genetic and cellular dissection of the activation of AM14 rheumatoid factor B cells in a mouse model of lupus. Journal of Leukocyte Biology, 2015, 98, 209-221.	3.3	0
23	EF-03â€…Microbiota-associated tryptophan catabolism induces autoimmune activation in a mouse model of lupus. , 2018, , .		0