

Yoshihiro Baba

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1318355/publications.pdf>

Version: 2024-02-01

36
papers

2,868
citations

331670

21
h-index

315739

38
g-index

41
all docs

41
docs citations

41
times ranked

5137
citing authors

#	ARTICLE	IF	CITATIONS
1	Pyruvate enhances oral tolerance via GPR31. <i>International Immunology</i> , 2022, 34, 343-352.	4.0	4
2	Efficient human-like antibody repertoire and hybridoma production in trans-chromosomal mice carrying megabase-sized human immunoglobulin loci. <i>Nature Communications</i> , 2022, 13, 1841.	12.8	10
3	Special AT-Rich Sequence-Binding Protein 1 Supports Survival and Maturation of Naive B Cells Stimulated by B Cell Receptors. <i>Journal of Immunology</i> , 2022, , ji2101097.	0.8	4
4	Silencing and activating anergic B cells*. <i>Immunological Reviews</i> , 2022, 307, 43-52.	6.0	8
5	MHC class II inhibits the generation of IL-17A ⁺ V β 36 T cells in the thymus at perinatal stage. <i>European Journal of Immunology</i> , 2022, 52, 1366-1368.	2.9	1
6	Quiescent B Cells Acquire Sensitivity to Cell Cycle Arresting Agents by B Cell Receptor Stimulation. <i>Biological and Pharmaceutical Bulletin</i> , 2022, 45, 847-850.	1.4	0
7	Generation and characterization of CD19-iCre mice as a tool for efficient and specific conditional gene targeting in B cells. <i>Scientific Reports</i> , 2021, 11, 5524.	3.3	6
8	ER membrane protein complex 1 interacts with STIM1 and regulates store-operated Ca ²⁺ entry. <i>Journal of Biochemistry</i> , 2021, 170, 483-488.	1.7	4
9	Heterogeneous subsets of B-lineage regulatory cells (Breg cells). <i>International Immunology</i> , 2020, 32, 155-162.	4.0	31
10	TRPM5 Negatively Regulates Calcium-Dependent Responses in Lipopolysaccharide-Stimulated B Lymphocytes. <i>Cell Reports</i> , 2020, 31, 107755.	6.4	10
11	Tet2 and Tet3 in B cells are required to repress CD86 and prevent autoimmunity. <i>Nature Immunology</i> , 2020, 21, 950-961.	14.5	55
12	B Cell Receptor Signaling. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1254, 23-36.	1.6	59
13	GPR40 activation initiates store-operated Ca ²⁺ entry and potentiates insulin secretion via the IP3R1/STIM1/Orai1 pathway in pancreatic β -cells. <i>Scientific Reports</i> , 2019, 9, 15562.	3.3	27
14	The COMMD3/8 complex determines GRK6 specificity for chemoattractant receptors. <i>Journal of Experimental Medicine</i> , 2019, 216, 1630-1647.	8.5	32
15	Sensitive detection of fluorescence in western blotting by merging images. <i>PLoS ONE</i> , 2018, 13, e0191532.	2.5	13
16	The activated conformation of integrin β 7 is a novel multiple myeloma-specific target for CART cell therapy. <i>Nature Medicine</i> , 2017, 23, 1436-1443.	30.7	105
17	UDP-Induced Phagocytosis and ATP-Stimulated Chemotactic Migration Are Impaired in STIM1 ^{hi} Microglia In Vitro and In Vivo. <i>Mediators of Inflammation</i> , 2017, 1-13.	3.0	20
18	Stromal interaction molecule 1 haploinsufficiency causes maladaptive response to pressure overload. <i>PLoS ONE</i> , 2017, 12, e0187950.	2.5	14

#	ARTICLE	IF	CITATIONS
19	LRRK1 is critical in the regulation of B-cell responses and CARMA1-dependent NF- κ B activation. <i>Scientific Reports</i> , 2016, 6, 25738.	3.3	26
20	Sialylation converts arthritogenic IgG into inhibitors of collagen-induced arthritis. <i>Nature Communications</i> , 2016, 7, 11205.	12.8	148
21	Ca ²⁺ signals regulate mitochondrial metabolism by stimulating CREB-mediated expression of the mitochondrial Ca ²⁺ uniporter gene <i>MCU</i> . <i>Science Signaling</i> , 2015, 8, ra23.	3.6	102
22	Signals controlling the development and activity of regulatory B-lineage cells. <i>International Immunology</i> , 2015, 27, 487-493.	4.0	39
23	Role of Calcium Signaling in B Cell Activation and Biology. <i>Current Topics in Microbiology and Immunology</i> , 2015, 393, 143-174.	1.1	44
24	Interleukin-10-Producing Plasmablasts Exert Regulatory Function in Autoimmune Inflammation. <i>Immunity</i> , 2014, 41, 1040-1051.	14.3	450
25	Potent functional uncoupling between STIM1 and Orai1 by dimeric 2-aminodiphenyl borinate analogs. <i>Cell Calcium</i> , 2014, 56, 482-492.	2.4	31
26	Intrinsic Disorder Mediates Cooperative Signal Transduction in STIM1. <i>Journal of Molecular Biology</i> , 2014, 426, 2082-2097.	4.2	24
27	Calcium signaling in B cells: Regulation of cytosolic Ca ²⁺ increase and its sensor molecules, STIM1 and STIM2. <i>Molecular Immunology</i> , 2014, 62, 339-343.	2.2	34
28	STIM1 Controls Neuronal Ca ²⁺ Signaling, mGluR1-Dependent Synaptic Transmission, and Cerebellar Motor Behavior. <i>Neuron</i> , 2014, 82, 635-644.	8.1	162
29	Generation of colonic IgA-secreting cells in the caecal patch. <i>Nature Communications</i> , 2014, 5, 3704.	12.8	121
30	Surf4 modulates STIM1-dependent calcium entry. <i>Biochemical and Biophysical Research Communications</i> , 2012, 422, 615-620.	2.1	37
31	Impact of Ca ²⁺ signaling on B cell function. <i>Trends in Immunology</i> , 2011, 32, 589-594.	6.8	67
32	The Calcium Sensors STIM1 and STIM2 Control B Cell Regulatory Function through Interleukin-10 Production. <i>Immunity</i> , 2011, 34, 703-714.	14.3	235
33	B Cell Signaling and Fate Decision. <i>Annual Review of Immunology</i> , 2010, 28, 21-55.	21.8	290
34	Physiological function and molecular basis of STIM1-mediated calcium entry in immune cells. <i>Immunological Reviews</i> , 2009, 231, 174-188.	6.0	47
35	Essential function for the calcium sensor STIM1 in mast cell activation and anaphylactic responses. <i>Nature Immunology</i> , 2008, 9, 81-88.	14.5	312
36	Coupling of STIM1 to store-operated Ca ²⁺ entry through its constitutive and inducible movement in the endoplasmic reticulum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 16704-16709.	7.1	291