

Reiko Shinkura

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

3,712
citations

147801

31
h-index

233421

45
g-index

51
all docs

51
docs citations

51
times ranked

4080
citing authors

#	ARTICLE	IF	CITATIONS
1	Alymphoplasia is caused by a point mutation in the mouse gene encoding Nf-Î²-inducing kinase. <i>Nature Genetics</i> , 1999, 22, 74-77.	21.4	431
2	Activation-induced cytidine deaminase shuttles between nucleus and cytoplasm like apolipoprotein B mRNA editing catalytic polypeptide 1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 1975-1980.	7.1	271
3	IL-7 receptor Î±+ CD3â€“ cells in the embryonic intestine induces the organizing center of Peyer's patches. <i>International Immunology</i> , 1999, 11, 643-655.	4.0	267
4	Mice carrying a knock-in mutation of <i>Aicda</i> resulting in a defect in somatic hypermutation have impaired gut homeostasis and compromised mucosal defense. <i>Nature Immunology</i> , 2011, 12, 264-270.	14.5	227
5	Separate domains of AID are required for somatic hypermutation and class-switch recombination. <i>Nature Immunology</i> , 2004, 5, 707-712.	14.5	199
6	The influence of transcriptional orientation on endogenous switch region function. <i>Nature Immunology</i> , 2003, 4, 435-441.	14.5	193
7	Oral administration of lipopolysaccharides activates B-1 cells in the peritoneal cavity and lamina propria of the gut and induces autoimmune symptoms in an autoantibody transgenic mouse.. <i>Journal of Experimental Medicine</i> , 1994, 180, 111-121.	8.5	168
8	WAVE2 deficiency reveals distinct roles in embryogenesis and Rac-mediated actin-based motility. <i>EMBO Journal</i> , 2003, 22, 3602-3612.	7.8	160
9	Growth Retardation, Early Death, and DNA Repair Defects in Mice Deficient for the Nucleotide Excision Repair Enzyme XPF. <i>Molecular and Cellular Biology</i> , 2004, 24, 1200-1205.	2.3	145
10	High-affinity monoclonal IgA regulates gut microbiota and prevents colitis in mice. <i>Nature Microbiology</i> , 2016, 1, 16103.	13.3	128
11	Alymphoplasia (aly)-Type Nuclear Factor Î²â€“Inducing Kinase (Nik) Causes Defects in Secondary Lymphoid Tissue Chemokine Receptor Signaling and Homing of Peritoneal Cells to the Gut-Associated Lymphatic Tissue System. <i>Journal of Experimental Medicine</i> , 2000, 191, 1477-1486.	8.5	118
12	Uracil DNA Glycosylase Activity Is Dispensable for Immunoglobulin Class Switch. <i>Science</i> , 2004, 305, 1160-1163.	12.6	112
13	B cellâ€“specific and stimulation-responsive enhancers derepress <i>Aicda</i> by overcoming the effects of silencers. <i>Nature Immunology</i> , 2010, 11, 148-154.	14.5	111
14	Discovery of Activationâ€“Induced Cytidine Deaminase, the Engraver of Antibody Memory. <i>Advances in Immunology</i> , 2007, 94, 1-36.	2.2	105
15	AID to overcome the limitations of genomic information. <i>Nature Immunology</i> , 2005, 6, 655-661.	14.5	91
16	Autoimmune disease of exocrine organs in immunodeficient alymphoplasia mice: a spontaneous model for SjÃ¶gren's syndrome. <i>European Journal of Immunology</i> , 1996, 26, 2742-2748.	2.9	86
17	Lineage-Restricted Function of Nuclear Factor Î²â€“Inducing Kinase (Nik) in Transducing Signals via Cd40. <i>Journal of Experimental Medicine</i> , 2000, 191, 381-386.	8.5	67
18	AID-induced decrease in topoisomerase 1 induces DNA structural alteration and DNA cleavage for class switch recombination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 22375-22380.	7.1	66

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19	Defects of somatic hypermutation and class switching in alymphoplasia (aly) mutant mice. <i>International Immunology</i> , 1996, 8, 1067-1075.	4.0	57
20	The C-terminal region of activation-induced cytidine deaminase is responsible for a recombination function other than DNA cleavage in class switch recombination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 2758-2763.	7.1	57
21	Mx2-interacting nuclear target protein (Mint) deficiency reveals negative regulation of early thymocyte differentiation by Notch/RBP-J signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 1610-1615.	7.1	50
22	MZB1 promotes the secretion of J-chain-containing dimeric IgA and is critical for the suppression of gut inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 13480-13489.	7.1	50
23	Thioredoxin Inhibits Tumor Necrosis Factor- or Interleukin-1-Induced NF- κ B Activation at a Level Upstream of NF- κ B-Inducing Kinase. <i>Antioxidants and Redox Signaling</i> , 2000, 2, 83-92.	5.4	49
24	Intestinal IgA as a modulator of the gut microbiota. <i>Gut Microbes</i> , 2017, 8, 486-492.	9.8	49
25	Deficiency in the Nuclease Activity of Xeroderma Pigmentosum C in Mice Leads to Hypersensitivity to UV Irradiation. <i>Molecular and Cellular Biology</i> , 2004, 24, 2237-2242.	2.3	43
26	Requirement of Non-canonical Activity of Uracil DNA Glycosylase for Class Switch Recombination. <i>Journal of Biological Chemistry</i> , 2007, 282, 731-742.	3.4	43
27	De novo protein synthesis is required for activation-induced cytidine deaminase-dependent DNA cleavage in immunoglobulin class switch recombination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 13003-13007.	7.1	39
28	Histone chaperone Spt6 is required for class switch recombination but not somatic hypermutation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7920-7925.	7.1	38
29	Generation of a conditional knockout allele for mammalian Spen protein Mint/SHARP. <i>Genesis</i> , 2007, 45, 300-306.	1.6	37
30	Apex2 is required for efficient somatic hypermutation but not for class switch recombination of immunoglobulin genes. <i>International Immunology</i> , 2009, 21, 947-955.	4.0	37
31	Dissociation of <i>in vitro</i> DNA deamination activity and physiological functions of AID mutants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 15866-15871.	7.1	32
32	Myelin Basic Protein as a Novel Genetic Risk Factor in Rheumatoid Arthritis—A Genome-Wide Study Combined with Immunological Analyses. <i>PLoS ONE</i> , 2011, 6, e20457.	2.5	29
33	Identification of a Specific Domain Required for Dimerization of Activation-induced Cytidine Deaminase. <i>Journal of Biological Chemistry</i> , 2006, 281, 19115-19123.	3.4	23
34	Molecular mechanism for generation of antibody memory. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 569-575.	4.0	22
35	AID-induced T-lymphoma or B-leukemia/lymphoma in a mouse BMT model. <i>Leukemia</i> , 2010, 24, 1018-1024.	7.2	22
36	Decreased Taxon-Specific IgA Response in Relation to the Changes of Gut Microbiota Composition in the Elderly. <i>Frontiers in Microbiology</i> , 2017, 8, 1757.	3.5	21

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37	Mechanism of B1 cell differentiation and migration in GALT. <i>Current Topics in Microbiology and Immunology</i> , 2000, 252, 221-229.	1.1	18
38	Accelerated Systemic Autoimmunity in the Absence of Somatic Hypermutation in 564Igi: A Mouse Model of Systemic Lupus with Knocked-In Heavy and Light Chain Genes. <i>Frontiers in Immunology</i> , 2017, 8, 1094.	4.8	16
39	Regulation of AID Function In Vivo. , 2007, 596, 71-81.		12
40	Functional production of human antibody by the filamentous fungus <i>Aspergillus oryzae</i> . <i>Fungal Biology and Biotechnology</i> , 2020, 7, 7.	5.1	9
41	W27 IgA suppresses growth of <i>Escherichia</i> in an in vitro model of the human intestinal microbiota. <i>Scientific Reports</i> , 2021, 11, 14627.	3.3	4
42	Molecular basis for the involvement of thymidine phosphorylase in cancer invasion. <i>International Journal of Molecular Medicine</i> , 2006, 17, 1085.	4.0	3
43	Therapeutic immunoglobulin A antibody for dysbiosis-related diseases. <i>International Immunology</i> , 2021, 33, 787-790.	4.0	2
44	Gut IgA puts pathogens under pressure. <i>Nature Microbiology</i> , 2021, 6, 826-827.	13.3	1
45	Oral Corticosteroids Impair Mucin Production and Alter the Posttransplantation Microbiota in the Gut. <i>Digestion</i> , 2022, 103, 269-286.	2.3	1
46	Integrin CD11b provides a new marker of pre-germinal center IgA+ B cells in murine Peyer's patches. <i>International Immunology</i> , 2022, 34, 249-262.	4.0	1
47	AID to overcome the limitations of genomic information by introducing somatic DNA alterations. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2006, 82, 104-120.	3.8	0
48	Author's reply: Apex2 is required for efficient somatic hypermutation but not for class switch recombination of immunoglobulin genes. <i>International Immunology</i> , 2010, 22, 213-214.	4.0	0
49	The 49th Annual Meeting of the Japanese Society for Immunology: COVID-19 and Immunity. <i>International Immunology</i> , 2021, 33, 193-196.	4.0	0
50	Control Mechanism of the Intestinal Bacteria by IgA Antibody. <i>Kagaku To Seibutsu</i> , 2017, 55, 596-601.	0.0	0