Akihiko Nishikimi

List of Publications by Year
in descending order

46 papers	1,995 citations	257450 24 h-index	243625 44 g-index
46 all docs	46 docs citations	46 times ranked	3165 citing authors

#	Article	IF	Citations
1	Prevalence of SARS-CoV-2 antibodies after one-year follow up among workers in a research institute in Japan. Journal of Infection, 2022, 84, e23-e25.	3.3	3
2	The immunosenescence-related factor DOCK11 is involved in secondary immune responses of B cells. Immunity and Ageing, 2022, 19, 2.	4.2	1
3	Immune responses to COVID-19 vaccine BNT162b2 in workers at a research institute in Japan: 6-month follow-up survey. Journal of Infection, 2022, 85, 174-211.	3.3	2
4	Seroprevalence of antibodies against SARS-CoV-2 among workers in a national research institute and hospital in Central Japan. GHM Open, 2021, 1, 40-42.	0.6	2
5	Cul5-type Ubiquitin Ligase KLHDC1 Contributes to the Elimination of Truncated SELENOS Produced by Failed UGA/Sec Decoding. IScience, 2020, 23, 100970.	4.1	12
6	Phosphatidic acid regulates subcellular distribution of RA-GEFs critical for chemokine-dependent migration. Biochemical and Biophysical Research Communications, 2020, 524, 325-331.	2.1	4
7	Collagenâ€derived peptides modulate CD4⁺ Tâ€cell differentiation and suppress allergic responses in mice. Immunity, Inflammation and Disease, 2018, 6, 245-255.	2.7	25
8	The Rac Activator DOCK2 Mediates Plasma Cell Differentiation and IgG Antibody Production. Frontiers in Immunology, 2018, 9, 243.	4.8	17
9	Ubiquitin ligase SPSB4 diminishes cell repulsive responses mediated by EphB2. Molecular Biology of the Cell, 2017, 28, 3532-3541.	2.1	12
10	Parallel Regulation of von Hippel-Lindau Disease by pVHL-Mediated Degradation of B-Myb and Hypoxia-Inducible Factor Î±. Molecular and Cellular Biology, 2016, 36, 1803-1817.	2.3	20
11	ASB7 regulates spindle dynamics and genome integrity by targeting DDA3 for proteasomal degradation. Journal of Cell Biology, 2016, 215, 95-106.	5.2	19
12	Dual functions of Rap1 are crucial for T-cell homeostasis and prevention of spontaneous colitis. Nature Communications, 2015, 6, 8982.	12.8	28
13	DOCK2 and DOCK5 Act Additively in Neutrophils To Regulate Chemotaxis, Superoxide Production, and Extracellular Trap Formation. Journal of Immunology, 2014, 193, 5660-5667.	0.8	60
14	Rab13 acts downstream of the kinase Mst1 to deliver the integrin LFA-1 to the cell surface for lymphocyte trafficking. Science Signaling, 2014, 7, ra72.	3.6	59
15	DOCK5 functions as a key signaling adaptor that links FcÎµRI signals to microtubule dynamics during mast cell degranulation. Journal of Experimental Medicine, 2014, 211, 1407-1419.	8.5	40
16	DOCK5 functions as a key signaling adaptor that links FcÎµRI signals to microtubule dynamics during mast cell degranulation. Journal of Cell Biology, 2014, 205, 2056OIA110.	5.2	0
17	The Cell Polarity Protein mInsc Regulates Neutrophil Chemotaxis via a Noncanonical G Protein Signaling Pathway. Developmental Cell, 2013, 26, 292-302.	7.0	64
18	Immune regulatory functions of DOCK family proteins in health and disease. Experimental Cell Research, 2013, 319, 2343-2349.	2.6	70

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19	Phosphatidic Acid-dependent Recruitment and Function of the Rac Activator DOCK1 during Dorsal Ruffle Formation. Journal of Biological Chemistry, 2013, 288, 8092-8100.	3.4	46
20	The Rac activator DOCK2 regulates natural killer cellâ€“mediated cytotoxicity in mice through the lytic synapse formation. Blood, 2013, 122, 386-393.	1.4	39
21	Structural basis for mutual relief of the Rac guanine nucleotide exchange factor DOCK2 and its partner ELMO1 from their autoinhibited forms. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3305-3310.	7.1	95
22	Next-generation sequencing coupled with a cell-free display technology for high-throughput production of reliable interactome data. Scientific Reports, 2012, 2, 691.	3.3	25
23	DOCK8 is a Cdc42 activator critical for interstitial dendritic cell migration during immune responses. Blood, 2012, 119, 4451-4461.	1.4	200
24	Dimerization of DOCK2 Is Essential for DOCK2-Mediated Rac Activation and Lymphocyte Migration. PLoS ONE, 2012, 7, e46277.	2.5	27
25	Blockade of Inflammatory Responses by a Small-Molecule Inhibitor of the Rac Activator DOCK2. Chemistry and Biology, 2012, 19, 488-497.	6.0	65
26	DOCK180 Is a Rac Activator That Regulates Cardiovascular Development by Acting Downstream of CXCR4. Circulation Research, 2010, 107, 1102-1105.	4.5	46
27	Selective control of type I IFN induction by the Rac activator DOCK2 during TLR-mediated plasmacytoid dendritic cell activation. Journal of Experimental Medicine, 2010, 207, 721-730.	8.5	100
28	Sequential Regulation of DOCK2 Dynamics by Two Phospholipids During Neutrophil Chemotaxis. Science, 2009, 324, 384-387.	12.6	260
29	Differential requirement for DOCK2 in migration of plasmacytoid dendritic cells versus myeloid dendritic cells. Blood, 2008, 111, 2973-2976.	1.4	67
30	T helper type 2 differentiation and intracellular trafficking of the interleukin 4 receptor-Î± subunit controlled by the Rac activator Dock2. Nature Immunology, 2007, 8, 1067-1075.	14.5	70
31	A reducing and denaturing step maximizes the immunoprecipitations of m-calpain and I-2PP2A/SET: An approach toward antibodies that do not work well in immunoprecipitation. Journal of Proteomics, 2006, 68, 65-68.	2.4	3
32	DOCK2 is a Rac activator that regulates motility and polarity during neutrophil chemotaxis. Journal of Cell Biology, 2006, 174, 647-652.	5.2	201
33	DOCK2 is a Rac activator that regulates motility and polarity during neutrophil chemotaxis. Journal of Experimental Medicine, 2006, 203, i23-i23.	8.5	0
34	Expression of TARSH gene in MEFs senescence and its potential implication in human lung cancer. Biochemical and Biophysical Research Communications, 2005, 329, 1031-1038.	2.1	16
35	Zizimin2: a novel, DOCK180-related Cdc42 guanine nucleotide exchange factor expressed predominantly in lymphocytes. FEBS Letters, 2005, 579, 1039-1046.	2.8	56
36	Protein phosphatase 1, but not protein phosphatase 2A, dephosphorylates DNA-damaging stress-induced phospho-serine 15 of p53. FEBS Letters, 2004, 567, 171-174.	2.8	38

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37	Involvement of IL-1 family proteins in p38 linked cellular senescence of mouse embryonic fibroblasts. FEBS Letters, 2004, 575, 30-34.	2.8	26
38	GADD34 induces p53 phosphorylation and p21/WAF1 transcription. Journal of Cellular Biochemistry, 2003, 90, 1242-1249.	2.6	48
39	Nuclear Translocation of a Pre-mRNA Splicing Factor, p100prp1/zer1/prp6, in Mouse 1-cell Embryos.. Journal of Reproduction and Development, 2002, 48, 257-263.	1.4	1
40	Tributyltin interacts with mitochondria and induces cytochrome c release. Biochemical Journal, 2001, 356, 621.	3.7	29
41	Involvement of glycolytic metabolism in developmental inhibition of rat two-cell embryos by phosphate. The Journal of Experimental Zoology, 2000, 287, 503-509.	1.4	11
42	cDNA cloning of bovine midkine and production of the recombinant protein, which affects in vitro maturation of bovine oocytes. Molecular Reproduction and Development, 2000, 57, 99-107.	2.0	17
43	Nuclear Translocation of Nuclear Factor Kappa B in Early 1-Cell Mouse Embryos1. Biology of Reproduction, 1999, 60, 1536-1541.	2.7	49
44	A novel mammalian nuclear protein similar to Schizosaccharomyces pombe Prp1p/Zer1p and Saccharomyces cerevisiae Prp6p pre-mRNA splicing factors. BBA - Proteins and Proteomics, 1999, 1435, 147-152.	2.1	9
45	Inhibitory effect of phosphate on in vitro development of 2-cell rat embryos is overcome by a factor(s) in oviductal extracts. FEBS Letters, 1999, 462, 71-74.	2.8	2
46	Evaluation of acrosomal status of bovine spermatozoa using concanavalin a lectin. Theriogenology, 1997, 48, 1007-1016.	2.1	11