Takehito Uruno

List of Publications by Year
in descending order

38 papers	2,029 citations	304743 22 h-index	315739 38 g-index
39 all docs	39 docs citations	39 times ranked	2981 citing authors

#	Article	IF	Citations
1	Cancer-derived cholesterol sulfate is a key mediator to prevent tumor infiltration by effector T cells. International Immunology, 2022, 34, 277-289.	4.0	12
2	Pharmacological intervention of cholesterol sulfate-mediated T cell exclusion promotes antitumor immunity. Biochemical and Biophysical Research Communications, 2022, 609, 183-188.	2.1	7
3	Identification of a functional <scp>DOCK8</scp> gene polymorphism associated with atopic dermatitis. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 3670-3672.	5.7	1
4	DOCK8 controls survival of group 3 innate lymphoid cells in the gut through Cdc42 activation. International Immunology, 2021, 33, 149-160.	4.0	4
5	A conserved PI(4,5)P2â€“binding domain is critical for immune regulatory function of DOCK8. Life Science Alliance, 2021, 4, e202000873.	2.8	9
6	DOCK8 deficiency causes a skewing to type 2 immunity in the gut with expansion of group 2 innate lymphoid cells. Biochemical and Biophysical Research Communications, 2021, 559, 135-140.	2.1	9
7	Targeted inhibition of EPAS1-driven IL-31 production by a small-molecule compound. Journal of Allergy and Clinical Immunology, 2021, 148, 633-638.	2.9	4
8	DOCK family proteins: key players in immune surveillance mechanisms. International Immunology, 2020, 32, 5-15.	4.0	56
9	Selective role of neurokinin B in IL-31â€“induced itch response in mice. Journal of Allergy and Clinical Immunology, 2019, 144, 1130-1133.e8.	2.9	23
10	S100A4 Protein Is Essential for the Development of Mature Microfold Cells in Peyerâ€™s Patches. Cell Reports, 2019, 29, 2823-2834.e7.	6.4	25
11	DOCK1 inhibition suppresses cancer cell invasion and macropinocytosis induced by self-activating Rac1P29S mutation. Biochemical and Biophysical Research Communications, 2018, 497, 298-304.	2.1	20
12	Cholesterol sulfate is a DOCK2 inhibitor that mediates tissue-specific immune evasion in the eye. Science Signaling, 2018, 11, .	3.6	29
13	The Rac Activator DOCK2 Mediates Plasma Cell Differentiation and IgG Antibody Production. Frontiers in Immunology, 2018, 9, 243.	4.8	17
14	The transcription factor EPAS1 links DOCK8 deficiency to atopic skin inflammation via IL-31 induction. Nature Communications, 2017, 8, 13946.	12.8	64
15	Targeting Ras-Driven Cancer Cell Survival and Invasion through Selective Inhibition of DOCK1. Cell Reports, 2017, 19, 969-980.	6.4	51
16	Thymic epithelial cellâ€“specific deletion of Jmjd6 reduces Aire protein expression and exacerbates disease development in a mouse model of autoimmune diabetes. Biochemical and Biophysical Research Communications, 2017, 489, 8-13.	2.1	8
17	DOCK8 Protein Regulates Macrophage Migration through Cdc42 Protein Activation and LRAP35a Protein Interaction. Journal of Biological Chemistry, 2017, 292, 2191-2202.	3.4	23
18	Intronic regulation of Aire expression by Jmjd6 for self-tolerance induction in the thymus. Nature Communications, 2015, 6, 8820.	12.8	29

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19	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
20	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
21	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
22	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
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	Molecular Basis for Barbed End Uncapping by CARMIL Homology Domain 3 of Mouse CARMIL-1. Journal of Biological Chemistry, 2010, 285, 29014-29026.	3.4	27
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	Purification of capping protein using the capping protein binding site of CARMIL as an affinity matrix. Protein Expression and Purification, 2009, 67, 113-119.	1.3	4
29	CARMIL Is a Potent Capping Protein Antagonist. Journal of Biological Chemistry, 2006, 281, 10635-10650.	3.4	56
30	Interaction of cortactin and Arp2/3 complex is required for sphingosine-1-phosphate-induced endothelial cell remodeling. Experimental Cell Research, 2004, 298, 107-121.	2.6	32
31	Sequential Interaction of Actin-related Proteins 2 and 3 (Arp2/3) Complex with Neural Wiscott-Aldrich Syndrome Protein (N-WASP) and Cortactin during Branched Actin Filament Network Formation. Journal of Biological Chemistry, 2003, 278, 26086-26093.	3.4	81
32	Haematopoietic lineage cell-specific protein 1 (HS1) promotes actin-related protein (Arp) 2/3 complex-mediated actin polymerization. Biochemical Journal, 2003, 371, 485-493.	3.7	75
33	Osmotic stress-induced remodeling of the cortical cytoskeleton. American Journal of Physiology - Cell Physiology, 2002, 283, C850-C865.	4.6	137
34	Activation of Arp2/3 complex-mediated actin polymerization by cortactin. Nature Cell Biology, 2001, 3, 259-266.	10.3	510
35	The C-terminal Region of Fibroblast Growth Factor-1 is Crucial for its Biological Activity and High Level Protein Expression in Mammalian Cells. Growth Factors, 1999, 16, 191-200.	1.7	5
36	Distinct Regulation of Myoblast Differentiation by Intracellular and Extracellular Fibroblast Growth Factor-1. Growth Factors, 1999, 17, 93-113.	1.7	11

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37	Fibroblast growth factor-1 interacts with the glucose-regulated protein GRP75/mortalin. Biochemical Journal, 1999, 343, 461.	3.7	28
38	Expression of the fibroblast growth factor family and their receptor family genes during mouse brain development. Molecular Brain Research, 1996, 41, 279-288.	2.3	84