

Satoru Yuzawa

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

951
citations

623734

14
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

1285
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Basis for Activation of the Receptor Tyrosine Kinase KIT by Stem Cell Factor. <i>Cell</i> , 2007, 130, 323-334.	28.9	290
2	NMR Solution Structure of the Tandem Src Homology 3 Domains of p47 Complexed with a p22 -derived Proline-rich Peptide. <i>Journal of Biological Chemistry</i> , 2006, 281, 3660-3668.	3.4	72
3	Contacts between membrane proximal regions of the PDGF receptor ectodomain are required for receptor activation but not for receptor dimerization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 7681-7686.	7.1	71
4	Solution structure of the SH2 domain of Grb2 complexed with the Shc-derived phosphotyrosine-containing peptide. <i>Journal of Molecular Biology</i> , 1999, 289, 439-445.	4.2	63
5	A molecular mechanism for autoinhibition of the tandem SH3 domains of p47phox, the regulatory subunit of the phagocyte NADPH oxidase. <i>Genes To Cells</i> , 2004, 9, 443-456.	1.2	63
6	Structural basis for interaction between the conserved cell polarity proteins Inscuteable and Leu-Gly-Asn repeat-enriched protein (LGN). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 19210-19215.	7.1	62
7	Full-length p40phox structure suggests a basis for regulation mechanism of its membrane binding. <i>EMBO Journal</i> , 2007, 26, 1176-1186.	7.8	60
8	Solution structure of Grb2 reveals extensive flexibility necessary for target recognition. <i>Journal of Molecular Biology</i> , 2001, 306, 527-537.	4.2	59
9	Solution Structure of the Tandem Src Homology 3 Domains of p47 in an Autoinhibited Form. <i>Journal of Biological Chemistry</i> , 2004, 279, 29752-29760.	3.4	51
10	Binding of FAD to Cytochrome b558 Is Facilitated during Activation of the Phagocyte NADPH Oxidase, Leading to Superoxide Production. <i>Journal of Biological Chemistry</i> , 2004, 279, 26378-26386.	3.4	33
11	A Conserved Region between the TPR and Activation Domains of p67 Participates in Activation of the Phagocyte NADPH Oxidase. <i>Journal of Biological Chemistry</i> , 2010, 285, 31435-31445.	3.4	26
12	The Domain Organization of p67^{phox}, a Protein Required for Activation of the Superoxide-Producing NADPH Oxidase in Phagocytes. <i>Journal of Innate Immunity</i> , 2009, 1, 543-555.	3.8	23
13	Solution structure of the Grb2 SH2 domain complexed with a high-affinity inhibitor. <i>Journal of Biomolecular NMR</i> , 2008, 42, 197-207.	2.8	20
14	Ubiquitination of the heterotrimeric G protein β subunits $G\beta 2$ and $G\beta q$ is prevented by the guanine nucleotide exchange factor Ric-8A. <i>Biochemical and Biophysical Research Communications</i> , 2013, 435, 414-419.	2.1	17
15	Crystallization and preliminary crystallographic analysis of the autoinhibited form of the tandem SH3 domain of p47phox. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 1479-1480.	2.5	12
16	Intramolecular interaction in LGN, an adaptor protein that regulates mitotic spindle orientation. <i>Journal of Biological Chemistry</i> , 2019, 294, 19655-19666.	3.4	10
17	Structural basis for the recognition of the scaffold protein Frmpd4/Preso1 by the TPR domain of the adaptor protein LGN. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2015, 71, 175-183.	0.8	8
18	Structural basis of cofactor-mediated stabilization and substrate recognition of the β -tubulin acetyltransferase β -TAT1. <i>Biochemical Journal</i> , 2015, 467, 103-113.	3.7	5

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19	Backbone assignments of Grb2 complexed with ligand peptides for SH3 and SH2 domains. <i>Journal of Biomolecular NMR</i> , 2003, 27, 185-186.	2.8	3
20	Crystallization and preliminary crystallographic analysis of p40phox, a regulatory subunit of NADPH oxidase. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2006, 62, 1018-1020.	0.7	3
21	Letter to the Editor: Sequence-specific Resonance Assignments of the Tandem SH3 Domains in an Autoinhibitory form of p47phox. <i>Journal of Biomolecular NMR</i> , 2004, 29, 451-452.	2.8	0
22	Ric-8A-mediated stabilization of the trimeric G protein subunit $G\beta_i$ is inhibited by pertussis toxin-catalyzed ADP-ribosylation. <i>Biochemical and Biophysical Research Communications</i> , 2017, 483, 941-945.	2.1	0
23	Recognition Mechanism of the Cell Polarity Protein Mammalian Inscuteable-LGN Complex. <i>Nihon Kessho Gakkaishi</i> , 2012, 54, 206-212.	0.0	0