

Naotaka Tsutsumi

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

668
citations

687220

13
h-index

887953

17
g-index

22
all docs

22
docs citations

22
times ranked

1006
citing authors

#	ARTICLE	IF	CITATIONS
1	The structural basis for receptor recognition of human interleukin-18. <i>Nature Communications</i> , 2014, 5, 5340.	5.8	107
2	Structure of the IFN β receptor complex guides design of biased agonists. <i>Nature</i> , 2019, 567, 56-60.	13.7	85
3	Structure-based decoupling of the pro- and anti-inflammatory functions of interleukin-10. <i>Science</i> , 2021, 371, .	6.0	79
4	Structure of a Janus kinase cytokine receptor complex reveals the basis for dimeric activation. <i>Science</i> , 2022, 376, 163-169.	6.0	78
5	Structure of human Frizzled5 by fiducial-assisted cryo-EM supports a heterodimeric mechanism of canonical Wnt signaling. <i>ELife</i> , 2020, 9, .	2.8	68
6	Viral GPCR US28 can signal in response to chemokine agonists of nearly unlimited structural degeneracy. <i>ELife</i> , 2018, 7, .	2.8	41
7	Expanded π -Electron Systems, Tri(phenanthro)hexaazatriphenylenes and Tri(phenanthro)hexaazatriphenylenes, That Are Self-Assembled To Form One-Dimensional Aggregates. <i>Journal of Organic Chemistry</i> , 2010, 75, 6858-6868.	1.7	36
8	Structure and selectivity engineering of the M ₁ muscarinic receptor toxin complex. <i>Science</i> , 2020, 369, 161-167.	6.0	35
9	Functional assessment of the mutational effects of human IRAK4 and MyD88 genes. <i>Molecular Immunology</i> , 2014, 58, 66-76.	1.0	24
10	Tuning MPL signaling to influence hematopoietic stem cell differentiation and inhibit essential thrombocythemia progenitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	24
11	Structural basis for the constitutive activity and immunomodulatory properties of the Epstein-Barr virus-encoded G protein-coupled receptor BILF1. <i>Immunity</i> , 2021, 54, 1405-1416.e7.	6.6	18
12	Structure of the IL-27 quaternary receptor signaling complex. <i>ELife</i> , 2022, 11, .	2.8	18
13	An innate interaction between IL-18 and the propeptide that inactivates its precursor form. <i>Scientific Reports</i> , 2019, 9, 6160.	1.6	15
14	Molecular analysis of the binding mode of Toll/interleukin-1 receptor (TIR) domain proteins during TLR2 signaling. <i>Molecular Immunology</i> , 2012, 52, 108-116.	1.0	14
15	Atypical structural snapshots of human cytomegalovirus GPCR interactions with host G proteins. <i>Science Advances</i> , 2022, 8, eabl5442.	4.7	11
16	Purification, crystallization and preliminary X-ray crystallographic analysis of human IL-18 and its extracellular complexes. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 1351-1356.	0.4	10
17	Intramolecular interaction suggests an autosuppression mechanism for the innate immune adaptor protein MyD88. <i>Chemical Communications</i> , 2018, 54, 12318-12321.	2.2	3