

Sebastian GÃ¼nther

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,133
citations

471509

17
h-index

677142

22
g-index

28
all docs

28
docs citations

28
times ranked

2019
citing authors

#	ARTICLE	IF	CITATIONS
1	X-ray screening identifies active site and allosteric inhibitors of SARS-CoV-2 main protease. <i>Science</i> , 2021, 372, 642-646.	12.6	240
2	Structural Basis of IL-1 Family Cytokine Signaling. <i>Frontiers in Immunology</i> , 2019, 10, 1412.	4.8	194
3	A Xenon ¹²⁹ Biosensor for Monitoring MHC ^{II} Peptide Interactions. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4142-4145.	13.8	80
4	Bidirectional binding of invariant chain peptides to an MHC class II molecule. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 22219-22224.	7.1	67
5	Molecular Determinants of Agonist and Antagonist Signaling through the IL-36 Receptor. <i>Journal of Immunology</i> , 2014, 193, 921-930.	0.8	65
6	Crystal structure of <i>Streptococcus pyogenes</i> EndoS, an immunomodulatory endoglycosidase specific for human IgG antibodies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 6714-6719.	7.1	56
7	IL-1 Family Cytokines Use Distinct Molecular Mechanisms to Signal through Their Shared Co-receptor. <i>Immunity</i> , 2017, 47, 510-523.e4.	14.3	48
8	A Novel Loop Domain in Superantigens Extends their T Cell Receptor Recognition Site. <i>Journal of Molecular Biology</i> , 2007, 371, 210-221.	4.2	41
9	MHC class II complexes sample intermediate states along the peptide exchange pathway. <i>Nature Communications</i> , 2016, 7, 13224.	12.8	40
10	Structure of <i>Clostridium difficile</i> PilJ Exhibits Unprecedented Divergence from Known Type IV Pilins. <i>Journal of Biological Chemistry</i> , 2014, 289, 4334-4345.	3.4	39
11	Crystal Structure of the Streptococcal Superantigen SpeI and Functional Role of a Novel Loop Domain in T Cell Activation by Group V Superantigens. <i>Journal of Molecular Biology</i> , 2007, 367, 925-934.	4.2	34
12	Anchor Side Chains of Short Peptide Fragments Trigger Ligand-Exchange of Class II MHC Molecules. <i>PLoS ONE</i> , 2008, 3, e1814.	2.5	34
13	Diverse oligomeric states of CEACAM IgV domains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13561-13566.	7.1	33
14	Characterization of Structural Features Controlling the Receptiveness of Empty Class II MHC Molecules. <i>PLoS ONE</i> , 2011, 6, e18662.	2.5	31
15	Structure and Dynamics of FosA-Mediated Fosfomycin Resistance in <i>Klebsiella pneumoniae</i> and <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	28
16	Molecular Basis of Broad Spectrum N-Glycan Specificity and Processing of Therapeutic IgG Monoclonal Antibodies by Endoglycosidase S2. <i>ACS Central Science</i> , 2019, 5, 524-538.	11.3	27
17	Peptide Linkage to the β -Subunit of MHCII Creates a Stably Inverted Antigen Presentation Complex. <i>Journal of Molecular Biology</i> , 2012, 423, 294-302.	4.2	14
18	Molecular Basis of Selective Cytokine Signaling Inhibition by Antibodies Targeting a Shared Receptor. <i>Frontiers in Immunology</i> , 2021, 12, 779100.	4.8	9

#	ARTICLE	IF	CITATIONS
19	Direct CD137 costimulation of CD8 T cells promotes retention and innate-like function within nascent atherogenic foci. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H1480-H1494.	3.2	8
20	X-ray structure of the <i>Rhodobacter sphaeroides</i> reaction center with an M197 Phe→His substitution clarifies the properties of the mutant complex. <i>IUCr</i> , 2022, 9, 261-271.	2.2	5
21	Hydrazones and Thiosemicarbazones Targeting Protein-Protein-Interactions of SARS-CoV-2 Papain-like Protease. <i>Frontiers in Chemistry</i> , 2022, 10, 832431.	3.6	5
22	Flipped CLIP orientation in the MHC class II binding groove. <i>Molecular Immunology</i> , 2012, 51, 14.	2.2	0
23	MHC Class II Complexes Sample Intermediate States along the Antigenic Peptide Exchange Pathway. <i>Biophysical Journal</i> , 2018, 114, 399a.	0.5	0