Sebastian GÃ¼nther

List of Publications by Year
in descending order

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 structure of the Rhodobacter sphaeroides reaction center with an M197 Pheâ†'His substitution clarifies the properties of the mutant complex. IUCrJ, 2022, 9, 261-271.	2.2	5
2	Hydrazones and Thiosemicarbazones Targeting Protein-Protein-Interactions of SARS-CoV-2 Papain-like Protease. Frontiers in Chemistry, 2022, 10, 832431.	3.6	5
3	X-ray screening identifies active site and allosteric inhibitors of SARS-CoV-2 main protease. Science, 2021, 372, 642-646.	12.6	240
4	Molecular Basis of Selective Cytokine Signaling Inhibition by Antibodies Targeting a Shared Receptor. Frontiers in Immunology, 2021, 12, 779100.	4.8	9
5	Structural Basis of IL-1 Family Cytokine Signaling. Frontiers in Immunology, 2019, 10, 1412.	4.8	194
6	Direct CD137 costimulation of CD8 T cells promotes retention and innate-like function within nascent atherogenic foci. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 316, H1480-H1494.	3.2	8
7	Molecular Basis of Broad Spectrum N-Glycan Specificity and Processing of Therapeutic IgG Monoclonal Antibodies by Endoglycosidase S2. ACS Central Science, 2019, 5, 524-538.	11.3	27
8	MHC Class II Complexes Sample Intermediate States along the Antigenic Peptide Exchange Pathway. Biophysical Journal, 2018, 114, 399a.	0.5	0
9	IL-1 Family Cytokines Use Distinct Molecular Mechanisms to Signal through Their Shared Co-receptor. Immunity, 2017, 47, 510-523.e4.	14.3	48
10	Structure and Dynamics of FosA-Mediated Fosfomycin Resistance in Klebsiella pneumoniae and Escherichia coli. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	28
11	MHC class II complexes sample intermediate states along the peptide exchange pathway. Nature Communications, 2016, 7, 13224.	12.8	40
12	Diverse oligomeric states of CEACAM IgV domains. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13561-13566.	7.1	33
13	Crystal structure ofStreptococcus pyogenesEndoS, an immunomodulatory endoglycosidase specific for human IgG antibodies. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6714-6719.	7.1	56
14	Structure of Clostridium difficile PilJ Exhibits Unprecedented Divergence from Known Type IV Pilins. Journal of Biological Chemistry, 2014, 289, 4334-4345.	3.4	39
15	Molecular Determinants of Agonist and Antagonist Signaling through the IL-36 Receptor. Journal of Immunology, 2014, 193, 921-930.	0.8	65
16	Peptide Linkage to the Î±-Subunit of MHCII Creates a Stably Inverted Antigen Presentation Complex. Journal of Molecular Biology, 2012, 423, 294-302.	4.2	14
17	Flipped CLIP orientation in the MHC class II binding groove. Molecular Immunology, 2012, 51, 14.	2.2	0
18	Characterization of Structural Features Controlling the Receptiveness of Empty Class II MHC Molecules. PLoS ONE, 2011, 6, e18662.	2.5	31

#	Article	IF	Citations
19	Bidirectional binding of invariant chain peptides to an MHC class II molecule. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 22219-22224.	7.1	67
20	A Xenonâ€129 Biosensor for Monitoring MHCâ€“Peptide Interactions. Angewandte Chemie - International Edition, 2009, 48, 4142-4145.	13.8	80
21	Anchor Side Chains of Short Peptide Fragments Trigger Ligand-Exchange of Class II MHC Molecules. PLoS ONE, 2008, 3, e1814.	2.5	34
22	Crystal Structure of the Streptococcal Superantigen SpeI and Functional Role of a Novel Loop Domain in T Cell Activation by Group V Superantigens. Journal of Molecular Biology, 2007, 367, 925-934.	4.2	34
23	A Novel Loop Domain in Superantigens Extends their T Cell Receptor Recognition Site. Journal of Molecular Biology, 2007, 371, 210-221.	4.2	41