

Flavio Schwarz

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,753
citations

516710

16
h-index

677142

22
g-index

26
all docs

26
docs citations

26
times ranked

2873
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms and principles of N-linked protein glycosylation. <i>Current Opinion in Structural Biology</i> , 2011, 21, 576-582.	5.7	567
2	Engagement of myelomonocytic Siglecs by tumor-associated ligands modulates the innate immune response to cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14211-14216.	7.1	186
3	Galactosaminogalactan, a New Immunosuppressive Polysaccharide of <i>Aspergillus fumigatus</i> . <i>PLoS Pathogens</i> , 2011, 7, e1002372.	4.7	185
4	A combined method for producing homogeneous glycoproteins with eukaryotic N-glycosylation. <i>Nature Chemical Biology</i> , 2010, 6, 264-266.	8.0	171
5	Cytoplasmic N-Glycosyltransferase of <i>Actinobacillus pleuropneumoniae</i> Is an Inverting Enzyme and Recognizes the NX(S/T) Consensus Sequence. <i>Journal of Biological Chemistry</i> , 2011, 286, 35267-35274.	3.4	77
6	Molecular Analysis of an Alternative N-Glycosylation Machinery by Functional Transfer from <i>Actinobacillus pleuropneumoniae</i> to <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 2014, 289, 2170-2179.	3.4	70
7	Paired Siglec receptors generate opposite inflammatory responses to a human-specific pathogen. <i>EMBO Journal</i> , 2017, 36, 751-760.	7.8	62
8	Human-specific derived alleles of <i>CD33</i> and other genes protect against postreproductive cognitive decline. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 74-79.	7.1	61
9	Dual actions of group B <i>Streptococcus</i> capsular sialic acid provide resistance to platelet-mediated antimicrobial killing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 7465-7470.	7.1	59
10	Relaxed acceptor site specificity of bacterial oligosaccharyltransferase in vivo. <i>Glycobiology</i> , 2011, 21, 45-54.	2.5	58
11	Siglec receptors impact mammalian lifespan by modulating oxidative stress. <i>ELife</i> , 2015, 4, .	6.0	56
12	Loss of CMAH during Human Evolution Primed the Monocyte-Macrophage Lineage toward a More Inflammatory and Phagocytic State. <i>Journal of Immunology</i> , 2017, 198, 2366-2373.	0.8	37
13	Evolution of the exclusively human pathogen <i>Neisseria gonorrhoeae</i> : Human-specific engagement of immunoregulatory Siglecs. <i>Evolutionary Applications</i> , 2019, 12, 337-349.	3.1	35
14	Human-Specific Evolutionary Changes in the Biology of Siglecs. <i>Advances in Experimental Medicine and Biology</i> , 2015, 842, 1-16.	1.6	33
15	Coevolution of Siglec-11 and Siglec-16 via gene conversion in primates. <i>BMC Evolutionary Biology</i> , 2017, 17, 228.	3.2	23
16	Studies on the Detection, Expression, Glycosylation, Dimerization, and Ligand Binding Properties of Mouse Siglec-E. <i>Journal of Biological Chemistry</i> , 2017, 292, 1029-1037.	3.4	22
17	The SIGLEC14 null allele is associated with <i>Mycobacterium tuberculosis</i> - and BCG-induced clinical and immunologic outcomes. <i>Tuberculosis</i> , 2017, 104, 38-45.	1.9	16
18	Shine-Dalgarno sequence enhances the efficiency of lacZ repression by artificial anti-lac antisense RNAs in <i>Escherichia coli</i> . <i>Journal of Bioscience and Bioengineering</i> , 2010, 110, 523-528.	2.2	12

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19	Structures of mouse and human GITRâumlacron;GITRL complexes reveal unique TNF superfamily interactions. Nature Communications, 2021, 12, 1378.	12.8	10
20	High-Throughput Surface Plasmon Resonance Biosensors for Identifying Diverse Therapeutic Monoclonal Antibodies. Analytical Chemistry, 2021, 93, 16474-16480.	6.5	7
21	Reply to Liu and Jiang: Maintenance of postreproductive cognitive capacity by inclusive fitness. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E1591-E1592.	7.1	3
22	Nitric oxide improves late-day viabilities and productivity in a CHO process. Biochemical Engineering Journal, 2020, 163, 107742.	3.6	3
23	Uniquely human changes in expression and binding specificity of Siglecâumlacron;1: implications for human brain evolution (787.2). FASEB Journal, 2014, 28, 787.2.	0.5	0
24	Abstract 3659: Engagement of myelomonocytic siglecs by tumor-associated ligands modulates innate immune responses to cancer. , 2014, , .		0
25	Production of Glycoproteins with Asparagine-Linked N-Acetylglucosamine in Escherichia coli. Methods in Molecular Biology, 2015, 1321, 49-56.	0.9	0