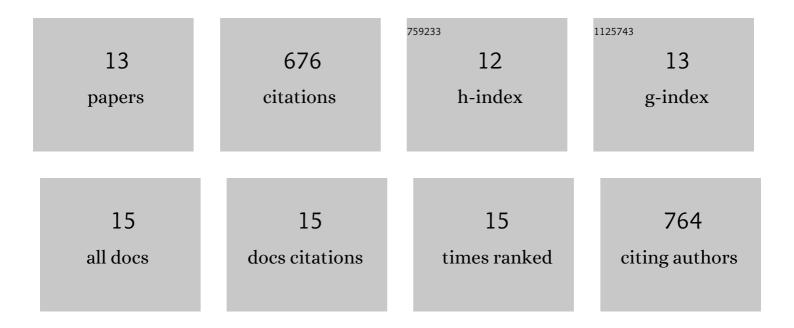
## Andreas Loos

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10685336/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	N-Glycosylation of Plant-produced Recombinant Proteins. Current Pharmaceutical Design, 2013, 19, 5503-5512.	1.9	101
2	Expression and glycoengineering of functionally active heteromultimeric IgM in plants. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6263-6268.	7.1	77
3	The human antiâ€HIV antibodies 2F5, 2G12, and PG9 differ in their susceptibility to proteolytic degradation: Downâ€regulation of endogenous serine and cysteine proteinase activities could improve antibody production in plantâ€based expression platforms. Biotechnology Journal, 2014, 9, 493-500.	3.5	59
4	Structural and functional characterization of an antiâ€West Nile virus monoclonal antibody and its singleâ€chain variant produced in glycoengineered plants. Plant Biotechnology Journal, 2014, 12, 1098-1107.	8.3	58
5	Therapeutic activity of an inhaled potent SARS-CoV-2 neutralizing human monoclonal antibody in hamsters. Cell Reports Medicine, 2021, 2, 100218.	6.5	57
6	lgG-Fc glycoengineering in non-mammalian expression hosts. Archives of Biochemistry and Biophysics, 2012, 526, 167-173.	3.0	56
7	Production of monoclonal antibodies with a controlled <i>N</i> â€glycosylation pattern in seeds of <i>Arabidopsis thaliana</i> . Plant Biotechnology Journal, 2011, 9, 179-192.	8.3	50
8	Expression of Antibody Fragments with a Controlled <i>N</i> -Glycosylation Pattern and Induction of Endoplasmic Reticulum-Derived Vesicles in Seeds of Arabidopsis   Â. Plant Physiology, 2011, 155, 2036-2048.	4.8	50
9	Plant glyco-biotechnology on the way to synthetic biology. Frontiers in Plant Science, 2014, 5, 523.	3.6	47
10	Glycan modulation and sulfoengineering of anti–HIV-1 monoclonal antibody PG9 in plants. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12675-12680.	7.1	44
11	Expression of human butyrylcholinesterase with an engineered glycosylation profile resembling the plasmaâ€derived orthologue. Biotechnology Journal, 2014, 9, 501-510.	3.5	39
12	Vacuolar targeting of recombinant antibodies in <i>Nicotiana benthamiana</i> . Plant Biotechnology Journal, 2016, 14, 2265-2275.	8.3	20
13	Transient Glyco-Engineering of N. benthamiana Aiming at the Synthesis of Multi-antennary Sialylated Proteins. Methods in Molecular Biology, 2015, 1321, 233-248.	0.9	8