

Jonas Aretz

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

496
citations

686830

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h-index

752256

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23
all docs

23
docs citations

23
times ranked

715
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbohydrate-Lectin Recognition of Sequence-Defined Heteromultivalent Glycooligomers. <i>Journal of the American Chemical Society</i> , 2014, 136, 2008-2016.	6.6	114
2	Computational and Experimental Prediction of Human C-Type Lectin Receptor Druggability. <i>Frontiers in Immunology</i> , 2014, 5, 323.	2.2	45
3	Identification of Multiple Druggable Secondary Sites by Fragment Screening against DC ϵ SIGN. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7292-7296.	7.2	42
4	Allosteric Inhibition of a Mammalian Lectin. <i>Journal of the American Chemical Society</i> , 2018, 140, 14915-14925.	6.6	35
5	¹⁹ F NMR-Guided Design of Glycomimetic Langerin Ligands. <i>ACS Chemical Biology</i> , 2016, 11, 2407-2413.	1.6	33
6	Bacterial Polysaccharide Specificity of the Pattern Recognition Receptor Langerin Is Highly Species-dependent. <i>Journal of Biological Chemistry</i> , 2017, 292, 862-871.	1.6	33
7	High affinity sugar ligands of C-type lectin receptor langerin. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 1592-1601.	1.1	26
8	Epitope Recognition of Antibodies against a <i>Yersinia pestis</i> Lipopolysaccharide Trisaccharide Component. <i>ACS Chemical Biology</i> , 2014, 9, 867-873.	1.6	21
9	CellFy: A Cell-Based Fragment Screen against C-Type Lectins. <i>ACS Chemical Biology</i> , 2018, 13, 3229-3235.	1.6	21
10	A keratan sulfate disaccharide prevents inflammation and the progression of emphysema in murine models. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 312, L268-L276.	1.3	20
11	CDK1 ^{cyclin-B1} -induced kindlin degradation drives focal adhesion disassembly at mitotic entry. <i>Nature Cell Biology</i> , 2022, 24, 723-736.	4.6	20
12	Chemical fragment arrays for rapid druggability assessment. <i>Chemical Communications</i> , 2016, 52, 9067-9070.	2.2	18
13	Virtual screen to NMR (VS2NMR): Discovery of fragment hits for the CBP bromodomain. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 2472-2478.	1.0	18
14	Lucky kindlin: A cloverleaf at the integrin tail. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9234-9236.	3.3	12
15	Ranking Hits From Saturation Transfer Difference Nuclear Magnetic Resonance-Based Fragment Screening. <i>Frontiers in Chemistry</i> , 2019, 7, 215.	1.8	11
16	Identifikation sekundärer Bindestellen auf DC ϵ SIGN mithilfe eines Fragment-Screenings. <i>Angewandte Chemie</i> , 2017, 129, 7398-7402.	1.6	10
17	Fragment screening of <i>N</i> -acetylmannosamine kinase reveals noncarbohydrate inhibitors. <i>Canadian Journal of Chemistry</i> , 2016, 94, 920-926.	0.6	6
18	Molecular determinants of β 25 localization in flat clathrin lattices – role of β 25 in cell adhesion and proliferation. <i>Journal of Cell Science</i> , 2022, 135, .	1.2	6

#	ARTICLE	IF	CITATIONS
19	New insights into the phosphorylation of the β 1 integrin cytoplasmic domain. Life Science Alliance, 2022, 5, e202101301.	1.3	4
20	Understanding cell behavior in cultivation processes - A metabolic approach. BMC Proceedings, 2013, 7, P90.	1.8	0
21	Berichtigung: Identifikation sekundärer Bindestellen auf DC-SIGN mithilfe eines Fragment-Screenings. Angewandte Chemie, 2017, 129, 12570-12570.	1.6	0