

Torben Heise

List of Publications by Year in descending order

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15
papers

715
citations

840776

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996975

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times ranked

1235
citing authors

#	ARTICLE	IF	CITATIONS
1	Sialic Acid Blockade Suppresses Tumor Growth by Enhancing T-cell-Mediated Tumor Immunity. <i>Cancer Research</i> , 2018, 78, 3574-3588.	0.9	168
2	Sialic Acid Mimetics to Target the Sialic Acid-Siglec Axis. <i>Trends in Biochemical Sciences</i> , 2016, 41, 519-531.	7.5	128
3	NANS-mediated synthesis of sialic acid is required for brain and skeletal development. <i>Nature Genetics</i> , 2016, 48, 777-784.	21.4	125
4	Potent Metabolic Sialylation Inhibitors Based on C-5-Modified Fluorinated Sialic Acids. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 1014-1021.	6.4	49
5	Sialic Acid Glycoengineering Using an Unnatural Sialic Acid for the Detection of Sialoglycan Biosynthesis Defects and On-Cell Synthesis of Siglec Ligands. <i>ACS Chemical Biology</i> , 2015, 10, 2353-2363.	3.4	38
6	Steering Siglec-Sialic Acid Interactions on Living Cells using Bioorthogonal Chemistry. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3309-3313.	13.8	38
7	Disease mutations in CMP-sialic acid transporter SLC35A1 result in abnormal Δ -dystroglycan O-mannosylation, independent from sialic acid. <i>Human Molecular Genetics</i> , 2015, 24, 2241-2246.	2.9	31
8	Metabolic sialic acid blockade lowers the activation threshold of moDCs for TLR stimulation. <i>Immunology and Cell Biology</i> , 2017, 95, 408-415.	2.3	28
9	Selective Inhibition of Sialic Acid-Based Molecular Mimicry in <i>Haemophilus influenzae</i> Abrogates Serum Resistance. <i>Cell Chemical Biology</i> , 2018, 25, 1279-1285.e8.	5.2	26
10	Metabolic Oligosaccharide Engineering with Alkyne Sialic Acids Confers Neuraminidase Resistance and Inhibits Influenza Reproduction. <i>Bioconjugate Chemistry</i> , 2017, 28, 1811-1815.	3.6	20
11	Combined sialic acid and histone deacetylase (HDAC) inhibitor treatment up-regulates the neuroblastoma antigen GD2. <i>Journal of Biological Chemistry</i> , 2019, 294, 4437-4449.	3.4	20
12	Dynamic tracing of sugar metabolism reveals the mechanisms of action of synthetic sugar analogs. <i>Glycobiology</i> , 2022, 32, 239-250.	2.5	15
13	Structure-Activity Relationship of Metabolic Sialic Acid Inhibitors and Labeling Reagents. <i>ACS Chemical Biology</i> , 2022, 17, 590-597.	3.4	12
14	A Divergent Method to Prepare 5-Amino-, 5-N-Acetamido-, and 5-N-Glycolylsialosides. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5257-5261.	2.4	10
15	Steering Siglec-Sialic Acid Interactions on Living Cells using Bioorthogonal Chemistry. <i>Angewandte Chemie</i> , 2017, 129, 3357-3361.	2.0	1