Thomas Norberg

List of Publications by Year
in descending order

22	433	1040056 9	713466 21
papers	citations	h-index	g-index

23	23	23	410
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Derivatization Procedures for Reducing Oligosaccharides, Part 3: Preparation of Oligosaccharide Glycosylamines, and Their Conversion Into Glycosaccharide - Acrylamide Copolymers. Journal of Carbohydrate Chemistry, 1989, 8, 597-611.	1.1	119
2	High-level expression of the Neisseria meningitidis lgtA gene in Escherichia coli and characterization of the encoded N-acetylglucosaminyltransferase as a useful catalyst in the synthesis of GlcNAcÂ1->3Gal and GalNAcÂ1->3Gal linkages. Glycobiology, 1999, 9, 1061-1071.	2.5	96
3	Immune modulation by Lacto-N-fucopentaose III in experimental autoimmune encephalomyelitis. Clinical Immunology, 2012, 142, 351-361.	3.2	50
4	Derivatization Procedures for Reducing Oligosaccharides, Part 4: Use of Glycosylamines in a Reversible Derivatization of Oligosaccharides with the 9-Fluorenylmethoxycarbonyl Group, and Hplc Separations of the Derivatives. Journal of Carbohydrate Chemistry, 1991, 10, 377-386.	1.1	24
5	A Neoglycoconjugate Containing the Human Milk Sugar LNFPIII Drives Anti-Inflammatory Activation of Antigen Presenting Cells in a CD14 Dependent Pathway. PLoS ONE, 2015, 10, e0137495.	2.5	23
6	New derivatives of reducing oligosaccharides and their use in enzymatic reactions: efficient synthesis of sialyl Lewis a and sialyl dimeric Lewis x glycoconjugates. Carbohydrate Research, 2000, 328, 525-531.	2.3	21
7	Powerful Protein Binders from Designed Polypeptides and Small Organic Moleculesâ€”A General Concept for Protein Recognition. Angewandte Chemie - International Edition, 2011, 50, 1823-1827.	13.8	19
8	Mixed pentafluorophenyl and o-fluorophenyl esters of aliphatic dicarboxylic acids: efficient tools for peptide and protein conjugation. RSC Advances, 2012, 2, 908-914.	3.6	12
9	Assessing the Beneficial Effects of the Immunomodulatory Glycan LNFPIII on Gut Microbiota and Health in a Mouse Model of Gulf War Illness. International Journal of Environmental Research and Public Health, 2020, 17, 7081.	2.6	11
10	Synthesis of Substrates for Aldolase-Catalysed Reactions: A Comparison of Methods for the Synthesis of Substituted Phenylacetaldehydes. Synlett, 2018, 29, 1187-1190.	1.8	8
11	Lacto-N-fucopentaose-III ameliorates acute and persisting hippocampal synaptic plasticity and transmission deficits in a Gulf War Illness mouse model. Life Sciences, 2021, 279, 119707.	4.3	7
12	Mild Oxidative Cleavage of 9â€BBNâ€Protected Amino Acid Derivatives. European Journal of Organic Chemistry, 2015, 2015, 3767-3770.	2.4	6
13	High-throughput screening and radioligand binding studies reveal monoamine oxidase-B as the primary binding target for d-deprenyl. Life Sciences, 2016, 152, 231-237.	4.3	6
14	Delayed treatment with the immunotherapeutic LNFPIII ameliorates multiple neurological deficits in a pesticide-nerve agent prophylactic mouse model of Gulf War Illness. Neurotoxicology and Teratology, 2021, 87, 107012.	2.4	6
15	Solid-Phase Synthesis of an Analog of Haemophilus Influenzae Type B Capsular Polysaccharide. Journal of Carbohydrate Chemistry, 1998, 17, 305-316.	1.1	4
16	High-affinity recognition of the human C-reactive protein independent of phosphocholine. Organic and Biomolecular Chemistry, 2017, 15, 4644-4654.	2.8	4
17	Reversible derivatization of sugars with carbobenzyloxy groups and use of the derivatives in solution-phase enzymatic oligosaccharide synthesis. Carbohydrate Research, 2021, 502, 108272.	2.3	4
18	A Comparison of Two Structurally Related Human Milk Oligosaccharide Conjugates in a Model of Diet-Induced Obesity. Frontiers in Immunology, 2021, 12, 668217.	4.8	3

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19	Lacto-N-fucopentaose-III (LNFPIII) ameliorates acute aberrations in hippocampal synaptic transmission in a Gulf War Illness animal model. Brain Research, 2021, 1766, 147513.	2.2	3
20	Chemical and Biochemical Approaches for the Synthesis of Substituted Dihydroxybutanones and Di- and Tri-Hydroxypentanones. Journal of Organic Chemistry, 2019, 84, 6982-6991.	3.2	2
21	Synthesis of Carbohydrate Haptens to be Used for Generation of Catalytic Antibodies. Journal of Carbohydrate Chemistry, 1998, 17, 143-152.	1.1	1
22	Monoclonal Antibodies Generated against Glycoconjugates Recognize Chemical Linkers. Antibodies, 2020, 9, 48.	2.5	1