

Nikolay E Nifantiev

List of Publications by Year in descending order

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287
papers

7,906
citations

66315

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329
docs citations

329
times ranked

5509
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparative study of the anti-inflammatory, anticoagulant, antiangiogenic, and antiadhesive activities of nine different fucoidans from brown seaweeds. <i>Glycobiology</i> , 2007, 17, 541-552.	1.3	844
2	Structure of a fucoidan from the brown seaweed <i>Fucus evanescens</i> C.Ag.. <i>Carbohydrate Research</i> , 2002, 337, 719-730.	1.1	360
3	Structure of a fucoidan from the brown seaweed <i>Fucus serratus</i> L.. <i>Carbohydrate Research</i> , 2006, 341, 238-245.	1.1	214
4	A highly regular fraction of a fucoidan from the brown seaweed <i>Fucus distichus</i> L.. <i>Carbohydrate Research</i> , 2004, 339, 511-517.	1.1	211
5	Further studies on the composition and structure of a fucoidan preparation from the brown alga <i>Saccharina latissima</i> . <i>Carbohydrate Research</i> , 2010, 345, 2038-2047.	1.1	170
6	Organic and hybrid molecular systems. <i>Mendeleev Communications</i> , 2015, 25, 75-82.	0.6	170
7	Antibody to a conserved antigenic target is protective against diverse prokaryotic and eukaryotic pathogens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E2209-18.	3.3	152
8	Synthetic lactulose amines: novel class of anticancer agents that induce tumor-cell apoptosis and inhibit galectin-mediated homotypic cell aggregation and endothelial cell morphogenesis. <i>Glycobiology</i> , 2006, 16, 210-220.	1.3	114
9	Identification of Glycosyltransferase 8 Family Members as Xylosyltransferases Acting on O-Glucosylated Notch Epidermal Growth Factor Repeats. <i>Journal of Biological Chemistry</i> , 2010, 285, 1582-1586.	1.6	112
10	Synthetic β -(1 \rightarrow 6)-Linked N-Acetylated and Nonacetylated Oligoglucosamines Used To Produce Conjugate Vaccines for Bacterial Pathogens. <i>Infection and Immunity</i> , 2010, 78, 764-772.	1.0	104
11	Fucans, but Not Fucomannoglucuronans, Determine the Biological Activities of Sulfated Polysaccharides from <i>Laminaria saccharina</i> Brown Seaweed. <i>PLoS ONE</i> , 2011, 6, e17283.	1.1	104
12	Design of β -Selective Glycopyranosyl Donors Relying on Remote Anchimeric Assistance. <i>Chemical Record</i> , 2016, 16, 488-506.	2.9	96
13	Fucoidans: Pro- or antiangiogenic agents?. <i>Glycobiology</i> , 2014, 24, 1265-1274.	1.3	90
14	Challenges in the development of organic and hybrid molecular systems. <i>Mendeleev Communications</i> , 2016, 26, 365-374.	0.6	89
15	Organic and hybrid systems: from science to practice. <i>Mendeleev Communications</i> , 2017, 27, 425-438.	0.6	86
16	Synthesis and Molecular Recognition Studies of the HNK-1 Trisaccharide and Related Oligosaccharides. The Specificity of Monoclonal Anti-HNK-1 Antibodies as Assessed by Surface Plasmon Resonance and STD NMR. <i>Journal of the American Chemical Society</i> , 2012, 134, 426-435.	6.6	82
17	GlycoChip: multiarray for the study of carbohydrate-binding proteins. <i>Lab on A Chip</i> , 2003, 3, 260.	3.1	77
18	Molecular Cloning of a Xylosyltransferase That Transfers the Second Xylose to O-Glucosylated Epidermal Growth Factor Repeats of Notch. <i>Journal of Biological Chemistry</i> , 2012, 287, 2739-2748.	1.6	76

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19	Study of glycosylation with N-trichloroacetyl-d-glucosamine derivatives in the syntheses of the spacer-armed pentasaccharides sialyl lacto-N-neotetraose and sialyl lacto-N-tetraose, their fragments, and analogues. <i>Carbohydrate Research</i> , 2001, 336, 13-46.	1.1	75
20	Influence of Fucoidans on Hemostatic System. <i>Marine Drugs</i> , 2013, 11, 2444-2458.	2.2	70
21	Is an acyl group at O-3 in glucosyl donors able to control $\hat{\pm}$ -stereoselectivity of glycosylation? The role of conformational mobility and the protecting group at O-6. <i>Carbohydrate Research</i> , 2014, 384, 70-86.	1.1	70
22	Homogeneous azidophenylselenylation of glycals using TMSN ₃ •Ph ₂ Se ₂ •PhI(OAc) ₂ . <i>Tetrahedron Letters</i> , 2004, 45, 9107-9110.	0.7	66
23	Photothrombic activity of m-THPC-loaded liposomal formulations: Pre-clinical assessment on chick chorioallantoic membrane model. <i>European Journal of Pharmaceutical Sciences</i> , 2006, 28, 134-140.	1.9	64
24	Synthesis of a Pentasaccharide and Neoglycoconjugates Related to Fungal $\hat{\pm}$ -(1 $\hat{\pm}$ '3)- $\hat{\pm}$ Glucan and Their Use in the Generation of Antibodies to Trace <i>Aspergillus fumigatus</i> Cell Wall. <i>Chemistry - A European Journal</i> , 2015, 21, 1029-1035.	1.7	61
25	Structural characterization of fucosylated chondroitin sulfates from sea cucumbers <i>Apostichopus japonicus</i> and <i>Actinopyga mauritiana</i> . <i>Carbohydrate Polymers</i> , 2016, 153, 399-405.	5.1	60
26	Synthesis of Multivalent Carbohydrate-Centered Glycoclusters as Nanomolar Ligands of the Bacterial Lectin LecA from <i>Pseudomonas aeruginosa</i> . <i>Chemistry - A European Journal</i> , 2013, 19, 9272-9285.	1.7	59
27	Synthesis of Neu5Ac- and Neu5Gc- $\hat{\pm}$ -(2 $\hat{\pm}$ '6)-lactosamine 3-aminopropyl glycosides. <i>Carbohydrate Research</i> , 2001, 330, 445-458.	1.1	56
28	SYNTHESIS, NMR, AND CONFORMATIONAL STUDIES OF FUCOIDAN FRAGMENTS. III. EFFECT OF BENZOYL GROUP AT O-3 ON STEREOSELECTIVITY OF GLYCOSYLATION BY 3-O- AND 3,4-DI-O-BENZOYLATED 2-O-BENZYL FUCOSYL BROMIDES. <i>Journal of Carbohydrate Chemistry</i> , 2001, 20, 821-831.	0.4	56
29	Preliminary investigation of a highly sulfated galactofucan fraction isolated from the brown alga <i>Sargassum polycystum</i> . <i>Carbohydrate Research</i> , 2013, 377, 48-57.	1.1	56
30	A highly regular fucosylated chondroitin sulfate from the sea cucumber <i>Massinium magnum</i> : Structure and effects on coagulation. <i>Carbohydrate Polymers</i> , 2017, 167, 20-26.	5.1	55
31	Acid-promoted synthesis of per-O-sulfated fucooligosaccharides related to fucoidan fragments. <i>Carbohydrate Research</i> , 2011, 346, 540-550.	1.1	54
32	Pyranoside-to-Furanoside Rearrangement: New Reaction in Carbohydrate Chemistry and Its Application in Oligosaccharide Synthesis. <i>Chemistry - A European Journal</i> , 2014, 20, 16516-16522.	1.7	53
33	Structure and biological activity of a fucosylated chondroitin sulfate from the sea cucumber <i>Cucumaria japonica</i> . <i>Glycobiology</i> , 2016, 26, 449-459.	1.3	53
34	The structure of a fucosylated chondroitin sulfate from the sea cucumber <i>Cucumaria frondosa</i> . <i>Carbohydrate Polymers</i> , 2017, 165, 7-12.	5.1	53
35	Synthesis of $\hat{\pm}$ -(1 $\hat{\pm}$ '6)-linked glucosamine oligosaccharides corresponding to fragments of the bacterial surface polysaccharide poly-N-acetylglucosamine. <i>Carbohydrate Research</i> , 2007, 342, 567-575.	1.1	52
36	Recognition molecule associated carbohydrate inhibits postsynaptic GABA _B receptors: a mechanism for homeostatic regulation of GABA release in perisomatic synapses. <i>Molecular and Cellular Neurosciences</i> , 2003, 24, 271-282.	1.0	50

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37	Convergent synthesis of isomeric heterosaccharides related to the fragments of galactomannan from <i>Aspergillus fumigatus</i> . <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 3255-3267.	1.5	50
38	A sulfated glucuronofucan containing both fucofuranose and fucopyranose residues from the brown alga <i>Chordaria flagelliformis</i> . <i>Carbohydrate Research</i> , 2008, 343, 2605-2612.	1.1	49
39	Oposonic and Protective Properties of Antibodies Raised to Conjugate Vaccines Targeting Six <i>Staphylococcus aureus</i> Antigens. <i>PLoS ONE</i> , 2012, 7, e46648.	1.1	47
40	Anticoagulant and antithrombotic activities of modified xylofucan sulfate from the brown alga <i>Punctaria plantaginea</i> . <i>Carbohydrate Polymers</i> , 2016, 136, 826-833.	5.1	43
41	Synthetic inhibitors of galectin-1 and -3 selectively modulate homotypic cell aggregation and tumor cell apoptosis. <i>Anticancer Research</i> , 2009, 29, 403-10.	0.5	43
42	Two fucosylated chondroitin sulfates from the sea cucumber <i>Eupentacta fraudatrix</i> . <i>Carbohydrate Polymers</i> , 2017, 164, 8-12.	5.1	42
43	Novel mouse monoclonal antibodies specifically recognizing β - $(1\rightarrow3)$ -D-glucan antigen. <i>PLoS ONE</i> , 2019, 14, e0215535.	1.1	42
44	Structure and Anti-Inflammatory Activity of a New Unusual Fucosylated Chondroitin Sulfate from <i>Cucumaria djakonovi</i> . <i>Marine Drugs</i> , 2018, 16, 389.	2.2	40
45	Synthesis of 3-O-sulfoglucuronyl lacto-N-neotetraose 2-aminoethyl glycoside and biotinylated neoglycoconjugates thereof. <i>Carbohydrate Research</i> , 2000, 329, 717-730.	1.1	39
46	Production of Antifungal Cellobiose Lipids by <i>Trichosporon porosum</i> . <i>Mycopathologia</i> , 2010, 169, 117-123.	1.3	39
47	Expression and biochemical characterization and substrate specificity of the fucoidanase from <i>Formosa algae</i> . <i>Glycobiology</i> , 2017, 27, 254-263.	1.3	39
48	Optimization of treatment parameters for Foscan®-PDT of basal cell carcinomas. <i>Lasers in Surgery and Medicine</i> , 2008, 40, 300-311.	1.1	38
49	Extracellular Cellobiose Lipid from Yeast and Their Analogues: Structures and Fungicidal Activities. <i>Journal of Oleo Science</i> , 2009, 58, 133-140.	0.6	38
50	Synthesis of a common trisaccharide fragment of glycoforms of the outer core region of the <i>Pseudomonas aeruginosa</i> lipopolysaccharide. <i>Tetrahedron Letters</i> , 2006, 47, 3583-3587.	0.7	37
51	Synthesis, NMR, and Conformational Studies of Cyclic Oligo- $(1\rightarrow6)$ - α -D-Glucosamines. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 2465-2475.	1.2	37
52	The presence of water improves reductive openings of benzylidene acetals with trimethylaminoborane and aluminium chloride. <i>Carbohydrate Research</i> , 2003, 338, 697-703.	1.1	36
53	SYNTHESIS, NMR, AND CONFORMATIONAL STUDIES OF FUCOIDAN FRAGMENTS 4: 4-MONO- AND 4,4-DISULFATED $(1\rightarrow3)$ - β -L-FUCOBIOSE AND 4-SULFATED FUCOSIDE FRAGMENTS. <i>Journal of Carbohydrate Chemistry</i> , 2002, 21, 313-324.	0.4	35
54	Evidence for Inhibition of Lysozyme Amyloid Fibrillization by Peptide Fragments from Human Lysozyme: A Combined Spectroscopy, Microscopy, and Docking Study. <i>Biomacromolecules</i> , 2016, 17, 1998-2009.	2.6	35

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55	Biotinylated Oligo- α -(1 \rightarrow 4)-D-galactosamines and Their N-Acetylated Derivatives: α -Stereoselective Synthesis and Immunology Application. <i>Journal of the American Chemical Society</i> , 2020, 142, 1175-1179.	6.6	35
56	Efficient acid-promoted per-O-sulfation of organic polyols. <i>Tetrahedron Letters</i> , 2008, 49, 5877-5879.	0.7	34
57	Novel mouse monoclonal antibodies specifically recognize <i>Aspergillus fumigatus</i> galactomannan. <i>PLoS ONE</i> , 2018, 13, e0193938.	1.1	34
58	The synthesis of heterosaccharides related to the fucoidan from <i>Chordaria flagelliformis</i> bearing an α -fucofuranosyl unit. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 598-611.	1.5	33
59	First Synthesis of Pentasaccharide Glycoform I of the Outer Core Region of the <i>Pseudomonas aeruginosa</i> Lipopolysaccharide. <i>Journal of Organic Chemistry</i> , 2008, 73, 8411-8421.	1.7	32
60	Why Structurally Different Cyclic Peptides Can Be Glycomimetics of the HNK-1 Carbohydrate Antigen. <i>Journal of the American Chemical Society</i> , 2010, 132, 96-105.	6.6	32
61	Development of approaches to a third-generation carbohydrate-conjugate vaccine against <i>Streptococcus pneumoniae</i> : the search for optimal oligosaccharide ligands. <i>Russian Chemical Reviews</i> , 2015, 84, 1100-1113.	2.5	32
62	Chemical Synthesis and Application of Biotinylated Oligo- α -(1 \rightarrow 3)-D-Glucosides To Study the Antibody and Cytokine Response against the Cell Wall α -(1 \rightarrow 3)-D-Glucan of <i>Aspergillus fumigatus</i> . <i>Journal of Organic Chemistry</i> , 2018, 83, 12965-12976.	1.7	32
63	An α -L-fucosidase from <i>Thermus</i> sp. with unusually broad specificity. <i>Glycoconjugate Journal</i> , 2001, 18, 827-834.	1.4	31
64	Synthesis of oligosaccharides related to galactomannans from <i>Aspergillus fumigatus</i> and their NMR spectral data. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 1188-1199.	1.5	31
65	The Use of Pyranoside-into-Furanoside Rearrangement and Controlled O(5) \rightarrow O(6) Benzoyl Migration as the Basis of a Synthetic Strategy To Assemble (1 \rightarrow 5)- and (1 \rightarrow 6)-Linked Galactofuranosyl Chains. <i>Organic Letters</i> , 2016, 18, 5504-5507.	2.4	30
66	Lysozyme's lectin-like characteristics facilitates its immune defense function. <i>Quarterly Reviews of Biophysics</i> , 2017, 50, e9.	2.4	29
67	Reinvestigation of carbohydrate specificity of EB-A2 monoclonal antibody used in the immune detection of <i>Aspergillus fumigatus</i> galactomannan. <i>Heliyon</i> , 2019, 5, e01173.	1.4	29
68	Synthesis, NMR and Conformational Studies of Fucoidan Fragments. V.[1] Linear 4,4'-Sulfated and Parent Non-Sulfated (1 \rightarrow 3)-Fucotrioxide Fragments. <i>Journal of Carbohydrate Chemistry</i> , 2003, 22, 109-122.	0.4	28
69	Anticoagulant activity of fucoidans from brown algae. <i>Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry</i> , 2009, 3, 77-83.	0.2	28
70	Cyclo-oligo-(1 \rightarrow 6)- β -D-glucosamine based artificial channels for tunable transmembrane ion transport. <i>Chemical Communications</i> , 2014, 50, 5514.	2.2	28
71	Neoglycoconjugate of Tetrasaccharide Representing One Repeating Unit of the <i>Streptococcus pneumoniae</i> Type 14 Capsular Polysaccharide Induces the Production of Opsonizing IgG1 Antibodies and Possesses the Highest Protective Activity As Compared to Hexa- and Octasaccharide Conjugates. <i>Frontiers in Immunology</i> , 2017, 8, 659.	2.2	28
72	Synthesis of a heptasaccharide fragment of the mannan from <i>Candida guilliermondii</i> cell wall and its conjugate with BSA. <i>Carbohydrate Research</i> , 2009, 344, 29-35.	1.1	27

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73	Synthesis of 3,6-branched oligomannoside fragments of the mannan from <i>Candida albicans</i> cell wall corresponding to the antigenic factor 4. <i>Carbohydrate Research</i> , 2010, 345, 1283-1290.	1.1	27
74	Synthesis of the Oligosaccharides Related to Branching Sites of Fucosylated Chondroitin Sulfates from Sea Cucumbers. <i>Marine Drugs</i> , 2015, 13, 770-787.	2.2	27
75	Synthesis of propyl and 2-aminoethyl glycosides of β -D-galactosyl-(1 \rightarrow 3)- β -D-lactoside. <i>Carbohydrate Research</i> , 2001, 332, 363-371.	1.1	26
76	Definitive Structural Assessment of Enterococcal Diheteroglycan. <i>Chemistry - A European Journal</i> , 2015, 21, 1749-1754.	1.7	26
77	New insight into the antiaggregant activity of furoxans. <i>Mendeleev Communications</i> , 2016, 26, 513-515.	0.6	26
78	Effect of Enzyme Preparation from the Marine Mollusk <i>Littorina kurila</i> on Fucoidan from the Brown Alga <i>Fucus distichus</i> . <i>Biochemistry (Moscow)</i> , 2005, 70, 1321-1326.	0.7	25
79	Preliminary structural characterization, anti-inflammatory and anticoagulant activities of chondroitin sulfates from marine fish cartilage. <i>Russian Chemical Bulletin</i> , 2011, 60, 746-753.	0.4	25
80	The Effect of a BSA Conjugate of a Synthetic Hexasaccharide Related to the Fragment of Capsular Polysaccharide of <i>Streptococcus pneumoniae</i> Type 14 on the Activation of Innate and Adaptive Immune Responses. <i>Frontiers in Immunology</i> , 2016, 7, 248.	2.2	25
81	Synthesis of 3-aminopropyl glycosides of linear β -D-(1 \rightarrow 3)-D-glucooligosaccharides. <i>Carbohydrate Research</i> , 2016, 419, 8-17.	1.1	25
82	A sulfated galactofucan from the brown alga <i>Hormophysa cuneiformis</i> (Fucales, Sargassaceae). <i>Carbohydrate Research</i> , 2018, 469, 48-54.	1.1	25
83	Preclinical Evaluation of a Novel Water-soluble Chlorin E6 Derivative (BLC 1010) as Photosensitizer for the Closure of the Neovessels. <i>Photochemistry and Photobiology</i> , 2005, 81, 1505.	1.3	24
84	Fucoidans as a platform for new anticoagulant drugs discovery. <i>Pure and Applied Chemistry</i> , 2014, 86, 1365-1375.	0.9	24
85	Pyridine Nucleosides Neopetrosides A and B from a Marine <i>Neopetrosia</i> sp. Sponge. Synthesis of Neopetroside A and Its β -Riboside Analogue. <i>Journal of Natural Products</i> , 2015, 78, 1383-1389.	1.5	24
86	Antiaggregant activity of water-soluble furoxans. <i>Mendeleev Communications</i> , 2018, 28, 49-51.	0.6	24
87	Influence of Modified Fucoidan and Related Sulfated Oligosaccharides on Hematopoiesis in Cyclophosphamide-Induced Mice. <i>Marine Drugs</i> , 2018, 16, 333.	2.2	24
88	Enhanced Sialylating Activity of O-Chloroacetylated 2-Thioethyl Sialosides. <i>Synlett</i> , 2005, 2005, 1375-1380.	1.0	23
89	Stereochemistry of intramolecular cyclization of tetra- β -D-(1 \rightarrow 6)-D-glucosamines and related tetrasaccharides: the role of the conformational stereocontrol and the neighboring group participation. <i>Carbohydrate Research</i> , 2013, 381, 161-178.	1.1	23
90	Fucoidan and Fucosylated Chondroitin Sulfate Stimulate Hematopoiesis in Cyclophosphamide-Induced Mice. <i>Marine Drugs</i> , 2017, 15, 301.	2.2	23

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91	Potential of Chemically Synthesized Oligosaccharides To Define the Carbohydrate Moieties of the Fungal Cell Wall Responsible for the Human Immune Response, Using <i>Aspergillus fumigatus</i> Galactomannan as a Model. <i>MSphere</i> , 2020, 5, .	1.3	23
92	Trimodal Control of Ion ⁺ Transport Activity on Cyclo ^o oligo ^o (1 ⁺ 6) ^o â€²â€²â€²D</sc>â€²â€²â€²Glucosamineâ€²Based Artificial Ion ⁺ Transport Systems. <i>Chemistry - A European Journal</i> , 2015, 21, 17445-17452.	1.7	22
93	The Pyranoside-into-Furanoside Rearrangement of Alkyl Glycosides: Scope and Limitations. <i>Synlett</i> , 2016, 27, 1659-1664.	1.0	22
94	Synthesis of oligosaccharides related to cell wall polysaccharides of the fungi <i>Candida</i> and <i>Aspergillus</i> . <i>Russian Chemical Reviews</i> , 2017, 86, 1073-1126.	2.5	22
95	Preparative route to glucuronyl donors bearing temporary protecting group at O-3 via 6,3-lactonisation by Bz ₂ O or Piv ₂ O. <i>Carbohydrate Research</i> , 2001, 336, 309-313.	1.1	21
96	NMR Investigation of the Influence of Sulfate Groups at C ² and C ⁴ on the Conformational Behavior of Fucoidan Fragments with Homo ^o (1 ⁺ 3) ^o â€²Linked Backbone#. <i>Journal of Carbohydrate Chemistry</i> , 2006, 25, 315-330.	0.4	21
97	Synthetically prepared glycooligosaccharides mimicking <i>Candida albicans</i> cell wall glycan antigens - novel tools to study host-pathogen interactions. <i>FEMS Yeast Research</i> , 2013, 13, 659-673.	1.1	21
98	Fucosylated Chondroitin Sulfates from the Sea Cucumbers <i>Paracaudina chilensis</i> and <i>Holothuria hilla</i> : Structures and Anticoagulant Activity. <i>Marine Drugs</i> , 2020, 18, 540.	2.2	21
99	NMR and conformational studies of linear and cyclic oligo-(1 ⁺ 6)- ^o 1 ⁺ -d-glucosamines. <i>Carbohydrate Research</i> , 2011, 346, 2499-2510.	1.1	20
100	Humoral and cell-mediated immunity following vaccination with synthetic <i>Candida</i> cell wall mannan derived heptamannosideâ€²protein conjugate. <i>International Immunopharmacology</i> , 2012, 14, 179-187.	1.7	20
101	A Poly- <i>N</i> -Acetylglucosamine ^o Shiga Toxin Broad-Spectrum Conjugate Vaccine for Shiga Toxin-Producing <i>Escherichia coli</i> . <i>MBio</i> , 2014, 5, e00974-14.	1.8	20
102	Synthetic ^o 1 ⁺ -(1 ⁺ 3)-d-glucooligosaccharides: model compounds for the mechanistic study of ^o 1 ⁺ -(1 ⁺ 3)-d-glucan bioactivities and design of antifungal vaccines. <i>Russian Chemical Bulletin</i> , 2015, 64, 990-1013.	0.4	20
103	A Blockwise Approach to the Synthesis of (1 ⁺ 2) ^o â€²Linked Oligosaccharides Corresponding to Fragments of the Acid ^o Stable ^o 1 ⁺ â€²Mannan from the <i>Candida albicans</i> Cell Wall. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 1173-1181.	1.2	20
104	Pyranosideâ€²intoâ€²Furanoside Rearrangement of 4â€²Pentenyl Glycosides in the Synthesis of a Tetrasaccharideâ€²Related to Galactan I of <i>Klebsiella pneumoniae</i> . <i>European Journal of Organic Chemistry</i> , 2017, 2017, 710-718.	1.2	20
105	Two structurally similar fucosylated chondroitin sulfates from the holothurian species <i>Stichopus chloronotus</i> and <i>Stichopus horrens</i> . <i>Carbohydrate Polymers</i> , 2018, 189, 10-14.	5.1	20
106	A highly regular fucan sulfate from the sea cucumber <i>Stichopus horrens</i> . <i>Carbohydrate Research</i> , 2018, 456, 5-9.	1.1	20
107	New insight on the structural diversity of holothurian fucosylated chondroitin sulfates. <i>Pure and Applied Chemistry</i> , 2019, 91, 1065-1071.	0.9	20
108	Effect of Branched ^o 1 ⁺ â€²Oligomannoside Structures on Induction of Anti ^o <i>Candida</i> Humoral Immune Response. <i>Scandinavian Journal of Immunology</i> , 2013, 77, 431-441.	1.3	19

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109	Neural Cell Activation by Phenolic Compounds from the Siberian Larch (<i>Larix sibirica</i>). Journal of Natural Products, 2014, 77, 1554-1561.	1.5	19
110	Phenyl 2-azido-2-deoxy-1-selenogalactosides: a single type of glycosyl donor for the highly stereoselective synthesis of 1- and 2-azido-2-deoxy-d-galactopyranosides. Tetrahedron Letters, 2016, 57, 708-711.	0.7	19
111	A miniaturized high-throughput screening assay for fucosyltransferase VII. Analytical Biochemistry, 2008, 372, 96-105.	1.1	18
112	Model 1-mannoside conjugates: immunogenicity and induction of candidacidal activity. FEMS Immunology and Medical Microbiology, 2010, 58, 307-313.	2.7	18
113	Triterpenoid saponins from the roots of <i>Acanthophyllum gypsophiloides</i> Regel. Beilstein Journal of Organic Chemistry, 2012, 8, 763-775.	1.3	18
114	Long-term outcomes following foscan PDT of basal cell carcinomas. Lasers in Surgery and Medicine, 2012, 44, 533-540.	1.1	18
115	Linear and cyclic oligo- β -(1 \rightarrow 6)-D-glucosamines: Synthesis, conformations, and applications for design of a vaccine and oligodentate glycoconjugates. Pure and Applied Chemistry, 2013, 85, 1879-1891.	0.9	18
116	Synthesis of oligosaccharide fragments of the Streptococcus pneumoniae type 14 capsular polysaccharide and their neoglycoconjugates with bovine serum albumin. Russian Chemical Bulletin, 2014, 63, 511-521.	0.4	18
117	Glycoconjugates of porphyrins with carbohydrates: methods of synthesis and biological activity. Russian Chemical Reviews, 2014, 83, 523-554.	2.5	18
118	Structure-Function Relationships of Antimicrobial Peptides and Proteins with Respect to Contact Molecules on Pathogen Surfaces. Current Topics in Medicinal Chemistry, 2015, 16, 89-98.	1.0	18
119	Structural analysis of holothurian fucosylated chondroitin sulfates: Degradation versus non-destructive approach. Carbohydrate Research, 2019, 476, 8-11.	1.1	18
120	Stereoselective 1-Glycosylation with 3-O-Acetylated d-Gluco Donors. Synlett, 2006, 2006, 921-923.	1.0	17
121	Synthesis, NMR and Conformational Studies of Fucoidan Fragments, 8: Convergent Synthesis of Branched and Linear Oligosaccharides. Synthesis, 2006, 2006, 4017-4031.	1.2	17
122	Immune cell response to Candida cell wall mannan derived branched 1-oligomannoside conjugates in mice. Journal of Microbiology, Immunology and Infection, 2015, 48, 9-19.	1.5	17
123	Mannan and phosphomannan from Kuraishia capsulata yeast. Carbohydrate Polymers, 2018, 181, 624-632.	5.1	17
124	Monoclonal Antibody AP3 Binds Galactomannan Antigens Displayed by the Pathogens Aspergillus flavus, A. fumigatus, and A. parasiticus. Frontiers in Cellular and Infection Microbiology, 2019, 9, 234.	1.8	17
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