Nikolay E Nifantiev

List of Publications by Year
in descending order

287	7,906	66234	76769
papers	citations	42 h-index	74 g-index

329	329	329	5509
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antiaggregant effects of (1,2,5â€oxadiazolyl)azasydnone ring assemblies as novel antiplatelet agents. Chemical Biology and Drug Design, 2022, 100, 1017-1024.	1.5	10
2	Synthesis of a cyclic tetramer of 3-amino-3-deoxyallose with axially oriented amino groups. Carbohydrate Research, 2022, 511, 108476.	1.1	1
3	Depolymerization of a fucosylated chondroitin sulfate from Cucumaria japonica: Structure and activity of the product. Carbohydrate Polymers, 2022, 281, 119072.	5.1	11
4	Biorecognition Layer Based On Biotin-Containing [1]Benzothieno[3,2-b][1]benzothiophene Derivative for Biosensing by Electrolyte-Gated Organic Field-Effect Transistors. ACS Applied Materials & Interfaces, 2022, 14, 16462-16476.	4.0	11
5	Synthesis of Oligosaccharides Structurally Related to Hyaluronic Acid Fragments. Russian Journal of Bioorganic Chemistry, 2022, 48, 191-220.	0.3	1
6	Fucose-Rich Sulfated Polysaccharides from Two Vietnamese Sea Cucumbers Bohadschia argus and Holothuria (Theelothuria) spinifera: Structures and Anticoagulant Activity. Marine Drugs, 2022, 20, 380.	2.2	12
7	Glycoconjugate Vaccines for Prevention of Haemophilus influenzae Type b Diseases. Russian Journal of Bioorganic Chemistry, 2021, 47, 26-52.	0.3	6
8	Chemical Examination of the Knotwood of Shorea robusta. Russian Journal of Bioorganic Chemistry, 2021, 47, 103-111.	0.3	3
9	Synthesis and conformational analysis of vicinally branched trisaccharide Î²-<scp>d</scp>-Galf-(1 â†' 2)-[Î²-<scp>d</scp>-Galf-(1 â†' 3)-]-Î±-Galp from Cryptococcus neoformans galactoxylomannan. Organic and Biomolecular Chemistry, 2021, 19, 2923-2931.	1.5	4
10	Selective Acetylation of the Primary Hydroxyl Group in Methyl D-Hexopyranosides with a Mixture of Acetic Anhydride and Acetic Acid. Russian Journal of Bioorganic Chemistry, 2021, 47, 99-102.	0.3	0
11	3-Amino-3-deoxy- and 4-amino-4-deoxyhexoses in the synthesis of natural carbohydrate compounds and their analogues. Russian Chemical Reviews, 2021, 90, 171-198.	2.5	5
12	Affinity characteristics of anti-Î²-(1â†'3)-d-glucan monoclonal antibody 3G11 by fluorescence polarization immunoassay. Russian Chemical Bulletin, 2021, 70, 975-981.	0.4	1
13	Gausemycinsâ€…A,B: Cyclic Lipoglycopeptides from Streptomyces sp.**. Angewandte Chemie, 2021, 133, 18842-18851.	1.6	1
14	Oversulfated dermatan sulfate and heparinoid in the starfish Lysastrosoma anthosticta: Structures and anticoagulant activity. Carbohydrate Polymers, 2021, 261, 117867.	5.1	6
15	Gausemycinsâ€…A,B: Cyclic Lipoglycopeptides fromStreptomycessp.**. Angewandte Chemie - International Edition, 2021, 60, 18694-18703.	7.2	14
16	Innentitelbild: Gausemycinsâ€…A,B: Cyclic Lipoglycopeptides from Streptomyces sp. (Angew. Chem.) Tj ETQq0 0 0 rgBT /Overloc	1.6	1
17	Reinvestigation of Carbohydrate Specificity of EBCA-1 Monoclonal Antibody Used for the Detection of Candida Mannan. Journal of Fungi (Basel, Switzerland), 2021, 7, 504.	1.5	7
18	Polyphenolic components of knotwood extracts from Abies sibirica. Russian Chemical Bulletin, 2021, 70, 1356-1362.	0.4	6

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19	Computational and NMR Conformational Analysis of Galactofuranoside Cycles Presented in Bacterial and Fungal Polysaccharide Antigens. Frontiers in Molecular Biosciences, 2021, 8, 719396.	1.6	2
20	The Synthesis of Blood Group Antigenic A Trisaccharide and Its Biotinylated Derivative. Molecules, 2021, 26, 5887.	1.7	3
21	The importance of developing new mannan tests in the diagnosis of invasive candidiasis in oncology patients. South Russian Journal of Cancer, 2021, 2, 42-47.	0.1	1
22	Protecting Groups as a Factor of Stereocontrol in Glycosylation Reactions. Russian Journal of Bioorganic Chemistry, 2021, 47, 53-70.	0.3	13
23	Synthetic Analogs of Streptococcus pneumoniae Capsular Polysaccharides and Immunogenic Activities of Glycoconjugates. Russian Journal of Bioorganic Chemistry, 2021, 47, 1-25.	0.3	11
24	Chondroitin Sulfate and Fucosylated Chondroitin Sulfate as Stimulators of Hematopoiesis in Cyclophosphamide-Induced Mice. Pharmaceuticals, 2021, 14, 1074.	1.7	14
25	Further Investigation of the 2â€Azidoâ€phenylselenylation of Glycals. European Journal of Organic Chemistry, 2021, 2021, 5897-5904.	1.2	4
26	Synthesis of biotinylated pentasaccharide structurally related to a fragment of glucomannan from Candida utilis. Russian Chemical Bulletin, 2021, 70, 2208-2213.	0.4	3
27	Synthesis and Preliminary Immunological Evaluation of a Pseudotetrasaccharide Related to a Repeating Unit of the Streptococcus pneumoniae Serotype 6A Capsular Polysaccharide. Frontiers in Molecular Biosciences, 2021, 8, 754753.	1.6	0
28	Biotinylated Oligo-Î±-(1 â†' 4)-<scp>d</scp>-galactosamines and Their N-Acetylated Derivatives: Î±-Stereoselective Synthesis and Immunology Application. Journal of the American Chemical Society, 2020, 142, 1175-1179.	6.6	35
29	Noncatalytic selective 6-O-acetylation of methyl 2,3-di-O-benzoyl-Î±-d-glucopyranoside with acetic acid and acetic anhydride. Russian Chemical Bulletin, 2020, 69, 2228-2230.	0.4	1
30	Synthetic carbohydrate based anti-fungal vaccines. Drug Discovery Today: Technologies, 2020, 35-36, 35-43.	4.0	13
31	Tandem Electrospray Mass Spectrometry of Cyclic N-Substituted Oligo-Î²-(1â†'6)-D-glucosamines. International Journal of Molecular Sciences, 2020, 21, 8284.	1.8	1
32	Broadly protective semi-synthetic glycoconjugate vaccine against pathogens capable of producing poly-Î²-(1â†'6)-N-acetyl-d-glucosamine exopolysaccharide. Drug Discovery Today: Technologies, 2020, 35-36, 13-21.	4.0	10
33	Synthesis of Biotin-Tagged Chitosan Oligosaccharides and Assessment of Their Immunomodulatory Activity. Frontiers in Chemistry, 2020, 8, 554732.	1.8	13
34	Higher Cytokine and Opsonizing Antibody Production Induced by Bovine Serum Albumin (BSA)-Conjugated Tetrasaccharide Related to Streptococcus pneumoniae Type 3 Capsular Polysaccharide. Frontiers in Immunology, 2020, 11, 578019.	2.2	3
35	Fucosylated Chondroitin Sulfates from the Sea Cucumbers Paracaudina chilensis and Holothuria hilla: Structures and Anticoagulant Activity. Marine Drugs, 2020, 18, 540.	2.2	21
36	Synthetic Oligomers Mimicking Capsular Polysaccharide Diheteroglycan are Potential Vaccine Candidates against Encapsulated Enterococcal Infections. ACS Infectious Diseases, 2020, 6, 1816-1826.	1.8	12

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37	Fucosylated chondroitin sulfate from the sea cucumber Hemioedema spectabilis: Structure and influence on cell adhesion and tubulogenesis. Carbohydrate Polymers, 2020, 234, 115895.	5.1	13
38	Potential of Chemically Synthesized Oligosaccharides To Define the Carbohydrate Moieties of the Fungal Cell Wall Responsible for the Human Immune Response, Using Aspergillus fumigatus Galactomannan as a Model. MSphere, 2020, 5, .	1.3	23
39	Polyphenol components of the knotwood extracts of Salix capreal.. Russian Chemical Bulletin, 2020, 69, 2390-2395.	0.4	6
40	Chemical constituents from temperate and subtropical trees with reference to knotwood. Industrial Crops and Products, 2020, 145, 112077.	2.5	12
41	Application of computational methods for the studies of carbohydrate reactivity. Carbohydrate Chemistry, 2020, , 151-169.	0.3	6
42	Azidophenylselenylation of glycals towards 2-azido-2-deoxy-selenoglycosides and their application in oligosaccharide synthesis. Pure and Applied Chemistry, 2020, 92, 1047-1056.	0.9	13
43	Research papers from the 21st Mendeleev Congress on General and Applied Chemistry. Pure and Applied Chemistry, 2020, 92, 985-987.	0.9	0
44	Immunological and Epidemiological Aspects of the Immunogenicity of Streptococcus Pneumoniae Serotype 3 Capsular Polysaccharide in Pneumococcal Vaccines. Zhurnal Mikrobiologii Epidemiologii I Immunobiologii, 2020, , 72-82.	0.3	0
45	Immunological and Epidemiological Aspects of the Immunogenicity of Streptococcus Pneumoniae Serotype 3 Capsular Polysaccharide in Pneumococcal Vaccines. Zhurnal Mikrobiologii Epidemiologii I Immunobiologii, 2020, 97, 72-82.	0.3	1
46	Conformational changes in common monosaccharides caused by per-O-sulfation. Pure and Applied Chemistry, 2019, 91, 1223-1229.	0.9	5
47	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
48	Guest Editorial to Special Issue Dedicated to N.D. Zelinsky Institute of Organic Chemistry of the Russian Academy of Sciences. European Journal of Organic Chemistry, 2019, 2019, 4114-4114.	1.2	0
49	Gas-Phase Fragmentation of Cyclic Oligosaccharides in Tandem Mass Spectrometry. Molecules, 2019, 24, 2226.	1.7	14
50	Components of the extracts of the knot wood of Dalbergia Sissoo Linn. and their antioxidant activity. Russian Chemical Bulletin, 2019, 68, 1756-1762.	0.4	8
51	Influence of per-O-sulfation upon the conformational behaviour of common furanosides. Beilstein Journal of Organic Chemistry, 2019, 15, 685-694.	1.3	6
52	Convergent Synthesis of Oligosaccharides Structurally Related to Galactan I and Galactan II of Klebsiella Pneumoniae and their Use in Screening of Antibody Specificity. European Journal of Organic Chemistry, 2019, 2019, 4226-4232.	1.2	16
53	Novel mouse monoclonal antibodies specifically recognizing Î²-(1â†'3)-D-glucan antigen. PLoS ONE, 2019, 14, e0215535.	1.1	42
54	New insight on the structural diversity of holothurian fucosylated chondroitin sulfates. Pure and Applied Chemistry, 2019, 91, 1065-1071.	0.9	20

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55	Structural analysis of holothurian fucosylated chondroitin sulfates: Degradation versus non-destructive approach. Carbohydrate Research, 2019, 476, 8-11.	1.1	18
56	Carbohydrate Specificity and Isotypes of Monoclonal and Polyclonal Antibodies to Conjugated Tetrasaccharide, a Synthetic Analogue of Repeating Unit of Capsular Polysaccharide of Streptococcus Pneumoniae Serotype 14. Bulletin of Experimental Biology and Medicine, 2019, 166, 477-480.	0.3	1
57	Reinvestigation of carbohydrate specificity of EB-A2 monoclonal antibody used in the immune detection of Aspergillus fumigatus galactomannan. Heliyon, 2019, 5, e01173.	1.4	29
58	Nanomedical Relevance of the Intermolecular Interaction Dynamicsâ€"Examples from Lysozymes and Insulins. ACS Omega, 2019, 4, 4206-4220.	1.6	11
59	Potential of fluorescence polarization immunoassay for the detection of Aspergillus fumigatus galactomannan. Russian Chemical Bulletin, 2019, 68, 2365-2369.	0.4	3
60	Chemical constituents of the extracts of the knotwood of Pinus roxburghii Sarg. and their antioxidant activity. Russian Chemical Bulletin, 2019, 68, 2298-2306.	0.4	9
61	Synthetic Oligosaccharides Mimicking Fungal Cell Wall Polysaccharides. Current Topics in Microbiology and Immunology, 2019, 425, 1-16.	0.7	9
62	ICS-29: The 29th International Carbohydrate Symposium. Pure and Applied Chemistry, 2019, 91, 1439-1440.	0.9	0
63	Importance of Candida Antigenic Factors: Structure-Driven Immunomodulation Properties of Synthetically Prepared Mannooligosaccharides in RAW264.7 Macrophages. Frontiers in Cellular and Infection Microbiology, 2019, 9, 378.	1.8	13
64	Isomeric Effects in Collisionally-induced Dissociation of Î²-(1â†'6)-linked Cyclic Tetrasaccharides of the Glcp2GlcpN2 Composition. Journal of Analytical Chemistry, 2019, 74, 1320-1324.	0.4	2
65	Driving Force of the Pyranoside-into-Furanoside Rearrangement. ACS Omega, 2019, 4, 1139-1143.	1.6	8
66	Synthesis of a biotinylated probe from biotechnologically derived Î²-d-mannopyranosyl-(1â€²â†'â€²2)-d-mannopyranose for assessment of carbohydrate specificity of antibodies. Carbohydrate Research, 2019, 471, 39-42.	1.1	3
67	Two structurally similar fucosylated chondroitin sulfates from the holothurian species Stichopus chloronotus and Stichopus horrens. Carbohydrate Polymers, 2018, 189, 10-14.	5.1	20
68	Antiaggregant activity of water-soluble furoxans. Mendeleev Communications, 2018, 28, 49-51.	0.6	24
69	Gas-phase fragmentation studies of cyclic oligo-Î²-(1â†'6)-D-glucosamines by electrospray ionization mass spectrometry using a hybrid high-resolution mass spectrometer. Russian Chemical Bulletin, 2018, 67, 144-149.	0.4	4
70	Synthesis of oligosaccharides related to galactomannans fromAspergillus fumigatusand their NMR spectral data. Organic and Biomolecular Chemistry, 2018, 16, 1188-1199.	1.5	31
71	Synthesis of a pseudotetrasaccharide corresponding to a repeating unit of the Streptococcus pneumoniae type 6B capsular polysaccharide[*]. Journal of Carbohydrate Chemistry, 2018, 37, 1-17.	0.4	6
72	A highly regular fucan sulfate from the sea cucumber Stichopus horrens. Carbohydrate Research, 2018, 456, 5-9.	1.1	20

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73	Chromatographic Determination of Lignans (Antioxidants) in Food Products. Journal of Analytical Chemistry, 2018, 73, 399-406.	0.4	13
74	Study of the Carbohydrate Specificity of Antibodies Against Aspergillus fumigatus Using the Library of Synthetic Mycoantigens. Russian Journal of Bioorganic Chemistry, 2018, 44, 80-89.	0.3	15
75	Mannan and phosphomannan from Kuraishia capsulata yeast. Carbohydrate Polymers, 2018, 181, 624-632.	5.1	17
76	Synthesis of a biotinylated penta-Î±-(1â†'6)-<scp>d</scp>-glucoside based on the rational design of an Î±-stereoselective glucosyl donor. Organic Chemistry Frontiers, 2018, 5, 909-928.	2.3	16
77	Ð¡onformational study of persulfated propyl glucuronide. Carbohydrate Research, 2018, 455, 81-85.	1.1	6
78	Synthesis of 3-aminopropyl Î²-(1Ââ†'Â6)-d-glucotetraoside and its biotinylated derivative. Carbohydrate Research, 2018, 455, 18-22.	1.1	5
79	Carbohydrate Specificity of Antibodies Against Yeast Preparations of Saccharomyces cerevisiae and Candida krusei. Applied Biochemistry and Microbiology, 2018, 54, 665-669.	0.3	2
80	New hybrid furoxan structures with antiaggregant activity. Mendeleev Communications, 2018, 28, 595-597.	0.6	16
81	Carbohydrate Specificity of Antibodies against Phytopathogenic Fungi of the Aspergillus Genus. Applied Biochemistry and Microbiology, 2018, 54, 522-527.	0.3	9
82	Chemical Synthesis and Application of Biotinylated Oligo-Î±-(1 â†' 3)-<scp>d</scp>-Glucosides To Study the Antibody and Cytokine Response against the Cell Wall Î±-(1 â†' 3)-<scp>d</scp>-Glucan of Aspergillus fumigatus. Journal of Organic Chemistry, 2018, 83, 12965-12976.	1.7	32
83	Environmentally safe oil-field reagents for development and operation of oil-gas deposits. IOP Conference Series: Materials Science and Engineering, 2018, 347, 012029.	0.3	1
84	Structure and Anti-Inflammatory Activity of a New Unusual Fucosylated Chondroitin Sulfate from Cucumaria djakonovi. Marine Drugs, 2018, 16, 389.	2.2	40
85	Influence of Modified Fucoidan and Related Sulfated Oligosaccharides on Hematopoiesis in Cyclophosphamide-Induced Mice. Marine Drugs, 2018, 16, 333.	2.2	24
86	A sulfated galactofucan from the brown alga Hormophysa cuneiformis (Fucales, Sargassaceae). Carbohydrate Research, 2018, 469, 48-54.	1.1	25
87	Fucosylated chondroitin sulfates from the sea cucumbers Holothuria tubulosa and Holothuria stellati. Carbohydrate Polymers, 2018, 200, 1-5.	5.1	16
88	Novel mouse monoclonal antibodies specifically recognize Aspergillus fumigatus galactomannan. PLoS ONE, 2018, 13, e0193938.	1.1	34
89	THE PRODUCTION OF MONOCLONAL ANTIBODIES TO TETRASACCHARIDE - SYNTHETIC ANALOGUE OF THE CAPSULAR POLYSACCHARIDE OF STREPTOCOCCUS PNEUMONIAE OF SEROTYPE 14 AND THEIR IMMUNOCHEMICAL CHARACTERIZATION. Zhurnal Mikrobiologii Epidemiologii I Immunobiologii, 2018, , 26-31.	0.3	0
90	Expression and biochemical characterization and substrate specificity of the fucoidanase fromFormosa algae. Glycobiology, 2017, 27, 254-263.	1.3	39

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91	Two fucosylated chondroitin sulfates from the sea cucumber Eupentacta fraudatrix. Carbohydrate Polymers, 2017, 164, 8-12.	5.1	42
92	A highly regular fucosylated chondroitin sulfate from the sea cucumber Massinium magnum : Structure and effects on coagulation. Carbohydrate Polymers, 2017, 167, 20-26.	5.1	55
93	The structure of a fucosylated chondroitin sulfate from the sea cucumber Cucumaria frondosa. Carbohydrate Polymers, 2017, 165, 7-12.	5.1	53
94	Antioxidant activity of polyphenols from larch wood: an amperometric study. Nutrition and Food Science, 2017, 47, 297-303.	0.4	9
95	Synthesis and effects of flavonoid structure variation on amyloid-Î² aggregation. Pure and Applied Chemistry, 2017, 89, 1305-1320.	0.9	12
96	Pyranosideâ€intoâ€Furanoside Rearrangement of 4â€Pentenyl Glycosides in the Synthesis of a Tetrasaccharideâ€Related to Galactan I of Klebsiella pneumoniae. European Journal of Organic Chemistry, 2017, 2017, 710-718.	1.2	20
97	Oligosaccharide ligand tuning in design of third generation carbohydrate pneumococcal vaccines. Pure and Applied Chemistry, 2017, 89, 1403-1411.	0.9	6
98	Recent advances in the synthesis of fungal antigenic oligosaccharides. Pure and Applied Chemistry, 2017, 89, 885-898.	0.9	13
99	Organic and hybrid systems: from science to practice. Mendeleev Communications, 2017, 27, 425-438.	0.6	86
100	Lysozyme's lectin-like characteristics facilitates its immune defense function. Quarterly Reviews of Biophysics, 2017, 50, e9.	2.4	29
101	Theoretical and NMR-based Conformational Analysis of Phosphodiester-linked Disaccharides. Scientific Reports, 2017, 7, 8934.	1.6	13
102	Research papers from the XXth Mendeleev Congress on General and Applied Chemistry. Pure and Applied Chemistry, 2017, 89, 983-984.	0.9	1
103	1,3-syn-Diaxial Repulsion of Typical Protecting Groups Used in Carbohydrate Chemistry in 3-O-Substituted Derivatives of Isopropyl <scp>d</scp>-Idopyranosides. Journal of Organic Chemistry, 2017, 82, 8897-8908.	1.7	15
104	Synthesis of oligosaccharides related to cell wall polysaccharides of the fungi Candida and Aspergillus. Russian Chemical Reviews, 2017, 86, 1073-1126.	2.5	22
105	XXVIII International Carbohydrate Symposium (ICS-28). Pure and Applied Chemistry, 2017, 89, 853-854.	0.9	0
106	Synthesis of oligosaccharides structurally related to fragments of Streptococcus pneumoniae type 3 capsular polysaccharide. Russian Chemical Bulletin, 2017, 66, 111-122.	0.4	5
107	Characterization of a new Î±-l-fucosidase isolated from Fusarium proliferatum LE1 that is regioselective to Î±-(1Ââ†'Â4)-l-fucosidic linkage in the hydrolysis of Î±-l-fucobiosides. Biochimie, 2017, 132, 54-65.	1.3	11
108	Synthesis and NMR analysis of model compounds related to fucosylated chondroitin sulfates: GalNAc and Fuc(1Ââ†'Â6)GalNAc derivatives. Carbohydrate Research, 2017, 438, 9-17.	1.1	14

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109	Gas-phase fragmentation studies of biotinylated oligomannuronopyranosides under conditions of collisionally activated dissociation. Russian Chemical Bulletin, 2017, 66, 1686-1690.	0.4	1
110	Fucoidan and Fucosylated Chondroitin Sulfate Stimulate Hematopoiesis in Cyclophosphamide-Induced Mice. Marine Drugs, 2017, 15, 301.	2.2	23
111	Neoglycoconjugate of Tetrasaccharide Representing One Repeating Unit of the Streptococcus pneumoniae Type 14 Capsular Polysaccharide Induces the Production of Opsonizing IgG1 Antibodies and Possesses the Highest Protective Activity As Compared to Hexa- and Octasaccharide Conjugates. Frontiers in Immunology, 2017, 8, 659.	2.2	28
112	Immunobiological Activity of Synthetically Prepared Immunodominant Galactomannosides Structurally Mimicking Aspergillus Galactomannan. Frontiers in Immunology, 2017, 8, 1273.	2.2	15
113	Gas-Phase Fragmentation Studies of Biotinylated, Hexaethylene Glycolâ€“Spacered Oligosaccharidesâ€”Molecular Probesâ€”Using Electrospray Mass Spectrometry on a Hybrid High-Resolution Mass Spectrometer. Journal of Analytical Chemistry, 2017, 72, 1312-1321.	0.4	0
114	Hemorheological effects of secoisolariciresinol in ovariectomized rats. Biorheology, 2016, 53, 23-31.	1.2	5
115	The Effect of a BSA Conjugate of a Synthetic Hexasaccharide Related to the Fragment of Capsular Polysaccharide of Streptococcus pneumoniae Type 14 on the Activation of Innate and Adaptive Immune Responses. Frontiers in Immunology, 2016, 7, 248.	2.2	25
116	The evaluation of Î²-(1â€‰â†’â€‰3)-nonaglucoside as an anti-Candida albicansimmune response inducer. Cellular Microbiology, 2016, 18, 1294-1307.	1.1	14
117	The use of biotinylated oligosaccharides related to fragments of capsular polysaccharides from Streptococcus pneumoniae serotypes 3 and 14 as a tool for assessment of the level of vaccine-induced antibody response to neoglycoconjugates. Russian Chemical Bulletin, 2016, 65, 1608-1616.	0.4	10
118	Conditions of catalytic hydrogenolysis for the simultaneous reduction of azido group and debenzylation of chitooligosaccharides. Synthesis of biotinylated derivatives of chitooligosaccharides. Russian Chemical Bulletin, 2016, 65, 2937-2942.	0.4	10
119	Near IR spectroscopy of the solutions of a bacteriochlorin derivative as a quantitative method for the quality assurance of liquid products. Mendeleev Communications, 2016, 26, 261-263.	0.6	1
120	The Pyranoside-into-Furanoside Rearrangement of Alkyl Glycosides: Scope and Limitations. Synlett, 2016, 27, 1659-1664.	1.0	22
121	Evidence for Inhibition of Lysozyme Amyloid Fibrillization by Peptide Fragments from Human Lysozyme: A Combined Spectroscopy, Microscopy, and Docking Study. Biomacromolecules, 2016, 17, 1998-2009.	2.6	35
122	Challenges in the development of organic and hybrid molecular systems. Mendeleev Communications, 2016, 26, 365-374.	0.6	89
123	Design of Î±-Selective Glycopyranosyl Donors Relying on Remote Anchimeric Assistance. Chemical Record, 2016, 16, 488-506.	2.9	96
124	Pyranoside-into-furanoside rearrangement of D-glucuronopyranoside derivatives. Mendeleev Communications, 2016, 26, 483-484.	0.6	1
125	New insight into the antiaggregant activity of furoxans. Mendeleev Communications, 2016, 26, 513-515.	0.6	26
126	Phenylethanoid Glycosides from Teak Wood Knots and Their Antioxidant Activity. Journal of Biologically Active Products From Nature, 2016, 6, 272-281.	0.1	9

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127	Structural characterization of fucosylated chondroitin sulfates from sea cucumbers Apostichopus japonicus and Actinopyga mauritiana. Carbohydrate Polymers, 2016, 153, 399-405.	5.1	60
128	Synthesis of 3-aminopropyl glycoside of branched Î²-(1Ââ†'Â3)-d-glucooctaoside. Carbohydrate Research, 2016, 436, 25-30.	1.1	14
129	The synthesis of the phosphate-bridged tetrasaccharide representing the repeating unit of the capsular polysaccharide of Streptococcus pneumoniae serotype 6B. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 1543-1544.	0.8	1
130	Ring distortion in pyranosides caused by per-O-sulfation. Carbohydrate Research, 2016, 436, 20-24.	1.1	7
131	The Use of Pyranoside-into-Furanoside Rearrangement and Controlled O(5) â†' O(6) Benzoyl Migration as the Basis of a Synthetic Strategy To Assemble (1â†'5)- and (1â†'6)-Linked Galactofuranosyl Chains. Organic Letters, 2016, 18, 5504-5507.	2.4	30
132	Polysaccharides of algae 68. Sulfated polysaccharides from the Kamchatka brown alga Laminaria bongardiana. Russian Chemical Bulletin, 2016, 65, 2729-2736.	0.4	10
133	Estimation of the degree of conjugation of oligosaccharide haptens to bovine serum albumin in the course of the squarate procedure using gel permeation HPLC. Russian Chemical Bulletin, 2016, 65, 2932-2936.	0.4	0
134	A Blockwise Approach to the Synthesis of (1â†'2)â€Linked OligosacÂcharÂides Corresponding to Fragments of the Acidâ€Stable Î²â€Mannan from the Candida albicans Cell Wall. European Journal of Organic Chemistry, 2016, 2016, 1173-1181.	1.2	20
135	Sensitivity of magnetic resonance imaging based on the detection of 19F NMR signals. Mendeleev Communications, 2016, 26, 24-25.	0.6	4
136	Variations of pH as an additional tool in the analysis of crowded NMR spectra of fucosylated chondroitin sulfates. Carbohydrate Research, 2016, 423, 82-85.	1.1	13
137	Phenyl 2-azido-2-deoxy-1-selenogalactosides: a single type of glycosyl donor for the highly stereoselective synthesis of Î±- and Î²-2-azido-2-deoxy-d-galactopyranosides. Tetrahedron Letters, 2016, 57, 708-711.	0.7	19
138	Structure and biological activity of a fucosylated chondroitin sulfate from the sea cucumberCucumaria japonica. Glycobiology, 2016, 26, 449-459.	1.3	53
139	Synthesis of 3-aminopropyl glycosides of linear Î²-(1â†'3)-d-glucooligosaccharides. Carbohydrate Research, 2016, 419, 8-17.	1.1	25
140	The synthesis of heterosaccharides related to the fucoidan from Chordaria flagelliformis bearing an Î±-<scp>l</scp>-fucofuranosyl unit. Organic and Biomolecular Chemistry, 2016, 14, 598-611.	1.5	33
141	Anticoagulant and antithrombotic activities of modified xylofucan sulfate from the brown alga Punctaria plantaginea. Carbohydrate Polymers, 2016, 136, 826-833.	5.1	43
142	SYNTHETIC CONJUGATED ANALOGUES OF CAPSULE POLYSACCHARIDES OF PNEUMOCOCCUS - AN INSTRUMENT FOR DETECTION OF POST-VACCINATION ANTIBODIES. Zhurnal Mikrobiologii Epidemiologii I Immunobiologii, 2016, , 54-60.	0.3	1
143	High-resolution mass spectra of biotinylated, HEG-spacered molecular probes with oligosaccharide fragments of the capsular polysaccharides from Streptococcus pneumoniae. Mendeleev Communications, 2015, 25, 457-459.	0.6	8
144	Synthesis of a conjugate of 3Â´-sialyllactoside with recombinant flagellin as a carrier protein and assessment of its immunological activity in comparison with that of a similar hemocyanin-based conjugate. Russian Chemical Bulletin, 2015, 64, 1640-1647.	0.4	1

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