

# Nikolay E Nifantiev

## List of Publications by Citations

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283  
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39  
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329  
ext. papers

7,154  
ext. citations

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L-index

#	Paper	IF	Citations
283	A comparative study of the anti-inflammatory, anticoagulant, antiangiogenic, and antiadhesive activities of nine different fucoidans from brown seaweeds. <i>Glycobiology</i> , <b>2007</b> , 17, 541-52	5.8	717
282	Structure of a fucoidan from the brown seaweed <i>Fucus evanescens</i> C.Ag. <i>Carbohydrate Research</i> , <b>2002</b> , 337, 719-30	2.9	304
281	Structure of a fucoidan from the brown seaweed <i>Fucus serratus</i> L. <i>Carbohydrate Research</i> , <b>2006</b> , 341, 238-45	2.9	178
280	A highly regular fraction of a fucoidan from the brown seaweed <i>Fucus distichus</i> L. <i>Carbohydrate Research</i> , <b>2004</b> , 339, 511-7	2.9	173
279	Organic and hybrid molecular systems. <i>Mendeleev Communications</i> , <b>2015</b> , 25, 75-82	1.9	163
278	Further studies on the composition and structure of a fucoidan preparation from the brown alga <i>Saccharina latissima</i> . <i>Carbohydrate Research</i> , <b>2010</b> , 345, 2038-47	2.9	139
277	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> , <b>2013</b> , 110, E2209-18	11.5	110
276	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> , <b>2006</b> , 16, 210-20	5.8	106
275	Identification of glycosyltransferase 8 family members as xylosyltransferases acting on O-glycosylated notch epidermal growth factor repeats. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 1582-8	5.4	94
274	Synthetic {beta}-(1->6)-linked N-acetylated and nonacetylated oligoglucosamines used to produce conjugate vaccines for bacterial pathogens. <i>Infection and Immunity</i> , <b>2010</b> , 78, 764-72	3.7	90
273	Fucans, but not fucomannoglucuronans, determine the biological activities of sulfated polysaccharides from <i>Laminaria saccharina</i> brown seaweed. <i>PLoS ONE</i> , <b>2011</b> , 6, e17283	3.7	87
272	Challenges in the development of organic and hybrid molecular systems. <i>Mendeleev Communications</i> , <b>2016</b> , 26, 365-374	1.9	86
271	Organic and hybrid systems: from science to practice. <i>Mendeleev Communications</i> , <b>2017</b> , 27, 425-438	1.9	79
270	Fucoidans: pro- or antiangiogenic agents?. <i>Glycobiology</i> , <b>2014</b> , 24, 1265-74	5.8	76
269	GlycoChip: multiarray for the study of carbohydrate-binding proteins. <i>Lab on A Chip</i> , <b>2003</b> , 3, 260-5	7.2	72
268	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> , <b>2012</b> , 134, 426-35	16.4	70
267	Design of Selective Glycopyranosyl Donors Relying on Remote Anchimeric Assistance. <i>Chemical Record</i> , <b>2016</b> , 16, 488-506	6.6	67

266	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> , <b>2012</b> , 287, 2739-48	5.4	66
265	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> , <b>2001</b> , 336, 13-46	2.9	66
264	Photothrombic activity of m-THPC-loaded liposomal formulations: pre-clinical assessment on chick chorioallantoic membrane model. <i>European Journal of Pharmaceutical Sciences</i> , <b>2006</b> , 28, 134-40	5.1	60
263	Homogeneous azidophenylselenylation of glycals using TMSN <sub>3</sub> Ph <sub>2</sub> Se <sub>2</sub> PhI(OAc) <sub>2</sub> . <i>Tetrahedron Letters</i> , <b>2004</b> , 45, 9107-9110	2	59
262	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> , <b>2013</b> , 19, 9272-85	4.8	54
261	Influence of fucoidans on hemostatic system. <i>Marine Drugs</i> , <b>2013</b> , 11, 2444-58	6	54
260	Structural characterization of fucosylated chondroitin sulfates from sea cucumbers <i>Apostichopus japonicus</i> and <i>Actinopyga mauritiana</i> . <i>Carbohydrate Polymers</i> , <b>2016</b> , 153, 399-405	10.3	52
259	Is an acyl group at O-3 in glucosyl donors able to control stereoselectivity of glycosylation? The role of conformational mobility and the protecting group at O-6. <i>Carbohydrate Research</i> , <b>2014</b> , 384, 70-86	2.9	52
258	Synthesis of a pentasaccharide and neoglycoconjugates related to fungal $\beta$ (1 $\rightarrow$ 3)-glucan and their use in the generation of antibodies to trace <i>Aspergillus fumigatus</i> cell wall. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 1029-35	4.8	50
257	Pyranoside-into-furanoside rearrangement: new reaction in carbohydrate chemistry and its application in oligosaccharide synthesis. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 16516-22	4.8	50
256	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> , <b>2003</b> , 24, 271-82	4.8	49
255	Synthesis of beta-(1 $\rightarrow$ 6)-linked glucosamine oligosaccharides corresponding to fragments of the bacterial surface polysaccharide poly-N-acetylglucosamine. <i>Carbohydrate Research</i> , <b>2007</b> , 342, 567-75	2.9	47
254	Synthesis of Neu5Ac- and Neu5Gc-alpha-(2 $\rightarrow$ 6)-lactosamine 3-aminopropyl glycosides. <i>Carbohydrate Research</i> , <b>2001</b> , 330, 445-58	2.9	47
253	Preliminary investigation of a highly sulfated galactofucan fraction isolated from the brown alga <i>Sargassum polycystum</i> . <i>Carbohydrate Research</i> , <b>2013</b> , 377, 48-57	2.9	46
252	A highly regular fucosylated chondroitin sulfate from the sea cucumber <i>Massinium magnum</i> : Structure and effects on coagulation. <i>Carbohydrate Polymers</i> , <b>2017</b> , 167, 20-26	10.3	45
251	Convergent synthesis of isomeric heterosaccharides related to the fragments of galactomannan from <i>Aspergillus fumigatus</i> . <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 3255-67	3.9	44
250	SYNTHESIS, NMR, AND CONFORMATIONAL STUDIES OF FUCOIDAN FRAGMENTS. III.[1] 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> , <b>2001</b> , 20, 821-831	1.7	44
249	The structure of a fucosylated chondroitin sulfate from the sea cucumber <i>Cucumaria frondosa</i> . <i>Carbohydrate Polymers</i> , <b>2017</b> , 165, 7-12	10.3	43

248	Acid-promoted synthesis of per-O-sulfated fucooligosaccharides related to fucoidan fragments. <i>Carbohydrate Research</i> , <b>2011</b> , 346, 540-50	2.9	42
247	Structure and biological activity of a fucosylated chondroitin sulfate from the sea cucumber <i>Cucumaria japonica</i> . <i>Glycobiology</i> , <b>2016</b> , 26, 449-59	5.8	41
246	Synthetic inhibitors of galectin-1 and -3 selectively modulate homotypic cell aggregation and tumor cell apoptosis. <i>Anticancer Research</i> , <b>2009</b> , 29, 403-10	2.3	41
245	Opsonic and protective properties of antibodies raised to conjugate vaccines targeting six <i>Staphylococcus aureus</i> antigens. <i>PLoS ONE</i> , <b>2012</b> , 7, e46648	3.7	37
244	A sulfated glucuronofucan containing both fucofuranose and fucopyranose residues from the brown alga <i>Chordaria flagelliformis</i> . <i>Carbohydrate Research</i> , <b>2008</b> , 343, 2605-12	2.9	37
243	Synthesis of 3-O-sulfoglucuronyl lacto-N-neotetraose 2-aminoethyl glycoside and biotinylated neoglycoconjugates thereof. <i>Carbohydrate Research</i> , <b>2000</b> , 329, 717-30	2.9	36
242	Production of antifungal cellobiose lipids by <i>Trichosporon porosum</i> . <i>Mycopathologia</i> , <b>2010</b> , 169, 117-23	2.9	35
241	Extracellular cellobiose lipid from yeast and their analogues: structures and fungicidal activities. <i>Journal of Oleo Science</i> , <b>2009</b> , 58, 133-40	1.6	34
240	Two fucosylated chondroitin sulfates from the sea cucumber <i>Eupentacta fraudatrix</i> . <i>Carbohydrate Polymers</i> , <b>2017</b> , 164, 8-12	10.3	33
239	Synthesis of a common trisaccharide fragment of glycoforms of the outer core region of the <i>Pseudomonas aeruginosa</i> lipopolysaccharide. <i>Tetrahedron Letters</i> , <b>2006</b> , 47, 3583-3587	2	33
238	Optimization of treatment parameters for Foscan-PDT of basal cell carcinomas. <i>Lasers in Surgery and Medicine</i> , <b>2008</b> , 40, 300-11	3.6	32
237	The presence of water improves reductive openings of benzylidene acetals with trimethylaminoborane and aluminium chloride. <i>Carbohydrate Research</i> , <b>2003</b> , 338, 697-703	2.9	32
236	Anticoagulant and antithrombotic activities of modified xylofucan sulfate from the brown alga <i>Punctaria plantaginea</i> . <i>Carbohydrate Polymers</i> , <b>2016</b> , 136, 826-33	10.3	31
235	Synthesis, NMR, and Conformational Studies of Cyclic Oligo-(1->6)-D-Glucosamines. <i>European Journal of Organic Chemistry</i> , <b>2010</b> , 2010, 2465-2475	3.2	31
234	Efficient acid-promoted per-O-sulfation of organic polyols. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 5877-5879	2	31
233	Why structurally different cyclic peptides can be glycomimetics of the HNK-1 carbohydrate antigen. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 96-105	16.4	30
232	SYNTHESIS, NMR, AND CONFORMATIONAL STUDIES OF FUCOIDAN FRAGMENTS 4[1]: 4-MONO- AND 4,4?-DISULFATED (1->3)-D-FUCOBIOSE AND 4-SULFATED FUCOSIDE FRAGMENTS. <i>Journal of Carbohydrate Chemistry</i> , <b>2002</b> , 21, 313-324	1.7	30
231	The Use of Pyranoside-into-Furanoside Rearrangement and Controlled O(5) -> O(6) Benzoyl Migration as the Basis of a Synthetic Strategy To Assemble (1->5)- and (1->6)-Linked Galactofuranosyl Chains. <i>Organic Letters</i> , <b>2016</b> , 18, 5504-5507	6.2	28

230	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> , <b>2015</b> , 84, 1100-1113	6.8	28
229	First synthesis of pentasaccharide glycoform I of the outer core region of the <i>Pseudomonas aeruginosa</i> lipopolysaccharide. <i>Journal of Organic Chemistry</i> , <b>2008</b> , 73, 8411-21	4.2	28
228	An alpha-L-fucosidase from <i>Thermus</i> sp. with unusually broad specificity. <i>Glycoconjugate Journal</i> , <b>2001</b> , 18, 827-34	3	28
227	Novel mouse monoclonal antibodies specifically recognizing $\beta(1\rightarrow3)$ -D-glucan antigen. <i>PLoS ONE</i> , <b>2019</b> , 14, e0215535	3.7	27
226	Expression and biochemical characterization and substrate specificity of the fucoidanase from <i>Formosa</i> algae. <i>Glycobiology</i> , <b>2017</b> , 27, 254-263	5.8	27
225	Synthesis of the oligosaccharides related to branching sites of fucosylated chondroitin sulfates from sea cucumbers. <i>Marine Drugs</i> , <b>2015</b> , 13, 770-87	6	26
224	Structure and Anti-Inflammatory Activity of a New Unusual Fucosylated Chondroitin Sulfate from. <i>Marine Drugs</i> , <b>2018</b> , 16,	6	26
223	Definitive structural assessment of enterococcal diheteroglycan. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 1749-54	4.8	25
222	Synthesis of oligosaccharides related to galactomannans from <i>Aspergillus fumigatus</i> and their NMR spectral data. <i>Organic and Biomolecular Chemistry</i> , <b>2018</b> , 16, 1188-1199	3.9	25
221	Synthesis, NMR and Conformational Studies of Fucoidan Fragments. V.[1] Linear 4,4',4'-Tri-O-Sulfated and Parent Non-sulfated (1 $\rightarrow$ 3)-Fucotriose Fragments. <i>Journal of Carbohydrate Chemistry</i> , <b>2003</b> , 22, 109-122	1.7	25
220	The synthesis of heterosaccharides related to the fucoidan from <i>Chordaria flagelliformis</i> bearing an $\beta$ -fucofuranosyl unit. <i>Organic and Biomolecular Chemistry</i> , <b>2016</b> , 14, 598-611	3.9	24
219	Cyclo-oligo-(1 $\rightarrow$ 6)- $\beta$ -D-glucosamine based artificial channels for tunable transmembrane ion transport. <i>Chemical Communications</i> , <b>2014</b> , 50, 5514-6	5.8	24
218	Synthesis of a heptasaccharide fragment of the mannan from <i>Candida guilliermondii</i> cell wall and its conjugate with BSA. <i>Carbohydrate Research</i> , <b>2009</b> , 344, 29-35	2.9	24
217	Evidence for Inhibition of Lysozyme Amyloid Fibrillization by Peptide Fragments from Human Lysozyme: A Combined Spectroscopy, Microscopy, and Docking Study. <i>Biomacromolecules</i> , <b>2016</b> , 17, 1998-2009 <sup>24</sup>	6.9	24
216	Reinvestigation of carbohydrate specificity of EB-A2 monoclonal antibody used in the immune detection of galactomannan. <i>Heliyon</i> , <b>2019</b> , 5, e01173	3.6	23
215	Novel mouse monoclonal antibodies specifically recognize <i>Aspergillus fumigatus</i> galactomannan. <i>PLoS ONE</i> , <b>2018</b> , 13, e0193938	3.7	23
214	Synthesis of propyl and 2-aminoethyl glycosides of alpha-D-galactosyl-(1 $\rightarrow$ 3)- $\beta$ -lactoside. <i>Carbohydrate Research</i> , <b>2001</b> , 332, 363-71	2.9	23
213	Biotinylated Oligo- $\beta(1 \rightarrow 4)$ -d-galactosamines and Their N-Acetylated Derivatives: $\beta$ -Stereoselective Synthesis and Immunology Application. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 1175-1179	16.4	23

- 212 Chemical Synthesis and Application of Biotinylated Oligo- $\alpha$ (1  $\rightarrow$  3)-d-Glucosides To Study the Antibody and Cytokine Response against the Cell Wall  $\alpha$ (1  $\rightarrow$  3)-d-Glucan of *Aspergillus fumigatus*. *Journal of Organic Chemistry*, **2018**, 83, 12965-12976 4.2 23
- 211 Synthesis of 3-aminopropyl glycosides of linear  $\alpha$ (1  $\rightarrow$  3)-D-glucooligosaccharides. *Carbohydrate Research*, **2016**, 419, 8-17 2.9 22
- 210 Preliminary structural characterization, anti-inflammatory and anticoagulant activities of chondroitin sulfates from marine fish cartilage. *Russian Chemical Bulletin*, **2011**, 60, 746-753 1.7 22
- 209 Anticoagulant activity of fucoidans from brown algae. *Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry*, **2009**, 3, 77-83 0.4 22
- 208 Synthesis of 3,6-branched oligomannoside fragments of the mannan from *Candida albicans* cell wall corresponding to the antigenic factor 4. *Carbohydrate Research*, **2010**, 345, 1283-90 2.9 22
- 207 Preclinical evaluation of a novel water-soluble chlorin E6 derivative (BLC 1010) as photosensitizer for the closure of the neovessels. *Photochemistry and Photobiology*, **2005**, 81, 1505-10 3.6 22
- 206 Effect of enzyme preparation from the marine mollusk *Littorina kurila* on fucoidan from the brown alga *Fucus distichus*. *Biochemistry (Moscow)*, **2005**, 70, 1321-6 2.9 22
- 205 Enhanced Sialylating Activity of O-Chloroacetylated 2-Thioethyl Sialosides. *Synlett*, **2005**, 2005, 1375-1380 2.2 22
- 204 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 8.4 22
- 203 New insight into the antiaggregant activity of furoxans. *Mendeleev Communications*, **2016**, 26, 513-515 1.9 21
- 202 Neoglycoconjugate of Tetrasaccharide Representing One Repeating Unit of the 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 8.4 21
- 201 The Pyranoside-into-Furanoside Rearrangement of Alkyl Glycosides: Scope and Limitations. *Synlett*, **2016**, 27, 1659-1664 2.2 21
- 200 Pyridine Nucleosides Neopetrosides A and B from a Marine Neopetrosia sp. Sponge. Synthesis of Neopetroside A and Its  $\beta$ -Riboside Analogue. *Journal of Natural Products*, **2015**, 78, 1383-9 4.9 20
- 199 Preparative route to glucuronyl donors bearing temporary protecting group at O-3 via 6,3-lactonisation by Bz(2)O or Piv(2)O. *Carbohydrate Research*, **2001**, 336, 309-13 2.9 20
- 198 Antiaggregant activity of water-soluble furoxans. *Mendeleev Communications*, **2018**, 28, 49-51 1.9 19
- 197 Stereochemistry of intramolecular cyclization of tetra- $\alpha$ (1 $\rightarrow$ 6)-D-glucosamines and related tetrasaccharides: the role of the conformational stereocontrol and the neighboring group participation. *Carbohydrate Research*, **2013**, 381, 161-78 2.9 18
- 196 Fucoidans as a platform for new anticoagulant drugs discovery. *Pure and Applied Chemistry*, **2014**, 86, 1365-1375 2.1 18
- 195 Humoral and cell-mediated immunity following vaccination with synthetic *Candida* cell wall mannan derived heptamannoside-protein conjugate: immunomodulatory properties of heptamannoside-BSA conjugate. *International Immunopharmacology*, **2012**, 14, 179-87 5.8 18

194	Synthetically prepared glycooligosaccharides mimicking <i>Candida albicans</i> cell wall glycan antigens--novel tools to study host-pathogen interactions. <i>FEMS Yeast Research</i> , <b>2013</b> , 13, 659-73	3.1	18
193	NMR Investigation of the Influence of Sulfate Groups at C-2 and C-4 on the Conformational Behavior of Fucoïdan Fragments with Homo-(1->3)-Linked Backbone#. <i>Journal of Carbohydrate Chemistry</i> , <b>2006</b> , 25, 315-330	1.7	18
192	Pyranoside-into-Furanoside Rearrangement of 4-Pentenyl Glycosides in the Synthesis of a Tetrasaccharide-Related to Galactan I of <i>Klebsiella pneumoniae</i> . <i>European Journal of Organic Chemistry</i> , <b>2017</b> , 2017, 710-718	3.2	17
191	Two structurally similar fucosylated chondroitin sulfates from the holothurian species <i>Stichopus chloronotus</i> and <i>Stichopus horrens</i> . <i>Carbohydrate Polymers</i> , <b>2018</b> , 189, 10-14	10.3	17
190	Glycoconjugates of porphyrins with carbohydrates: methods of synthesis and biological activity. <i>Russian Chemical Reviews</i> , <b>2014</b> , 83, 523-554	6.8	17
189	Synthesis of oligosaccharides related to cell wall polysaccharides of the fungi <i>Candida</i> and <i>Aspergillus</i> . <i>Russian Chemical Reviews</i> , <b>2017</b> , 86, 1073-1126	6.8	17
188	Trimodal Control of Ion-Transport Activity on Cyclo-oligo-(1->6)-D-glucosamine-Based Artificial Ion-Transport Systems. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 17445-52	4.8	17
187	Synthetic $\beta$ (1->3)-d-glucooligosaccharides: model compounds for the mechanistic study of $\beta$ (1->3)-d-glucan bioactivities and design of antifungal vaccines. <i>Russian Chemical Bulletin</i> , <b>2015</b> , 64, 990-1013	1.7	17
186	Synthesis of oligosaccharide fragments of the <i>Streptococcus pneumoniae</i> type 14 capsular polysaccharide and their neoglycoconjugates with bovine serum albumin. <i>Russian Chemical Bulletin</i> , <b>2014</b> , 63, 511-521	1.7	17
185	Effect of branched $\beta$ ligomannoside structures on induction of anti- <i>Candida</i> humoral immune response. <i>Scandinavian Journal of Immunology</i> , <b>2013</b> , 77, 431-41	3.4	17
184	Model alpha-mannoside conjugates: immunogenicity and induction of candidacidal activity. <i>FEMS Immunology and Medical Microbiology</i> , <b>2010</b> , 58, 307-13		17
183	Lysozyme's lectin-like characteristics facilitates its immune defense function. <i>Quarterly Reviews of Biophysics</i> , <b>2017</b> , 50, e9	7	16
182	Phenyl 2-azido-2-deoxy-1-selenogalactosides: a single type of glycosyl donor for the highly stereoselective synthesis of $\beta$ and $\alpha$ -azido-2-deoxy-d-galactopyranosides. <i>Tetrahedron Letters</i> , <b>2016</b> , 57, 708-711	2	16
181	Neural cell activation by phenolic compounds from the Siberian larch ( <i>Larix sibirica</i> ). <i>Journal of Natural Products</i> , <b>2014</b> , 77, 1554-61	4.9	16
180	Fucoïdan and Fucosylated Chondroitin Sulfate Stimulate Hematopoiesis in Cyclophosphamide-Induced Mice. <i>Marine Drugs</i> , <b>2017</b> , 15,	6	16
179	Structure-Function Relationships of Antimicrobial Peptides and Proteins with Respect to Contact Molecules on Pathogen Surfaces. <i>Current Topics in Medicinal Chemistry</i> , <b>2016</b> , 16, 89-98	3	16
178	A Poly-N-acetylglucosamine-Shiga toxin broad-spectrum conjugate vaccine for Shiga toxin-producing <i>Escherichia coli</i> . <i>MBio</i> , <b>2014</b> , 5, e00974-14	7.8	16
177	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> , <b>2020</b> , 5,	5	15

- 176 A highly regular fucan sulfate from the sea cucumber *Stichopus horrens*. *Carbohydrate Research*, **2018**, 456, 5-9 2.9 15
- 175 A Blockwise Approach to the Synthesis of (1->2)-Linked Oligosaccharides Corresponding to Fragments of the Acid-Stable  $\beta$ -Mannan from the *Candida albicans* Cell Wall. *European Journal of Organic Chemistry*, **2016**, 2016, 1173-1181 3.2 15
- 174 Triterpenoid saponins from the roots of *Acanthophyllum gypsophiloides* Regel. *Beilstein Journal of Organic Chemistry*, **2012**, 8, 763-75 2.5 15
- 173 NMR and conformational studies of linear and cyclic oligo-(1->6)- $\beta$ -glucosamines. *Carbohydrate Research*, **2011**, 346, 2499-510 2.9 15
- 172 A miniaturized high-throughput screening assay for fucosyltransferase VII. *Analytical Biochemistry*, **2008**, 372, 96-105 3.1 15
- 171 A sulfated galactofucan from the brown alga *Hormophysa cuneiformis* (Fucales, Sargassaceae). *Carbohydrate Research*, **2018**, 469, 48-54 2.9 15
- 170 Computation techniques in the conformational analysis of carbohydrates. *Russian Journal of Bioorganic Chemistry*, **2007**, 33, 24-37 1 14
- 169 Synthesis, NMR and Conformational Studies of Fucoïdan Fragments, 8: Convergent Synthesis of Branched and Linear Oligosaccharides. *Synthesis*, **2006**, 2006, 4017-4031 2.9 14
- 168 New insight on the structural diversity of holothurian fucosylated chondroitin sulfates. *Pure and Applied Chemistry*, **2019**, 91, 1065-1071 2.1 13
- 167 Immune cell response to *Candida* cell wall mannan derived branched  $\beta$ -ligomannoside conjugates in mice. *Journal of Microbiology, Immunology and Infection*, **2015**, 48, 9-19 8.5 13
- 166 Synthesis of 3-aminopropyl glycoside of branched  $\beta$ -(1->3)-d-glucooctaoside. *Carbohydrate Research*, **2016**, 436, 25-30 2.9 13
- 165 Synthesis and NMR analysis of model compounds related to fucosylated chondroitin sulfates: GalNAc and Fuc(1->6)GalNAc derivatives. *Carbohydrate Research*, **2017**, 438, 9-17 2.9 13
- 164 Synthesis of pentasaccharides corresponding to the glycoform II of the outer core region of the *Pseudomonas aeruginosa* lipopolysaccharide. *Carbohydrate Research*, **2012**, 360, 56-68 2.9 13
- 163 Long-term outcomes following Foscan® -PDT of basal cell carcinomas. *Lasers in Surgery and Medicine*, **2012**, 44, 533-40 3.6 13
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