

# Michelangelo Parrilli

## List of Publications by Year in descending order

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233  
papers

5,896  
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81900

39  
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138484

58  
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249  
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249  
docs citations

249  
times ranked

4919  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exopolysaccharides from Marine and Marine Extremophilic Bacteria: Structures, Properties, Ecological Roles and Applications. <i>Marine Drugs</i> , 2018, 16, 69.	4.6	156
2	A multi-analytical approach to better assess the keratan sulfate contamination in animal origin chondroitin sulfate. <i>Analytica Chimica Acta</i> , 2017, 958, 59-70.	5.4	40
3	Structural characterization of an all-aminosugar-containing capsular polysaccharide from <i>Colwellia psychrerythraea</i> 34H. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 1377-1387.	1.7	26
4	A review of chemical methods for the selective sulfation and desulfation of polysaccharides. <i>Carbohydrate Polymers</i> , 2017, 174, 1224-1239.	10.2	89
5	Structure-activity relationship of the exopolysaccharide from a psychrophilic bacterium: A strategy for cryoprotection. <i>Carbohydrate Polymers</i> , 2017, 156, 364-371.	10.2	83
6	The polysaccharide and low molecular weight components of <i>Opuntia ficus indica</i> cladodes: Structure and skin repairing properties. <i>Carbohydrate Polymers</i> , 2017, 157, 128-136.	10.2	66
7	A Semisynthetic Approach to New Immunoadjuvant Candidates: Site-Selective Chemical Manipulation of <i>Escherichia coli</i> Monophosphoryl Lipid A. <i>Chemistry - A European Journal</i> , 2016, 22, 11053-11063.	3.3	12
8	A Modular Approach to a Library of Semisynthetic Fucosylated Chondroitin Sulfate Polysaccharides with Different Sulfation and Fucosylation Patterns. <i>Chemistry - A European Journal</i> , 2016, 22, 18215-18226.	3.3	24
9	Structural characterization of the lipid A from the LPS of the haloalkaliphilic bacterium <i>Halomonas pantelleriensis</i> . <i>Extremophiles</i> , 2016, 20, 687-694.	2.3	5
10	Structural Investigation of the Oligosaccharide Portion Isolated from the Lipooligosaccharide of the Permafrost Psychrophile <i>Psychrobacter arcticus</i> 273-4. <i>Marine Drugs</i> , 2015, 13, 4539-4555.	4.6	20
11	A Unique Capsular Polysaccharide Structure from the Psychrophilic Marine Bacterium <i>Colwellia psychrerythraea</i> 34H That Mimics Antifreeze (Glyco)proteins. <i>Journal of the American Chemical Society</i> , 2015, 137, 179-189.	13.7	78
12	Chemical Fucosylation of a Polysaccharide: A Semisynthetic Access to Fucosylated Chondroitin Sulfate. <i>Biomacromolecules</i> , 2015, 16, 2237-2245.	5.4	37
13	Activation of Human Toll-like Receptor 4 (TLR4) by Myeloid Differentiation Factor 2 (MD-2) by Hypoacylated Lipopolysaccharide from a Clinical Isolate of <i>Burkholderia cenocepacia</i> . <i>Journal of Biological Chemistry</i> , 2015, 290, 21305-21319.	3.4	47
14	Lipopolysaccharides as Microbe-associated Molecular Patterns: A Structural Perspective. <i>RSC Drug Discovery Series</i> , 2015, , 38-63.	0.3	15
15	Determination of the structure of the O-antigen and the lipid A from the entomopathogenic bacterium <i>Pseudomonas entomophila</i> lipopolysaccharide along with its immunological properties. <i>Carbohydrate Research</i> , 2015, 412, 20-27.	2.3	5
16	Bacterial Lipopolysaccharides: An Overview of Their Structure, Biosynthesis and Immunological Activity. , 2015, , 57-89.		4
17	Synthesis of the tetrasaccharide outer core fragment of <i>Burkholderia multivorans</i> lipooligosaccharide. <i>Carbohydrate Research</i> , 2015, 403, 182-191.	2.3	7
18	Persistent cystic fibrosis isolate <i>Pseudomonas aeruginosa</i> strain RP73 exhibits an under-acylated LPS structure responsible of its low inflammatory activity. <i>Molecular Immunology</i> , 2015, 63, 166-175.	2.2	30

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19	Synthesis of Partially N-Acetylated Chitooligosaccharides and Muropeptides. <i>Synlett</i> , 2014, 25, 365-370.	1.8	8
20	Thermophiles as Potential Source of Novel Endotoxin Antagonists: the Full Structure and Bioactivity of the Lipo-oligosaccharide from <i>Thermomonas hydrothermalis</i> . <i>ChemBioChem</i> , 2014, 15, 2146-2155.	2.6	20
21	Structural and conformational study of the O-polysaccharide produced by the metabolically versatile photosynthetic bacterium <i>Rhodospseudomonas palustris</i> strain BisA53. <i>Carbohydrate Polymers</i> , 2014, 114, 384-391.	10.2	13
22	Biotechnological transformation of hydrocortisone to 16 $\beta$ -hydroxy hydrocortisone by <i>Streptomyces roseochromogenes</i> . <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 1291-1299.	3.6	19
23	Structural investigation of the antagonist LPS from the cyanobacterium <i>Oscillatoria planktothrix</i> FP1. <i>Carbohydrate Research</i> , 2014, 388, 73-80.	2.3	25
24	Covalently linked hopanoid-lipid A improves outer-membrane resistance of a <i>Bradyrhizobium</i> symbiont of legumes. <i>Nature Communications</i> , 2014, 5, 5106.	12.8	88
25	A combined fermentative-chemical approach for the scalable production of pure <i>E. coli</i> monophosphoryl lipid A. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 7781-7791.	3.6	8
26	Conversion of yeast mannan polysaccharide in mannose oligosaccharides with a thiopropargyl linker at the pseudo-reducing end. <i>Carbohydrate Research</i> , 2014, 383, 43-49.	2.3	2
27	Inter vs. intraglycosidic acetal linkages control sulfation pattern in semi-synthetic chondroitin sulfate. <i>Carbohydrate Polymers</i> , 2014, 112, 546-555.	10.2	15
28	A Route to Oligosaccharide-Appended Salicylaldehydes: Useful Building Blocks for the Synthesis of Metal-Salophen Complexes. <i>Journal of Organic Chemistry</i> , 2013, 78, 7962-7969.	3.2	9
29	Structural identification of the O-antigen fraction from the lipopolysaccharide of the <i>Burkholderia ambifaria</i> strain 19182. <i>Carbohydrate Research</i> , 2013, 379, 95-99.	2.3	10
30	Versatile and self-assembling urea-linked neosaccharides from sugar aminoalcohols. <i>Tetrahedron</i> , 2013, 69, 1285-1296.	1.9	3
31	Structural characterization of the core oligosaccharide isolated from the lipopolysaccharide of the haloalkaliphilic bacterium <i>Salinivibrio sharmensis</i> strain BAGT. <i>Carbohydrate Research</i> , 2013, 368, 61-67.	2.3	5
32	The structural elucidation of the <i>Salmonella enterica</i> subsp. <i>enterica</i> , reveals that it contains both O-factors 4 and 5 on the LPS antigen. <i>Carbohydrate Research</i> , 2013, 370, 9-12.	2.3	11
33	Structure and Immunological Activity of the Lipopolysaccharide Isolated from the Species <i>Alkalimonas delamerensis</i> . <i>European Journal of Organic Chemistry</i> , 2013, 2013, 2653-2665.	2.4	3
34	Structural Characterization of the Core Oligosaccharide Isolated from the Lipopolysaccharide of the Psychrophilic Bacterium <i>Colwellia psychrerythraea</i> Strain 34H. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 3771-3779.	2.4	16
35	Structure of N-linked oligosaccharides attached to chlorovirus PBCV-1 major capsid protein reveals unusual class of complex N-glycans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13956-13960.	7.1	49
36	The Lipid A from the Haloalkaliphilic Bacterium <i>Salinivibrio sharmensis</i> Strain BAGT. <i>Marine Drugs</i> , 2013, 11, 184-193.	4.6	8

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37	Bacterial Lipopolysaccharides in Plant and Mammalian Innate Immunity. <i>Protein and Peptide Letters</i> , 2012, 19, 1040-1044.	0.9	17
38	Occurrence and structure of cyclic Enterobacterial Common Antigen in <i>Escherichia coli</i> O157:H7. <i>Carbohydrate Research</i> , 2012, 363, 29-32.	2.3	9
39	Preparation and NMR characterization of glucosamine oligomers bearing an azide function using chitosan. <i>Carbohydrate Polymers</i> , 2012, 90, 847-852.	10.2	9
40	Structure of the lipopolysaccharide isolated from the novel species <i>Uruburuella suis</i> . <i>Carbohydrate Research</i> , 2012, 357, 75-82.	2.3	8
41	Structural Study of the Lipopolysaccharide O-Antigen Produced by the Emerging Cystic Fibrosis Pathogen <i>Pandora pulmonicola</i> . <i>European Journal of Organic Chemistry</i> , 2012, 2012, 2243-2249.	2.4	8
42	Characterization of the Core Oligosaccharide and the O-Antigen Biological Repeating Unit from <i>Halomonas stevensii</i> Lipopolysaccharide: The First Case of O-Antigen Linked to the Inner Core. <i>Chemistry - A European Journal</i> , 2012, 18, 3729-3735.	3.3	12
43	Structural characterization of two lipopolysaccharide O-antigens produced by the endofungal bacterium <i>Burkholderia</i> sp. HKI-402 (B4). <i>Carbohydrate Research</i> , 2012, 347, 95-98.	2.3	13
44	Synthesis of the trisaccharide outer core fragment of <i>Burkholderia cepacia</i> pv. <i>vietnamiensis</i> lipooligosaccharide. <i>Carbohydrate Research</i> , 2012, 349, 24-32.	2.3	11
45	Synthetic and semi-synthetic chondroitin sulfate oligosaccharides, polysaccharides, and glycomimetics. <i>Carbohydrate Research</i> , 2012, 356, 75-85.	2.3	33
46	A Bacterial Lipooligosaccharide that Naturally Mimics the Epitope of the HIV-Neutralizing Antibody 2G12 as a Template for Vaccine Design. <i>Chemistry and Biology</i> , 2012, 19, 254-263.	6.0	33
47	Semi-synthesis of Unusual Chondroitin Sulfate Polysaccharides Containing GlcA(3-O-sulfate) or GlcA(2,3-di-O-sulfate) Units. <i>Chemistry - A European Journal</i> , 2012, 18, 2123-2130.	3.3	28
48	Structural characterization of the O-chain polysaccharide from an environmentally beneficial bacterium <i>Pseudomonas chlororaphis</i> subsp. <i>aureofaciens</i> strain M71. <i>Carbohydrate Research</i> , 2011, 346, 2705-2709.	2.3	12
49	Structural determination of the O-specific polysaccharide from <i>Aeromonas hydrophila</i> strain A19 (serogroup O:14) with S-layer. <i>Carbohydrate Research</i> , 2011, 346, 2519-2522.	2.3	7
50	Identification and structural determination of the capsular polysaccharides from two <i>Acinetobacter baumannii</i> clinical isolates, MG1 and SMAL. <i>Carbohydrate Research</i> , 2011, 346, 973-977.	2.3	41
51	Reflectron MALDI TOF and MALDI TOF/TOF mass spectrometry reveal novel structural details of native lipooligosaccharides. <i>Journal of Mass Spectrometry</i> , 2011, 46, 1135-1142.	1.6	43
52	Molecular Modeling Study of the Carbohydrate Region of the Endotoxin from <i>Burkholderia cenocepacia</i> . <i>European Journal of Organic Chemistry</i> , 2011, 2011, 5114-5122.	2.4	0
53	A Microbiological-Chemical Strategy to Produce Chondroitin Sulfate A,C. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6160-6163.	13.8	60
54	A Unique Bicyclic Monosaccharide from the <i>Bradyrhizobium</i> Lipopolysaccharide and Its Role in the Molecular Interaction with Plants. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 12610-12612.	13.8	24

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55	Structural Investigation and Biological Activity of the Lipooligosaccharide from the Psychrophilic Bacterium <i>Pseudoalteromonas haloplanktis</i> TAB 23. <i>Chemistry - A European Journal</i> , 2011, 17, 7053-7060.	3.3	33
56	O-chain structure from the lipopolysaccharide of the human pathogen <i>Halomonas stevensii</i> strain S18214. <i>Carbohydrate Research</i> , 2011, 346, 362-365.	2.3	12
57	The complete structure of the core of the LPS from <i>Plesiomonas shigelloides</i> 302 <sup>673</sup> and the identification of its O-antigen biological repeating unit. <i>Carbohydrate Research</i> , 2010, 345, 2523-2528.	2.3	24
58	Structural Elucidation of a Novel <i>B. cenocepacia</i> ET <sup>12</sup> Lipooligosaccharide Isolated from a Cystic Fibrosis Patient after Lung Transplantation. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 1299-1306.	2.4	7
59	Complete Lipooligosaccharide Structure of the Clinical Isolate <i>Acinetobacter baumannii</i> , Strain SMAL. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 1345-1352.	2.4	21
60	A Urea-Linked Glucosamine Dimer as a Building Block for the Synthesis of Linear and Cyclic Neosaccharides. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 4062-4074.	2.4	3
61	Full Structural Characterization of an Extracellular Polysaccharide Produced by the Freshwater Cyanobacterium <i>Oscillatoria planktothrix</i> FP1. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 5594-5600.	2.4	15
62	Synthesis of a $\beta$ -GlcN-(1 $\rightarrow$ 4)-MurNAc building block en route to N-deacetylated peptidoglycan fragments. <i>Tetrahedron Letters</i> , 2010, 51, 1117-1120.	1.4	16
63	The structure of the carbohydrate backbone of the lipooligosaccharide from the halophilic bacterium <i>Arcobacter halophilus</i> . <i>Carbohydrate Research</i> , 2010, 345, 850-853.	2.3	11
64	The structure of the carbohydrate backbone of the lipooligosaccharide from an alkaliphilic <i>Halomonas</i> sp.. <i>Carbohydrate Research</i> , 2010, 345, 1971-1975.	2.3	8
65	Against the rules: A marine bacterium, <i>Loktanella rosea</i> , possesses a unique lipopolysaccharide. <i>Glycobiology</i> , 2010, 20, 586-593.	2.5	11
66	Insights on the conformational properties of hyaluronic acid by using NMR residual dipolar couplings and MD simulations. <i>Glycobiology</i> , 2010, 20, 1208-1216.	2.5	25
67	Glyco-conjugates as elicitors or suppressors of plant innate immunity. <i>Glycobiology</i> , 2010, 20, 406-419.	2.5	162
68	Microbe-Associated Molecular Patterns in Innate Immunity. <i>Methods in Enzymology</i> , 2010, 480, 89-115.	1.0	140
69	The lipid A of <i>Burkholderia multivorans</i> C1576 smooth-type lipopolysaccharide and its pro-inflammatory activity in a cystic fibrosis airways model. <i>Innate Immunity</i> , 2010, 16, 354-365.	2.4	16
70	Structural characterization of the core region from the lipopolysaccharide of the haloalkaliphilic bacterium <i>Halomonas alkaliantarctica</i> strain CRSS. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 5404.	2.8	6
71	Lipopolysaccharides. , 2010, , 133-153.		25
72	Structural analysis of chondroitin sulfate from <i>Scyliorhinus canicula</i> : A useful source of this polysaccharide. <i>Glycobiology</i> , 2009, 19, 1485-1491.	2.5	51

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73	First structural characterization of <i>Burkholderia vietnamiensis</i> lipooligosaccharide from cystic fibrosis-associated lung transplantation strains. <i>Glycobiology</i> , 2009, 19, 1214-1223.	2.5	16
74	The Presence of OMP Inclusion Bodies in a <i>Escherichia coli</i> K-12 Mutated Strain is not Related to Lipopolysaccharide Structure. <i>Journal of Biochemistry</i> , 2009, 146, 231-240.	1.7	3
75	Structural Study and Conformational Behavior of the Two Different Lipopolysaccharide O-Antigens Produced by the Cystic Fibrosis Pathogen <i>Burkholderia multivorans</i> . <i>Chemistry - A European Journal</i> , 2009, 15, 7156-7166.	3.3	19
76	Structure of the Core Region from the Lipopolysaccharide of <i>Plesiomonas shigelloides</i> Strain 302-73 (Serotype O1). <i>European Journal of Organic Chemistry</i> , 2009, 2009, 1365-1371.	2.4	19
77	The Structures of Lipopolysaccharides from Plant-Associated Gram-Negative Bacteria. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 5887-5896.	2.4	26
78	High-performance CE of <i>Escherichia coli</i> K4 cell surface polysaccharides. <i>Electrophoresis</i> , 2009, 30, 3877-3883.	2.4	30
79	The structure of the O-specific polysaccharide from the lipopolysaccharide of <i>Burkholderia anthina</i> . <i>Carbohydrate Research</i> , 2009, 344, 1697-1700.	2.3	13
80	Structural determination of the O-chain polysaccharide from the haloalkaliphilic <i>Halomonas alkaliantarctica</i> bacterium strain CRSS. <i>Carbohydrate Research</i> , 2009, 344, 2051-2055.	2.3	14
81	$\beta$ -Glycosyl Azides as Substrates for $\beta$ -Glycosynthases: Preparation of Efficient $\beta$ -L-Fucosynthases. <i>Chemistry and Biology</i> , 2009, 16, 1097-1108.	6.0	65
82	The O-specific polysaccharide structure and biosynthetic gene cluster of <i>Yersinia pseudotuberculosis</i> serotype O:11. <i>Carbohydrate Research</i> , 2009, 344, 1533-1540.	2.3	17
83	The role of sugar configuration in the acetolysis of 6-deoxyhexose methyl glycosides. <i>Carbohydrate Research</i> , 2009, 344, 2406-2411.	2.3	3
84	A novel capsular polysaccharide from <i>Rhizobium rubi</i> strain DSM 30149. <i>Carbohydrate Research</i> , 2008, 343, 1482-1485.	2.3	3
85	Structural elucidation of the capsular polysaccharide isolated from <i>Kaistella flava</i> . <i>Carbohydrate Research</i> , 2008, 343, 2401-2405.	2.3	12
86	Structural characterizations of lipid A by MS/MS of doubly charged ions on a hybrid linear ion trap/orbitrap mass spectrometer. <i>Journal of Mass Spectrometry</i> , 2008, 43, 478-484.	1.6	21
87	The Acylation and Phosphorylation Pattern of Lipid A from <i>Xanthomonas Campestris</i> Strongly Influence its Ability to Trigger the Innate Immune Response in <i>Arabidopsis</i> . <i>ChemBioChem</i> , 2008, 9, 896-904.	2.6	56
88	<i>Rhizobium rubi</i> T: A Gram-Negative Phytopathogenic Bacterium Expressing the Lewis B Epitope on the Outer Core of its Lipooligosaccharide Fraction. <i>ChemBioChem</i> , 2008, 9, 1830-1835.	2.6	3
89	Highly Phosphorylated Core Oligosaccharide Structures from Cold-Adapted <i>Psychromonas arctica</i> . <i>Chemistry - A European Journal</i> , 2008, 14, 9368-9376.	3.3	32
90	Structural Characterization of the Core Region of the Lipopolysaccharide from the Haloalkaliphilic <i>Halomonas pantelleriensis</i> : Identification of the Biological O-Antigen Repeating Unit. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 721-728.	2.4	14

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91	The Structure of the O <sub>6</sub> -Chain Polysaccharide from the Gram <sup>-</sup> Negative Endophytic Bacterium <i>Burkholderia phytofirmans</i> Strain PsJN. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 2303-2308.	2.4	10
92	Structural Studies of the O <sub>6</sub> -Chain Polysaccharide from <i>Plesiomonas shigelloides</i> Strain 302 <sup>673</sup> (Serotype O1). <i>European Journal of Organic Chemistry</i> , 2008, 2008, 3149-3155.	2.4	26
93	Acetolysis of 6-Deoxysugar Disaccharide Building Blocks: <i>exo</i> versus <i>endo</i> Activation. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 5704-5714.	2.4	9
94	The structure of the O-specific polysaccharide from the lipopolysaccharide of <i>Pseudomonas</i> sp. OX1 cultivated in the presence of the azo dye Orange II. <i>Carbohydrate Research</i> , 2008, 343, 674-684.	2.3	10
95	Lipopolysaccharide structures from <i>Agrobacterium</i> and <i>Rhizobiaceae</i> species. <i>Carbohydrate Research</i> , 2008, 343, 1924-1933.	2.3	61
96	Peptidoglycan and Muropeptides from Pathogens <i>Agrobacterium</i> and <i>Xanthomonas</i> Elicit Plant Innate Immunity: Structure and Activity. <i>Chemistry and Biology</i> , 2008, 15, 438-448.	6.0	129
97	A new, improved synthesis of the trisaccharide repeating unit of the O-antigen from <i>Xanthomonas campestris</i> pv. <i>campestris</i> 8004. <i>Tetrahedron</i> , 2008, 64, 3381-3391.	1.9	20
98	Selective acetolysis of 6-deoxy-sugar oligosaccharide building blocks governed by the armed <sup>66</sup> disarmed effect. <i>Tetrahedron Letters</i> , 2008, 49, 2546-2551.	1.4	5
99	An antagonist of lipid A action in mammals has complex effects on lipid A induction of defence responses in the model plant <i>Arabidopsis thaliana</i> . <i>Microbes and Infection</i> , 2008, 10, 571-574.	1.9	7
100	Use of chitosan for chromium removal from exhausted tanning baths. <i>Water Science and Technology</i> , 2008, 58, 735-739.	2.5	10
101	The structure and proinflammatory activity of the lipopolysaccharide from <i>Burkholderia multivorans</i> and the differences between clonal strains colonizing pre- and posttransplanted lungs. <i>Glycobiology</i> , 2008, 18, 871-881.	2.5	30
102	Full structural characterization of <i>Shigella flexneri</i> M90T serotype 5 wild-type R-LPS and its $\Delta$ galU mutant: glycine residue location in the inner core of the lipopolysaccharide. <i>Glycobiology</i> , 2007, 18, 260-269.	2.5	19
103	Detailed characterization of the lipid A fraction from the nonpathogen <i>Acinetobacter radioresistens</i> strain S13. <i>Journal of Lipid Research</i> , 2007, 48, 1045-1051.	4.2	25
104	A Second Galacturonic Acid Transferase Is Required for Core Lipopolysaccharide Biosynthesis and Complete Capsule Association with the Cell Surface in <i>Klebsiella pneumoniae</i> . <i>Journal of Bacteriology</i> , 2007, 189, 1128-1137.	2.2	31
105	Invited review: Priming, induction and modulation of plant defence responses by bacterial lipopolysaccharides. <i>Journal of Endotoxin Research</i> , 2007, 13, 69-84.	2.5	138
106	Absolute Configuration of 8-Amino-3,8-dideoxyoct-2-ulosonic Acid, the Chemical Hallmark of Lipopolysaccharides of the Genus <i>Shewanella</i> . <i>Journal of Natural Products</i> , 2007, 70, 1624-1627.	3.0	9
107	<i>Agrobacterium rubi</i> DSM 6772 Produces a Lipophilic Polysaccharide Capsule whose Degree of Acetylation is Growth Modulated. <i>Biomacromolecules</i> , 2007, 8, 1047-1051.	5.4	16
108	Molecular Structure of Endotoxins from Gram-negative Marine Bacteria: An Update. <i>Marine Drugs</i> , 2007, 5, 85-112.	4.6	58

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109	The Complete Structure and Pro-inflammatory Activity of the Lipooligosaccharide of the Highly Epidemic and Virulent Gram-Negative Bacterium <i>Burkholderia cenocepacia</i> ET-12 (Strain J2315). <i>Chemistry - A European Journal</i> , 2007, 13, 3501-3511.	3.3	61
110	The Outer Membrane of the Marine Gram-Negative Bacterium <i>Alteromonas addita</i> is Composed of a Very Short-Chain Lipopolysaccharide with a High Negative Charge Density. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 1113-1122.	2.4	12
111	Structure of the Iron-Binding Exopolysaccharide Produced Anaerobically by the Gram-Negative Bacterium <i>Klebsiella oxytoca</i> BAS 10. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 5183-5189.	2.4	29
112	The O-chain structure from the LPS of the bacterium <i>Naxibacter alkalitolerans</i> YIM 31775T. <i>Carbohydrate Research</i> , 2007, 342, 757-761.	2.3	3
113	O-Allyl decoration on $\beta$ -glucan isolated from the haloalkaliphilic <i>Halomonas pantelleriensis</i> bacterium. <i>Carbohydrate Research</i> , 2007, 342, 1271-1274.	2.3	5
114	The O-specific polysaccharide structure from the lipopolysaccharide of the Gram-negative bacterium <i>Raoultella terrigena</i> . <i>Carbohydrate Research</i> , 2007, 342, 1514-1518.	2.3	16
115	The behaviour of deoxyhexose trihaloacetimidates in selected glycosylations. <i>Carbohydrate Research</i> , 2007, 342, 1021-1029.	2.3	24
116	Preparation of a glycosynthase from the $\beta$ -glycosidase of the Archaeon <i>Pyrococcus horikoshii</i> . <i>Biocatalysis and Biotransformation</i> , 2006, 24, 23-29.	2.0	8
117	Structural elucidation of the core-lipid A backbone from the lipopolysaccharide of <i>Acinetobacter radioresistens</i> S13, an organic solvent tolerant Gram-negative bacterium. <i>Carbohydrate Research</i> , 2006, 341, 582-590.	2.3	20
118	The biofilm matrix of <i>Pseudomonas</i> sp. OX1 grown on phenol is mainly constituted by alginate oligosaccharides. <i>Carbohydrate Research</i> , 2006, 341, 2456-2461.	2.3	17
119	The structures of the cell wall teichoic acids from the thermophilic microorganism <i>Geobacillus thermoleovorans</i> strain Fango. <i>Carbohydrate Research</i> , 2006, 341, 2613-2618.	2.3	3
120	Brønsted acidity of ceric ammonium nitrate in anhydrous DMF. The role of salt and solvent in sucrose cleavage. <i>Tetrahedron</i> , 2006, 62, 2350-2356.	1.9	9
121	Synthetic oligorhamnans related to the most common O-chain backbone from phytopathogenic bacteria. <i>Tetrahedron</i> , 2006, 62, 8474-8483.	1.9	13
122	The O-chain structure from the LPS of the endophytic bacterium <i>Burkholderia cepacia</i> strain ASP B 2D. <i>Carbohydrate Research</i> , 2006, 341, 2954-2958.	2.3	15
123	Structural Characterisation of the Core Oligosaccharides Isolated from the Lipooligosaccharide Fraction of <i>Agrobacterium tumefaciens</i> A1. <i>Chemistry - A European Journal</i> , 2006, 12, 4668-4674.	3.3	5
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