

Rosa Lanzetta

List of Publications by Year in descending order

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234
papers

6,222
citations

93792

39
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150775

59
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248
all docs

248
docs citations

248
times ranked

6074
citing authors

#	ARTICLE	IF	CITATIONS
1	A Journey from Structure to Function of Bacterial Lipopolysaccharides. <i>Chemical Reviews</i> , 2022, 122, 15767-15821.	23.0	82
2	The Astounding World of Glycans from Giant Viruses. <i>Chemical Reviews</i> , 2022, 122, 15717-15766.	23.0	6
3	Physicochemical Approach to Understanding the Structure, Conformation, and Activity of Mannan Polysaccharides. <i>Biomacromolecules</i> , 2021, 22, 1445-1457.	2.6	25
4	Characterisation of the Dynamic Interactions between Complex <i>N</i> -Glycans and Human CD22. <i>ChemBioChem</i> , 2020, 21, 129-140.	1.3	16
5	Levan from a new isolated <i>Bacillus subtilis</i> AF17: Purification, structural analysis and antioxidant activities. <i>International Journal of Biological Macromolecules</i> , 2020, 144, 316-324.	3.6	56
6	Nanoparticles decorated with folate based on a site-selective β -CD-rotaxanated PEG- <i>b</i> -PCL copolymer for targeted cancer therapy. <i>Polymer Chemistry</i> , 2020, 11, 3892-3903.	1.9	6
7	Potential biotechnological properties of an exopolysaccharide produced by newly isolated <i>Bacillus tequilensis</i> -GM from spontaneously fermented goat milk. <i>LWT - Food Science and Technology</i> , 2019, 105, 135-141.	2.5	26
8	Isolation and structural characterization of levan produced by probiotic <i>Bacillus tequilensis</i> -GM from Tunisian fermented goat milk. <i>International Journal of Biological Macromolecules</i> , 2019, 133, 786-794.	3.6	26
9	Human Macrophage Galactose- α -Type Lectin (MGL) Recognizes the Outer Core of <i>Escherichia coli</i> Lipooligosaccharide. <i>ChemBioChem</i> , 2019, 20, 1778-1782.	1.3	21
10	Structure of the chlorovirus PBCV-1 major capsid glycoprotein determined by combining crystallographic and carbohydrate molecular modeling approaches. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E44-E52.	3.3	29
11	Production and structural characterization of exopolysaccharides from newly isolated probiotic lactic acid bacteria. <i>International Journal of Biological Macromolecules</i> , 2018, 108, 719-728.	3.6	132
12	Bradyrhizobium Lipid A: Immunological Properties and Molecular Basis of Its Binding to the Myeloid Differentiation Protein-2/Toll-Like Receptor 4 Complex. <i>Frontiers in Immunology</i> , 2018, 9, 1888.	2.2	9
13	Exopolysaccharides from Marine and Marine Extremophilic Bacteria: Structures, Properties, Ecological Roles and Applications. <i>Marine Drugs</i> , 2018, 16, 69.	2.2	156
14	The Structure of the Lipid A from the Halophilic Bacterium <i>Spiribacter salinus</i> M19-40T. <i>Marine Drugs</i> , 2018, 16, 124.	2.2	9
15	Lipid A structural characterization from the LPS of the Siberian psychro-tolerant <i>Psychrobacter arcticus</i> 273-4 grown at low temperature. <i>Extremophiles</i> , 2018, 22, 955-963.	0.9	2
16	<i>Rhodopseudomonas palustris</i> Strain CGA009 Produces an O-Antigen Built up by a C-4-Branched Monosaccharide: Structural and Conformational Studies. <i>Organic Letters</i> , 2018, 20, 3656-3660.	2.4	3
17	<i>Xanthomonas citri</i> pv. <i>citri</i> Pathotypes: LPS Structure and Function as Microbe-Associated Molecular Patterns. <i>ChemBioChem</i> , 2017, 18, 772-781.	1.3	12
18	The Lipid A from <i>Rhodopseudomonas palustris</i> Strain BisA53 LPS Possesses a Unique Structure and Low Immunostimulant Properties. <i>Chemistry - A European Journal</i> , 2017, 23, 3637-3647.	1.7	26

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19	Protective effect of <i>Opuntia ficus - indica</i> L. cladodes against UVA-induced oxidative stress in normal human keratinocytes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 5485-5489.	1.0	34
20	Structural characterization of an all-aminosugar-containing capsular polysaccharide from <i>Colwellia psychrerythraea</i> 34H. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 1377-1387.	0.7	26
21	Unusual Lipid...A from a Cold-Adapted Bacterium: Detailed Structural Characterization. <i>ChemBioChem</i> , 2017, 18, 1845-1854.	1.3	21
22	Structure-activity relationship of the exopolysaccharide from a psychrophilic bacterium: A strategy for cryoprotection. <i>Carbohydrate Polymers</i> , 2017, 156, 364-371.	5.1	83
23	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.	5.1	66
24	<i>Prevotella denticola</i> Lipopolysaccharide from a Cystic Fibrosis Isolate Possesses a Unique Chemical Structure. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 1732-1738.	1.2	11
25	N-Linked Glycans of Chloroviruses Sharing a Core Architecture without Precedent. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 654-658.	7.2	35
26	The structure of the lipooligosaccharide from <i>Xanthomonas oryzae</i> pv. <i>Oryzae</i> : the causal agent of the bacterial leaf blight in rice. <i>Carbohydrate Research</i> , 2016, 427, 38-43.	1.1	26
27	Structural characterization of the lipid A from the LPS of the haloalkaliphilic bacterium <i>Halomonas pantelleriensis</i> . <i>Extremophiles</i> , 2016, 20, 687-694.	0.9	5
28	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.	2.2	20
29	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.	6.6	78
30	Activation of Human Toll-like Receptor 4 (TLR4)-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.	1.6	47
31	Lipopolysaccharides as Microbe-associated Molecular Patterns: A Structural Perspective. <i>RSC Drug Discovery Series</i> , 2015, , 38-63.	0.2	15
32	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.	1.1	5
33	Bacterial Lipopolysaccharides: An Overview of Their Structure, Biosynthesis and Immunological Activity. , 2015, , 57-89.		4
34	<i>Burkholderia pseudomallei</i> Capsular Polysaccharide Recognition by a Monoclonal Antibody Reveals Key Details toward a Biodefense Vaccine and Diagnostics against Melioidosis. <i>ACS Chemical Biology</i> , 2015, 10, 2295-2302.	1.6	36
35	Synthesis of the tetrasaccharide outer core fragment of <i>Burkholderia multivorans</i> lipooligosaccharide. <i>Carbohydrate Research</i> , 2015, 403, 182-191.	1.1	7
36	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.	1.0	30

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37	Versatility of the <i>Burkholderia cepacia</i> Complex for the Biosynthesis of Exopolysaccharides: A Comparative Structural Investigation. <i>PLoS ONE</i> , 2014, 9, e94372.	1.1	46
38	Thermophiles as Potential Source of Novel Endotoxin Antagonists: the Full Structure and Bioactivity of the Lipopolysaccharide from <i>Thermomonas hydrothermalis</i> . <i>ChemBioChem</i> , 2014, 15, 2146-2155.	1.3	20
39	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.	5.1	13
40	Structural investigation of the antagonist LPS from the cyanobacterium <i>Oscillatoria planktothrix</i> FP1. <i>Carbohydrate Research</i> , 2014, 388, 73-80.	1.1	25
41	Covalently linked hopanoid-lipid A improves outer-membrane resistance of a <i>Bradyrhizobium</i> symbiont of legumes. <i>Nature Communications</i> , 2014, 5, 5106.	5.8	88
42	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.	1.1	2
43	Innate immunity probed by lipopolysaccharides affinity strategy and proteomics. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 775-784.	1.9	9
44	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.	1.1	10
45	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.	1.1	5
46	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.	1.1	11
47	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.	1.2	3
48	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.	1.2	16
49	Chemistry and Biology of the Potent Endotoxin from a <i>Burkholderia dolosa</i> Clinical Isolate from a Cystic Fibrosis Patient. <i>ChemBioChem</i> , 2013, 14, 1105-1115.	1.3	24
50	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.	3.3	49
51	Unraveling the Interaction between the LPS Antigen of <i>Burkholderia anthina</i> and the 5D8 Monoclonal Antibody by Using a Multidisciplinary Chemical Approach, with Synthesis, NMR, and Molecular Modeling Methods. <i>ChemBioChem</i> , 2013, 14, 1485-1493.	1.3	8
52	The Lipid A from the Haloalkaliphilic Bacterium <i>Salinivibrio sharmensis</i> Strain BAGT. <i>Marine Drugs</i> , 2013, 11, 184-193.	2.2	8
53	Lipopolysaccharide structure and biological activity from the cystic fibrosis pathogens <i>Burkholderia cepacia</i> complex. <i>Carbohydrate Chemistry</i> , 2012, , 13-39.	0.3	6
54	Bacterial Lipopolysaccharides in Plant and Mammalian Innate Immunity. <i>Protein and Peptide Letters</i> , 2012, 19, 1040-1044.	0.4	17

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55	Occurrence and structure of cyclic Enterobacterial Common Antigen in <i>Escherichia coli</i> O157:H7. <i>Carbohydrate Research</i> , 2012, 363, 29-32.	1.1	9
56	Preparation and NMR characterization of glucosamine oligomers bearing an azide function using chitosan. <i>Carbohydrate Polymers</i> , 2012, 90, 847-852.	5.1	9
57	Structure of the lipopolysaccharide isolated from the novel species <i>Uruburuella suis</i> . <i>Carbohydrate Research</i> , 2012, 357, 75-82.	1.1	8
58	NMR Spectroscopic Analysis Reveals Extensive Binding Interactions of Complex Xyloglucan Oligosaccharides with the <i>Cellvibrio japonicus</i> Glycoside Hydrolase Family 31 α -Xylosidase. <i>Chemistry - A European Journal</i> , 2012, 18, 13395-13404.	1.7	25
59	Structural Study of Binding of α -Mannosides to Mannan-Binding Lectins. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 5275-5281.	1.2	4
60	Structural Study of the Lipopolysaccharide O-Antigen Produced by the Emerging Cystic Fibrosis Pathogen <i>Pandoraea pulmonicola</i> . <i>European Journal of Organic Chemistry</i> , 2012, 2012, 2243-2249.	1.2	8
61	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.	1.7	12
62	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.	1.1	13
63	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.	6.2	33
64	Chemical Basis of Peptidoglycan Discrimination by PrkC, a Key Kinase Involved in Bacterial Resuscitation from Dormancy. <i>Journal of the American Chemical Society</i> , 2011, 133, 20676-20679.	6.6	89
65	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.	1.1	12
66	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.	1.1	7
67	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.	1.1	41
68	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.	0.7	43
69	Molecular Modeling Study of the Carbohydrate Region of the Endotoxin from <i>Burkholderia cenocepacia</i> ET-12. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 5114-5122.	1.2	0
70	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.	7.2	24
71	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.	1.7	33
72	O-chain structure from the lipopolysaccharide of the human pathogen <i>Halomonas stevensii</i> strain S18214. <i>Carbohydrate Research</i> , 2011, 346, 362-365.	1.1	12

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73	The complete structure of the core of the LPS from <i>Plesiomonas shigelloides</i> 302 and the identification of its O-antigen biological repeating unit. <i>Carbohydrate Research</i> , 2010, 345, 2523-2528.	1.1	24
74	Structural Elucidation of a Novel <i>B. cenocepacia</i> ET-12 Lipooligosaccharide Isolated from a Cystic Fibrosis Patient after Lung Transplantation. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 1299-1306.	1.2	7
75	Complete Lipooligosaccharide Structure of the Clinical Isolate <i>Acinetobacter baumannii</i> , Strain SMAL. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 1345-1352.	1.2	21
76	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.	1.2	15
77	An Unusual Galactofuranose Lipopolysaccharide That Ensures the Intracellular Survival of Toxin-Producing Bacteria in Their Fungal Host. <i>Angewandte Chemie</i> , 2010, 122, 7638-7642.	1.6	13
78	An Unusual Galactofuranose Lipopolysaccharide That Ensures the Intracellular Survival of Toxin-Producing Bacteria in Their Fungal Host. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7476-7480.	7.2	50
79	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.	1.1	11
80	The structure of the carbohydrate backbone of the lipooligosaccharide from an alkaliphilic <i>Halomonas</i> sp.. <i>Carbohydrate Research</i> , 2010, 345, 1971-1975.	1.1	8
81	Against the rules: A marine bacterium, <i>Loktanella rosea</i> , possesses a unique lipopolysaccharide. <i>Glycobiology</i> , 2010, 20, 586-593.	1.3	11
82	Glyco-conjugates as elicitors or suppressors of plant innate immunity. <i>Glycobiology</i> , 2010, 20, 406-419.	1.3	162
83	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.	1.1	16
84	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.	1.5	6
85	Characterization of liposomes formed by lipopolysaccharides from <i>Burkholderia cenocepacia</i> , <i>Burkholderia multivorans</i> and <i>Agrobacterium tumefaciens</i> : from the molecular structure to the aggregate architecture. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 13574.	1.3	32
86	Lipopolysaccharides. , 2010, , 133-153.		25
87	Bacteriophage-Resistant <i>Staphylococcus aureus</i> Mutant Confers Broad Immunity against Staphylococcal Infection in Mice. <i>PLoS ONE</i> , 2010, 5, e11720.	1.1	91
88	Structural analysis of chondroitin sulfate from <i>Scyliorhinus canicula</i> : A useful source of this polysaccharide. <i>Glycobiology</i> , 2009, 19, 1485-1491.	1.3	51
89	First structural characterization of <i>Burkholderia vietnamiensis</i> lipooligosaccharide from cystic fibrosis-associated lung transplantation strains. <i>Glycobiology</i> , 2009, 19, 1214-1223.	1.3	16
90	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.	0.9	3

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91	Structural Study and Conformational Behavior of the Two Different Lipopolysaccharide O-antigens Produced by the Cystic Fibrosis Pathogen <i>Burkholderia multivorans</i> . Chemistry - A European Journal, 2009, 15, 7156-7166.	1.7	19
92	Structure of the Core Region from the Lipopolysaccharide of <i>Plesiomonas shigelloides</i> Strain 302-73 (Serotype O1). European Journal of Organic Chemistry, 2009, 2009, 1365-1371.	1.2	19
93	The Structures of Lipopolysaccharides from Plant-associated Gram-negative Bacteria. European Journal of Organic Chemistry, 2009, 2009, 5887-5896.	1.2	26
94	The structure of the O-specific polysaccharide from the lipopolysaccharide of <i>Burkholderia anthina</i> . Carbohydrate Research, 2009, 344, 1697-1700.	1.1	13
95	Structural determination of the O-chain polysaccharide from the haloalkaliphilic <i>Halomonas alkaliantarctica</i> bacterium strain CRSS. Carbohydrate Research, 2009, 344, 2051-2055.	1.1	14
96	Iron-binding characterization and polysaccharide production by <i>Klebsiella oxytoca</i> strain isolated from mine acid drainage. Journal of Applied Microbiology, 2009, 107, 1241-1250.	1.4	38
97	Mesoscopic and microstructural characterization of liposomes formed by the lipooligosaccharide from <i>Salmonella minnesota</i> strain 595 (Re mutant). Physical Chemistry Chemical Physics, 2009, 11, 2314.	1.3	18
98	<i>Pseudomonas aeruginosa</i> Exploits Lipid A and Muropeptides Modification as a Strategy to Lower Innate Immunity during Cystic Fibrosis Lung Infection. PLoS ONE, 2009, 4, e8439.	1.1	116
99	A novel capsular polysaccharide from <i>Rhizobium rubi</i> strain DSM 30149. Carbohydrate Research, 2008, 343, 1482-1485.	1.1	3
100	Structural elucidation of the capsular polysaccharide isolated from <i>Kaistella flava</i> . Carbohydrate Research, 2008, 343, 2401-2405.	1.1	12
101	Structural characterizations of lipids A by MS/MS of doubly charged ions on a hybrid linear ion trap/orbitrap mass spectrometer. Journal of Mass Spectrometry, 2008, 43, 478-484.	0.7	21
102	The Acylation and Phosphorylation Pattern of Lipid A from <i>Xanthomonas campestris</i> Strongly Influence its Ability to Trigger the Innate Immune Response in Arabidopsis. ChemBioChem, 2008, 9, 896-904.	1.3	56
103	<i>Rhizobium rubi</i> ^T : A Gram-negative Phytopathogenic Bacterium Expressing the Lewis B Epitope on the Outer Core of its Lipooligosaccharide Fraction. ChemBioChem, 2008, 9, 1830-1835.	1.3	3
104	Highly Phosphorylated Core Oligosaccharide Structures from Cold-adapted <i>Psychromonas arctica</i> . Chemistry - A European Journal, 2008, 14, 9368-9376.	1.7	32
105	Structural Characterization of the Core Region of the Lipopolysaccharide from the Haloalkaliphilic <i>Halomonas pantelleriensis</i> : Identification of the Biological O-Antigen Repeating Unit. European Journal of Organic Chemistry, 2008, 2008, 721-728.	1.2	14
106	The Structure of the O-chain Polysaccharide from the Gram-negative Endophytic Bacterium <i>Burkholderia phytofirmans</i> Strain PsJN. European Journal of Organic Chemistry, 2008, 2008, 2303-2308.	1.2	10
107	Structural Studies of the O-chain Polysaccharide from <i>Plesiomonas shigelloides</i> Strain 302-73 (Serotype O1). European Journal of Organic Chemistry, 2008, 2008, 3149-3155.	1.2	26
108	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. Carbohydrate Research, 2008, 343, 674-684.	1.1	10

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109	Lipopolysaccharide structures from <i>Agrobacterium</i> and <i>Rhizobiaceae</i> species. <i>Carbohydrate Research</i> , 2008, 343, 1924-1933.	1.1	61
110	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.	6.2	129
111	Use of chitosan for chromium removal from exhausted tanning baths. <i>Water Science and Technology</i> , 2008, 58, 735-739.	1.2	10
112	Review: Chemical and biological features of <i>Burkholderia cepacia</i> complex lipopolysaccharides. <i>Innate Immunity</i> , 2008, 14, 127-144.	1.1	70
113	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.	1.3	30
114	Full structural characterization of <i>Shigella flexneri</i> M90T serotype 5 wild-type R-LPS and its galU mutant: glycine residue location in the inner core of the lipopolysaccharide. <i>Glycobiology</i> , 2007, 18, 260-269.	1.3	19
115	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.	2.0	25
116	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.	1.0	31
117	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.	1.5	9
118	<i>Agrobacterium rubi</i> TDSM 6772 Produces a Lipophilic Polysaccharide Capsule whose Degree of Acetylation is Growth Modulated. <i>Biomacromolecules</i> , 2007, 8, 1047-1051.	2.6	16
119	Molecular Structure of Endotoxins from Gram-negative Marine Bacteria: An Update. <i>Marine Drugs</i> , 2007, 5, 85-112.	2.2	58
120	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.	1.7	61
121	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.	1.2	12
122	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.	1.2	29
123	The O-chain structure from the LPS of the bacterium <i>Naxibacter alkalitolerans</i> YIM 31775T. <i>Carbohydrate Research</i> , 2007, 342, 757-761.	1.1	3
124	O-Allyl decoration on β -glucan isolated from the haloalkaliphilic <i>Halomonas pantelleriensis</i> bacterium. <i>Carbohydrate Research</i> , 2007, 342, 1271-1274.	1.1	5
125	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.	1.1	16
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