CzesÅ‚aw Åugowski

List of Publications by Year
in descending order

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65 papers	1,701 citations	346980 22 h-index	340414 39 g-index
66 all docs	66 docs citations	66 times ranked	1215 citing authors

#	Article	IF	Citations
1	A New Look at the Enterobacterial Common Antigen Forms Obtained during Rough Lipopolysaccharides Purification. International Journal of Molecular Sciences, 2021, 22, 701.	1.8	2
2	Structure and Immunogenicity of the Bordetella pertussis LOS-Derived Oligosaccharides in the Endosomal-Like Pre-Processing Mice Model. Vaccines, 2021, 9, 645.	2.1	2
3	Structural Studies of the Lipopolysaccharide Isolated from Plesiomonas shigelloides O22:H3 (CNCTC) Tj ETQq1 1 0.784314 rgBT /Ove	1.8	8
4	Lipopolysaccharide-Linked Enterobacterial Common Antigen (ECALPS) Occurs in Rough Strains of Escherichia coli R1, R2, and R4. International Journal of Molecular Sciences, 2020, 21, 6038.	1.8	23
5	Editorial: O-specific polysaccharide confers lysozyme resistance to extraintestinal pathogenic Escherichia coli. Virulence, 2018, 9, 919-922.	1.8	3
6	Changes in the lipopolysaccharide of Proteus mirabilis 9B-m (O11a) clinical strain in response to planktonic or biofilm type of growth. Medical Microbiology and Immunology, 2018, 207, 129-139.	2.6	7
7	Interaction of Mannose-Binding Lectin With Lipopolysaccharide Outer Core Region and Its Biological Consequences. Frontiers in Immunology, 2018, 9, 1498.	2.2	20
8	The New Structure of Core Oligosaccharide Presented by Proteus penneri 40A and 41 Lipopolysaccharides. International Journal of Molecular Sciences, 2018, 19, 676.	1.8	0
9	The Complete Structure of the Core Oligosaccharide from Edwardsiella tarda EIB 202 Lipopolysaccharide. International Journal of Molecular Sciences, 2017, 18, 1163.	1.8	6
10	Structureâ€“Activity Relationship of Plesiomonas shigelloides Lipid A to the Production of TNF-Î±, IL-1Î², and IL-6 by Human and Murine Macrophages. Frontiers in Immunology, 2017, 8, 1741.	2.2	4
11	Genetic Diversity of O-Antigens in Hafnia alvei and the Development of a Suspension Array for Serotype Detection. PLoS ONE, 2016, 11, e0155115.	1.1	8
12	Fractionation and analysis of lipopolysaccharide-derived oligosaccharides by zwitterionic-type hydrophilic interaction liquid chromatography coupled with electrospray ionisation mass spectrometry. Carbohydrate Research, 2016, 427, 29-37.	1.1	8
13	The O-antigen of Plesiomonas shigelloides serotype O36 containing pseudaminic acid. Carbohydrate Research, 2016, 434, 1-5.	1.1	18
14	A New Ligand-Based Method for Purifying Active Human Plasma-Derived Ficolin-3 Complexes Supports the Phenomenon of Crosstalk between Pattern-Recognition Molecules and Immunoglobulins. PLoS ONE, 2016, 11, e0156691.	1.1	5
15	Core oligosaccharide of Escherichia coli Bâ€”the structure required for bacteriophage T4 recognition. Carbohydrate Research, 2015, 413, 51-54.	1.1	6
16	First Evidence for a Covalent Linkage between Enterobacterial Common Antigen and Lipopolysaccharide in Shigella sonnei Phase II ECALPS. Journal of Biological Chemistry, 2014, 289, 2745-2754.	1.6	23
17	The amide of galacturonic acid with lysine as an immunodominant component of the lipopolysaccharide core region from Proteus penneri 42 strain. Acta Biochimica Polonica, 2014, 61, 129-32.	0.3	5
18	The novel structure of the core oligosaccharide backbone of the lipopolysaccharide from the Plesiomonas shigelloides strain CNCTC 80/89 (serotype O13). Carbohydrate Research, 2013, 380, 45-50.	1.1	8

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19	The unique structure of complete lipopolysaccharide isolated from semi-rough Plesiomonas shigelloides O37 (strain CNCTC 39/89) containing (2S)-O-(4-oxopentanoic acid)-Î±-d-Glcp (Î±-d-Lenose). Carbohydrate Research, 2013, 378, 98-107.	1.1	11
20	Core Oligosaccharide of Plesiomonas shigelloides PCM 2231 (Serotype O17) Lipopolysaccharide â€" Structural and Serological Analysis. Marine Drugs, 2013, 11, 440-454.	2.2	9
21	New functional ligands for ficolin-3 among lipopolysaccharides of Hafnia alvei. Glycobiology, 2012, 22, 267-280.	1.3	38
22	H-ficolin (ficolin-3) concentrations and FCN3 gene polymorphism in neonates. Immunobiology, 2012, 217, 730-737.	0.8	41
23	Elevated levels of antiâ€endotoxin antibodies in patients with bilateral idiopathic acute anterior uveitis. Acta Ophthalmologica, 2011, 89, e283-8.	0.6	5
24	Novel O-antigen of Hafnia alvei PCM 1195 lipopolysaccharide with a teichoic acid-like structure. Carbohydrate Research, 2010, 345, 270-274.	1.1	4
25	Structural analysis of the lipid A isolated from Hafnia alvei 32 and PCM 1192 lipopolysaccharides. Journal of Lipid Research, 2010, 51, 564-574.	2.0	33
26	Structures of two novel, serologically nonrelated core oligosaccharides of Yokenella regensburgei lipopolysaccharides differing only by a single hexose substitution. Glycobiology, 2010, 20, 207-214.	1.3	3
27	Two Kdo-Heptose Regions Identified inHafnia alvei32 Lipopolysaccharide: the Complete Core Structure and Serological Screening of DifferentHafniaO Serotypes. Journal of Bacteriology, 2009, 191, 533-544.	1.0	14
28	Structural analysis of the O-specific polysaccharide isolated from Plesiomonas shigelloides O51 lipopolysaccharide. Carbohydrate Research, 2009, 344, 894-900.	1.1	22
29	Bacteriophage preparation inhibition of reactive oxygen species generation by endotoxin-stimulated polymorphonuclear leukocytes. Virus Research, 2008, 131, 233-242.	1.1	78
30	Complete Lipopolysaccharide of Plesiomonas shigelloides O74:H5 (Strain CNCTC 144/92). 1. Structural Analysis of the Highly Hydrophobic Lipopolysaccharide, Including the O-Antigen, Its Biological Repeating Unit, the Core Oligosaccharide, and the Linkage between Them,. Biochemistry, 2006, 45, 10422-10433.	1.2	32
31	Complete Lipopolysaccharide of Plesiomonas shigelloides O74:H5 (Strain CNCTC 144/92). 2. Lipid A, Its Structural Variability, the Linkage to the Core Oligosaccharide, and the Biological Activity of the Lipopolysaccharide,. Biochemistry, 2006, 45, 10434-10447.	1.2	22
32	Structure of the lipid Aâ€"inner core region and biological activity of Plesiomonas shigelloides O54 (strain CNCTC 113/92) lipopolysaccharide. Glycobiology, 2006, 16, 538-550.	1.3	17
33	Epitope of the Vaccine-Type Bordetella pertussis Strain 186 Lipooligosaccharide and Antiendotoxin Activity of Antibodies Directed against the Terminal Pentasaccharide-Tetanus Toxoid Conjugate. Infection and Immunity, 2005, 73, 7381-7389.	1.0	27
34	The O-acetylation patterns in the O-antigens of Hafnia alvei strains PCM 1200 and 1203, serologically closely related to PCM 1205. Carbohydrate Research, 2004, 339, 2521-2527.	1.1	12
35	Serological characterization of anti-endotoxin serum directed against the conjugate of oligosaccharide core ofEscherichia colitype R4 with tetanus toxoid. FEMS Immunology and Medical Microbiology, 2003, 37, 59-67.	2.7	14
36	Core Oligosaccharides of Plesiomonas shigelloidesO54:H2 (Strain CNCTC 113/92). Journal of Biological Chemistry, 2002, 277, 11653-11663.	1.6	45

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37	Comparison of serological specificity of anti-endotoxin sera directed against whole bacterial cells and core oligosaccharide of Escherichia coli J5-tetanus toxoid conjugate.. Acta Biochimica Polonica, 2002, 49, 721-734.	0.3	6
38	Structural studies of the O-specific polysaccharide from Plesiomonas shigelloides strain CNCTC 113/92. FEBS Journal, 2000, 267, 1672-1679.	0.2	46
39	Structural studies of the O-specific polysaccharide of Hafnia alvei strain PCM 1207 lipopolysaccharide. FEBS Journal, 1999, 266, 53-61.	0.2	31
40	Structures of the O-Specific Polysaccharides from Yokenella regensburgei (Koserella trabulsii) Strains PCM 2476, 2477, 2478, and 2494:â€‰ High-Resolution Magic-Angle Spinning NMR Investigation of the O-Specific Polysaccharides in Native Lipopolysaccharides and Directly on the Surface of Living Bacteria. Biochemistry, 1999, 38, 11788-11795.	1.2	54
41	R-form lipopolysaccharides (LPS) of Gram-negative bacteria as possible vaccine antigens. FEMS Immunology and Medical Microbiology, 1997, 18, 139-145.	2.7	11
42	Structural Studies of the O-Specific Polysaccharide of Hafnia alvei Strain PCM 1206 Lipopolysaccharide Containing D-Allothreonine. FEBS Journal, 1997, 244, 580-586.	0.2	53
43	Structural Studies of the O-Specific Chains of Hafnia Alvei Strains 744, PCM 1194 and PCM 1210 Lipopolysaccharides. FEBS Journal, 1997, 245, 668-675.	0.2	10
44	Structural studies of the O-specific chain of Hafnia alvei strain PCM 1190 lipopolysaccharide. Carbohydrate Research, 1997, 298, 219-227.	1.1	12
45	Structural Studies of the O-Specific Polysaccharide of Hafnia alvei Strain 1209 Lipopolysaccharide. FEBS Journal, 1996, 237, 635-641.	0.2	27
46	Structural studies of the O-specific chain of Hafnia alvei strain 32 lipopolysaccharide. Carbohydrate Research, 1996, 292, 117-128.	1.1	12
47	Serological characterisation of anti-endotoxin sera directed against the conjugates of oligosaccharide core ofEscherichia colitype R1, R2, R3, J5 andSalmonellaRa with tetanus toxoid. FEMS Immunology and Medical Microbiology, 1996, 16, 21-30.	2.7	14
48	Anti-endotoxin antibodies directed againstEscherichia coliR-1 oligosaccharide core-tetanus toxoid conjugate bind to smooth, live bacteria and smooth lipopolysaccharides and attenuate their tumor necrosis factor stimulating activity. FEMS Immunology and Medical Microbiology, 1996, 16, 31-38.	2.7	12
49	Structural and serological studies of lipopolysaccharides ofCitrobacterO35 and O38 antigenically related toSalmonella. FEMS Immunology and Medical Microbiology, 1996, 13, 1-8.	2.7	15
50	Structural studies of the O-specific chain and a core hexasaccharide of Hafnia alvei strain 1192 lipopolysaccharide. Carbohydrate Research, 1995, 269, 125-138.	1.1	35
51	The structure of a core oligosaccharide component from Hafnia alvei strain 32 and 1192 lipopolysaccharides. Carbohydrate Research, 1994, 251, 327-330.	1.1	16
52	Immunochemical characterization ofCitrobacterstrain PCM 1487 O-specific polysaccharide- and core oligossaccharide-protein conjugates. FEMS Microbiology Letters, 1992, 89, 201-208.	0.7	0
53	Saccharide-protein covalent conjugates: immunochemical characterization ofCitrobacter036 core oligosaccharide-tetanus toxoid conjugates. FEMS Microbiology Letters, 1991, 76, 1-5.	0.7	1
54	Structure elucidation of the core regions from Citrobacter O4 and O36 lipopolysaccharides by chemical and enzymic methods, gas chromatography/mass spectrometry, and NMR spectroscopy at 500 MHz. Biochemistry, 1988, 27, 4153-4161.	1.2	36

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55	Characterization and diagnostic application of a lipopolysaccharide core oligosaccharide-protein conjugate. Journal of Immunological Methods, 1986, 95, 187-194.	0.6	21
56	Structural studies of the o-specific side-chains of the Escherichia coli O 10 lipopolysaccharide. Carbohydrate Research, 1986, 151, 349-358.	1.1	22
57	The enterobacterial common-antigen, a cyclic polysaccharide. Carbohydrate Research, 1984, 133, 95-104.	1.1	76
58	Structural determination of the capsular polysaccharide of Streptococcus pneumoniae type 18C (56). Carbohydrate Research, 1984, 131, 119-129.	1.1	32
59	Identification of a trisaccharide repeating-unit in the enterobacterial common-antigen. Carbohydrate Research, 1983, 118, 173-181.	1.1	101
60	Structure of native polysaccharide antigens of type Ia and type Ib group B Streptococcus. Biochemistry, 1983, 22, 1258-1264.	1.2	95
61	Conformational aspects critical to the immunospecificity of the type III group B streptococcal polysaccharide. Biochemistry, 1981, 20, 4511-4518.	1.2	124
62	Structural and Serological Analysis of Citrobacter-036-Specific Polvsaccharide, the Homopolymer of (betal 2)-Linked 4-Deoxy-d-arabinohexopyranosyl Units. FEBS Journal, 1981, 121, 119-123.	0.2	34
63	Structure of the complex polysaccharide C-substance from Streptococcus pneumoniae type 1. Biochemistry, 1980, 19, 4712-4719.	1.2	157
64	Enterobacterial Common Antigen: Isolation from Shigella sonnei, Purification and Immunochemical Characterization. FEBS Journal, 1978, 91, 89-97.	0.2	40
65	Chemical Studies on Shigella sonnei Lipid A. FEBS Journal, 1974, 48, 319-323.	0.2	22