

Czesław Augowski

List of Publications by Year in descending order

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65
papers

1,701
citations

304743

22
h-index

302126

39
g-index

66
all docs

66
docs citations

66
times ranked

1098
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of the complex polysaccharide C-substance from <i>Streptococcus pneumoniae</i> type 1. <i>Biochemistry</i> , 1980, 19, 4712-4719.	2.5	157
2	Conformational aspects critical to the immunospecificity of the type III group B streptococcal polysaccharide. <i>Biochemistry</i> , 1981, 20, 4511-4518.	2.5	124
3	Identification of a trisaccharide repeating-unit in the enterobacterial common-antigen. <i>Carbohydrate Research</i> , 1983, 118, 173-181.	2.3	101
4	Structure of native polysaccharide antigens of type Ia and type Ib group B <i>Streptococcus</i> . <i>Biochemistry</i> , 1983, 22, 1258-1264.	2.5	95
5	Bacteriophage preparation inhibition of reactive oxygen species generation by endotoxin-stimulated polymorphonuclear leukocytes. <i>Virus Research</i> , 2008, 131, 233-242.	2.2	78
6	The enterobacterial common-antigen, a cyclic polysaccharide. <i>Carbohydrate Research</i> , 1984, 133, 95-104.	2.3	76
7	Structures of the O-Specific Polysaccharides from <i>Yokenella regensburgei</i> (<i>Koserella trabulsii</i>) Strains PCM 2476, 2477, 2478, and 2494: High-Resolution Magic-Angle Spinning NMR Investigation of the O-Specific Polysaccharides in Native Lipopolysaccharides and Directly on the Surface of Living Bacteria. <i>Biochemistry</i> , 1999, 38, 11788-11795.	2.5	54
8	Structural Studies of the O-Specific Polysaccharide of <i>Hafnia alvei</i> Strain PCM 1206 Lipopolysaccharide Containing D-Allothreonine. <i>FEBS Journal</i> , 1997, 244, 580-586.	0.2	53
9	Structural studies of the O-specific polysaccharide from <i>Plesiomonas shigelloides</i> strain CNCTC 113/92. <i>FEBS Journal</i> , 2000, 267, 1672-1679.	0.2	46
10	Core Oligosaccharides of <i>Plesiomonas shigelloides</i> O54:H2 (Strain CNCTC 113/92). <i>Journal of Biological Chemistry</i> , 2002, 277, 11653-11663.	3.4	45
11	H-ficolin (ficolin-3) concentrations and FCN3 gene polymorphism in neonates. <i>Immunobiology</i> , 2012, 217, 730-737.	1.9	41
12	Enterobacterial Common Antigen: Isolation from <i>Shigella sonnei</i> , Purification and Immunochemical Characterization. <i>FEBS Journal</i> , 1978, 91, 89-97.	0.2	40
13	New functional ligands for ficolin-3 among lipopolysaccharides of <i>Hafnia alvei</i> . <i>Glycobiology</i> , 2012, 22, 267-280.	2.5	38
14	Structure elucidation of the core regions from <i>Citrobacter</i> O4 and O36 lipopolysaccharides by chemical and enzymic methods, gas chromatography/mass spectrometry, and NMR spectroscopy at 500 MHz. <i>Biochemistry</i> , 1988, 27, 4153-4161.	2.5	36
15	Structural studies of the O-specific chain and a core hexasaccharide of <i>Hafnia alvei</i> strain 1192 lipopolysaccharide. <i>Carbohydrate Research</i> , 1995, 269, 125-138.	2.3	35
16	Structural and Serological Analysis of <i>Citrobacter</i> -O36-Specific Polysaccharide, the Homopolymer of (beta1 2)-Linked 4-Deoxy-d-arabino-hexopyranosyl Units. <i>FEBS Journal</i> , 1981, 121, 119-123.	0.2	34
17	Structural analysis of the lipid A isolated from <i>Hafnia alvei</i> 32 and PCM 1192 lipopolysaccharides. <i>Journal of Lipid Research</i> , 2010, 51, 564-574.	4.2	33
18	Structural determination of the capsular polysaccharide of <i>Streptococcus pneumoniae</i> type 18C (56). <i>Carbohydrate Research</i> , 1984, 131, 119-129.	2.3	32

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19	Complete Lipopolysaccharide of <i>Plesiomonas shigelloides</i> 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., <i>Biochemistry</i> , 2006, 45, 10422-10433.	2.5	32
20	Structural studies of the O-specific polysaccharide of <i>Hafnia alvei</i> strain PCM 1207 lipopolysaccharide. <i>FEBS Journal</i> , 1999, 266, 53-61.	0.2	31
21	Structural Studies of the O-Specific Polysaccharide of <i>Hafnia alvei</i> Strain 1209 Lipopolysaccharide. <i>FEBS Journal</i> , 1996, 237, 635-641.	0.2	27
22	Epitope of the Vaccine-Type <i>Bordetella pertussis</i> Strain 186 Lipooligosaccharide and Antiendotoxin Activity of Antibodies Directed against the Terminal Pentasaccharide-Tetanus Toxoid Conjugate. <i>Infection and Immunity</i> , 2005, 73, 7381-7389.	2.2	27
23	First Evidence for a Covalent Linkage between Enterobacterial Common Antigen and Lipopolysaccharide in <i>Shigella sonnei</i> Phase II ECALPS. <i>Journal of Biological Chemistry</i> , 2014, 289, 2745-2754.	3.4	23
24	Lipopolysaccharide-Linked Enterobacterial Common Antigen (ECALPS) Occurs in Rough Strains of <i>Escherichia coli</i> R1, R2, and R4. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6038.	4.1	23
25	Chemical Studies on <i>Shigella sonnei</i> Lipid A. <i>FEBS Journal</i> , 1974, 48, 319-323.	0.2	22
26	Structural studies of the o-specific side-chains of the <i>Escherichia coli</i> O 10 lipopolysaccharide. <i>Carbohydrate Research</i> , 1986, 151, 349-358.	2.3	22
27	Complete Lipopolysaccharide of <i>Plesiomonas shigelloides</i> 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., <i>Biochemistry</i> , 2006, 45, 10434-10447.	2.5	22
28	Structural analysis of the O-specific polysaccharide isolated from <i>Plesiomonas shigelloides</i> O51 lipopolysaccharide. <i>Carbohydrate Research</i> , 2009, 344, 894-900.	2.3	22
29	Characterization and diagnostic application of a lipopolysaccharide core oligosaccharide-protein conjugate. <i>Journal of Immunological Methods</i> , 1986, 95, 187-194.	1.4	21
30	Interaction of Mannose-Binding Lectin With Lipopolysaccharide Outer Core Region and Its Biological Consequences. <i>Frontiers in Immunology</i> , 2018, 9, 1498.	4.8	20
31	The O-antigen of <i>Plesiomonas shigelloides</i> serotype O36 containing pseudaminic acid. <i>Carbohydrate Research</i> , 2016, 434, 1-5.	2.3	18
32	Structure of the lipid A inner core region and biological activity of <i>Plesiomonas shigelloides</i> O54 (strain CNCTC 113/92) lipopolysaccharide. <i>Glycobiology</i> , 2006, 16, 538-550.	2.5	17
33	The structure of a core oligosaccharide component from <i>Hafnia alvei</i> strain 32 and 1192 lipopolysaccharides. <i>Carbohydrate Research</i> , 1994, 251, 327-330.	2.3	16
34	Structural and serological studies of lipopolysaccharides of <i>Citrobacter</i> O35 and O38 antigenically related to <i>Salmonella</i> . <i>FEMS Immunology and Medical Microbiology</i> , 1996, 13, 1-8.	2.7	15
35	Serological characterisation of anti-endotoxin sera directed against the conjugates of oligosaccharide core of <i>Escherichia coli</i> type R1, R2, R3, J5 and <i>Salmonella</i> Ra with tetanus toxoid. <i>FEMS Immunology and Medical Microbiology</i> , 1996, 16, 21-30.	2.7	14
36	Serological characterization of anti-endotoxin serum directed against the conjugate of oligosaccharide core of <i>Escherichia coli</i> type R4 with tetanus toxoid. <i>FEMS Immunology and Medical Microbiology</i> , 2003, 37, 59-67.	2.7	14

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37	Two Kdo-Heptose Regions Identified in <i>Hafnia alvei</i> 32 Lipopolysaccharide: the Complete Core Structure and Serological Screening of Different <i>Hafnia</i> O Serotypes. <i>Journal of Bacteriology</i> , 2009, 191, 533-544.	2.2	14
38	Structural studies of the O-specific chain of <i>Hafnia alvei</i> strain 32 lipopolysaccharide. <i>Carbohydrate Research</i> , 1996, 292, 117-128.	2.3	12
39	Anti-endotoxin antibodies directed against <i>Escherichia coli</i> R-1 oligosaccharide core-tetanus toxoid conjugate bind to smooth, live bacteria and smooth lipopolysaccharides and attenuate their tumor necrosis factor stimulating activity. <i>FEMS Immunology and Medical Microbiology</i> , 1996, 16, 31-38.	2.7	12
40	Structural studies of the O-specific chain of <i>Hafnia alvei</i> strain PCM 1190 lipopolysaccharide. <i>Carbohydrate Research</i> , 1997, 298, 219-227.	2.3	12
41	The O-acetylation patterns in the O-antigens of <i>Hafnia alvei</i> strains PCM 1200 and 1203, serologically closely related to PCM 1205. <i>Carbohydrate Research</i> , 2004, 339, 2521-2527.	2.3	12
42	R-form lipopolysaccharides (LPS) of Gram-negative bacteria as possible vaccine antigens. <i>FEMS Immunology and Medical Microbiology</i> , 1997, 18, 139-145.	2.7	11
43	The unique structure of complete lipopolysaccharide isolated from semi-rough <i>Plesiomonas shigelloides</i> O37 (strain CNCTC 39/89) containing (2S)-O-(4-oxopentanoic acid)- β -D-Glcp (β -D-Lenose). <i>Carbohydrate Research</i> , 2013, 378, 98-107.	2.3	11
44	Structural Studies of the O-Specific Chains of <i>Hafnia Alvei</i> Strains 744, PCM 1194 and PCM 1210 Lipopolysaccharides. <i>FEBS Journal</i> , 1997, 245, 668-675.	0.2	10
45	Core Oligosaccharide of <i>Plesiomonas shigelloides</i> PCM 2231 (Serotype O17) Lipopolysaccharide – Structural and Serological Analysis. <i>Marine Drugs</i> , 2013, 11, 440-454.	4.6	9
46	The novel structure of the core oligosaccharide backbone of the lipopolysaccharide from the <i>Plesiomonas shigelloides</i> strain CNCTC 80/89 (serotype O13). <i>Carbohydrate Research</i> , 2013, 380, 45-50.	2.3	8
47	Genetic Diversity of O-Antigens in <i>Hafnia alvei</i> and the Development of a Suspension Array for Serotype Detection. <i>PLoS ONE</i> , 2016, 11, e0155115.	2.5	8
48	Fractionation and analysis of lipopolysaccharide-derived oligosaccharides by zwitterionic-type hydrophilic interaction liquid chromatography coupled with electrospray ionisation mass spectrometry. <i>Carbohydrate Research</i> , 2016, 427, 29-37.	2.3	8
49	Structural Studies of the Lipopolysaccharide Isolated from <i>Plesiomonas shigelloides</i> O22:H3 (CNCTC) Tj ETQq1 1 0,784314 rgBT /Ove	4.1	8
50	Changes in the lipopolysaccharide of <i>Proteus mirabilis</i> 9B-m (O11a) clinical strain in response to planktonic or biofilm type of growth. <i>Medical Microbiology and Immunology</i> , 2018, 207, 129-139.	4.8	7
51	Core oligosaccharide of <i>Escherichia coli</i> – the structure required for bacteriophage T4 recognition. <i>Carbohydrate Research</i> , 2015, 413, 51-54.	2.3	6
52	The Complete Structure of the Core Oligosaccharide from <i>Edwardsiella tarda</i> EIB 202 Lipopolysaccharide. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1163.	4.1	6
53	Comparison of serological specificity of anti-endotoxin sera directed against whole bacterial cells and core oligosaccharide of <i>Escherichia coli</i> J5-tetanus toxoid conjugate.. <i>Acta Biochimica Polonica</i> , 2002, 49, 721-734.	0.5	6
54	Elevated levels of anti-endotoxin antibodies in patients with bilateral idiopathic acute anterior uveitis. <i>Acta Ophthalmologica</i> , 2011, 89, e283-8.	1.1	5

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55	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. <i>PLoS ONE</i> , 2016, 11, e0156691.	2.5	5
56	The amide of galacturonic acid with lysine as an immunodominant component of the lipopolysaccharide core region from <i>Proteus penneri</i> 42 strain. <i>Acta Biochimica Polonica</i> , 2014, 61, 129-32.	0.5	5
57	Novel O-antigen of <i>Hafnia alvei</i> PCM 1195 lipopolysaccharide with a teichoic acid-like structure. <i>Carbohydrate Research</i> , 2010, 345, 270-274.	2.3	4
58	Structure-Activity Relationship of <i>Plesiomonas shigelloides</i> Lipid A to the Production of TNF- α , IL-1 β , and IL-6 by Human and Murine Macrophages. <i>Frontiers in Immunology</i> , 2017, 8, 1741.	4.8	4
59	Structures of two novel, serologically nonrelated core oligosaccharides of <i>Yokenella regensburgei</i> lipopolysaccharides differing only by a single hexose substitution. <i>Glycobiology</i> , 2010, 20, 207-214.	2.5	3
60	Editorial: O-specific polysaccharide confers lysozyme resistance to extraintestinal pathogenic <i>Escherichia coli</i> . <i>Virulence</i> , 2018, 9, 919-922.	4.4	3
61	A New Look at the Enterobacterial Common Antigen Forms Obtained during Rough Lipopolysaccharides Purification. <i>International Journal of Molecular Sciences</i> , 2021, 22, 701.	4.1	2
62	Structure and Immunogenicity of the <i>Bordetella pertussis</i> LOS-Derived Oligosaccharides in the Endosomal-Like Pre-Processing Mice Model. <i>Vaccines</i> , 2021, 9, 645.	4.4	2
63	Saccharide-protein covalent conjugates: immunochemical characterization of <i>Citrobacter</i> O36 core oligosaccharide-tetanus toxoid conjugates. <i>FEMS Microbiology Letters</i> , 1991, 76, 1-5.	1.8	1
64	Immunochemical characterization of <i>Citrobacter</i> strain PCM 1487 O-specific polysaccharide- and core oligosaccharide-protein conjugates. <i>FEMS Microbiology Letters</i> , 1992, 89, 201-208.	1.8	0
65	The New Structure of Core Oligosaccharide Presented by <i>Proteus penneri</i> 40A and 41 Lipopolysaccharides. <i>International Journal of Molecular Sciences</i> , 2018, 19, 676.	4.1	0