

Wojciech Jachymek

List of Publications by Year in descending order

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42
papers

850
citations

586496

16
h-index

563245

28
g-index

42
all docs

42
docs citations

42
times ranked

810
citing authors

#	ARTICLE	IF	CITATIONS
1	The Mutation in <i>wbaP</i> cps Gene Cluster Selected by Phage-Borne Depolymerase Abolishes Capsule Production and Diminishes the Virulence of <i>Klebsiella pneumoniae</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 11562.	1.8	13
2	Pairing <i>Bacteroides vulgatus</i> LPS Structure with Its Immunomodulatory Effects on Human Cellular Models. <i>ACS Central Science</i> , 2020, 6, 1602-1616.	5.3	55
3	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.	1.8	23
4	Deacetylated lipooligosaccharide of <i>E. coli</i> B reduces the number of metastatic foci via downregulation of myeloid cell activity. <i>Oncology Reports</i> , 2020, 43, 270-281.	1.2	0
5	Antigens of <i>Actinobacillus pleuropneumoniae</i> and their use in the design of vaccines, especially glycoconjugates. <i>Postępy Higieny i Medycyny Doswiadczalnej</i> , 2018, 72, 471-480.	0.1	2
6	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.	1.1	8
7	Core oligosaccharide of <i>Escherichia coli</i> – the structure required for bacteriophage T4 recognition. <i>Carbohydrate Research</i> , 2015, 413, 51-54.	1.1	6
8	Studies of a Murine Monoclonal Antibody Directed against DARC: Reappraisal of Its Specificity. <i>PLoS ONE</i> , 2015, 10, e0116472.	1.1	6
9	Distinct Immunomodulation of Bone Marrow-Derived Dendritic Cell Responses to <i>Lactobacillus plantarum</i> WCFS1 by Two Different Polysaccharides Isolated from <i>Lactobacillus rhamnosus</i> LOCK 0900. <i>Applied and Environmental Microbiology</i> , 2014, 80, 6506-6516.	1.4	41
10	New complete structure of <i>Hafnia alvei</i> clinical isolate strain PCM 2670 semi-rough lipopolysaccharide. <i>Carbohydrate Research</i> , 2013, 374, 67-74.	1.1	5
11	The antigen-binding site of an N-propionylated polysialic acid-specific antibody protective against group B meningococci is consistent with extended epitopes. <i>Glycobiology</i> , 2013, 23, 946-954.	1.3	10
12	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.	1.1	8
13	Reprint of "New complete structure of <i>Hafnia alvei</i> clinical isolate strain PCM 2670 semi-rough lipopolysaccharide". <i>Carbohydrate Research</i> , 2013, 378, 71-78.	1.1	4
14	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)-1- β -D-Glcp (1- β -D-Lenose). <i>Carbohydrate Research</i> , 2013, 378, 98-107.	1.1	11
15	Core Oligosaccharide of <i>Plesiomonas shigelloides</i> PCM 2231 (Serotype O17) Lipopolysaccharide – Structural and Serological Analysis. <i>Marine Drugs</i> , 2013, 11, 440-454.	2.2	9
16	New functional ligands for ficolin-3 among lipopolysaccharides of <i>Hafnia alvei</i> . <i>Glycobiology</i> , 2012, 22, 267-280.	1.3	38
17	Structural and immunochemical studies of neutral exopolysaccharide produced by <i>Lactobacillus johnsonii</i> 142. <i>Carbohydrate Research</i> , 2010, 345, 108-114.	1.1	55
18	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.	2.0	33

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19	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.	1.3	3
20	Two Kdo-Heptose Regions Identified in <i>Hafnia alvei</i> Lipopolysaccharide: the Complete Core Structure and Serological Screening of Different <i>Hafnia</i> O Serotypes. <i>Journal of Bacteriology</i> , 2009, 191, 533-544.	1.0	14
21	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.	1.2	32
22	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.	1.2	22
23	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.	1.3	17
24	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.	1.1	12
25	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
26	Core Oligosaccharides of <i>Plesiomonas shigelloides</i> O54:H2 (Strain CNCTC 113/92). <i>Journal of Biological Chemistry</i> , 2002, 277, 11653-11663.	1.6	45
27	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.	0.3	6
28	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
29	Expression and Binding Properties of a Soluble Chimeric Protein Containing the N-Terminal Domain of the Duffy Antigen. <i>Biochemical and Biophysical Research Communications</i> , 2000, 273, 705-711.	1.0	14
30	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
31	Non-typical lipopolysaccharide core regions of some <i>Hafnia alvei</i> strains: structural and serological studies. <i>FEMS Immunology and Medical Microbiology</i> , 1999, 24, 63-71.	2.7	12
32	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.	1.2	54
33	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
34	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
35	Structural studies of the O-specific chain of <i>Hafnia alvei</i> strain PCM 1190 lipopolysaccharide. <i>Carbohydrate Research</i> , 1997, 298, 219-227.	1.1	12
36	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

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37	Structural studies of the O-specific chain of <i>Hafnia alvei</i> strain 32 lipopolysaccharide. <i>Carbohydrate Research</i> , 1996, 292, 117-128.	1.1	12
38	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
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 and a core hexasaccharide of <i>Hafnia alvei</i> strain 1192 lipopolysaccharide. <i>Carbohydrate Research</i> , 1995, 269, 125-138.	1.1	35
41	Lipopolysaccharide core region of <i>Hafnia alvei</i> : Serological characterization. <i>FEMS Immunology and Medical Microbiology</i> , 1995, 10, 119-124.	2.7	10
42	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.	1.1	16