

Tomasz Niedziela

List of Publications by Citations

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19
papers

231
citations

9
h-index

15
g-index

20
ext. papers

261
ext. citations

4.6
avg, IF

2.09
L-index

#	Paper	IF	Citations
19	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, 580-6		47
18	Core oligosaccharides of <i>Plesiomonas shigelloides</i> O54:H2 (strain CNCTC 113/92): structural and serological analysis of the lipopolysaccharide core region, the O-antigen biological repeating unit, and the linkage between them. <i>Journal of Biological Chemistry</i> , 2002 , 277, 11653-63	5.4	41
17	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> , 2002 , 41, 12102-12	3.2	29
16	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, 7381-9	3.7	21
15	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		13
14	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		12
13	The O-antigen of <i>Plesiomonas shigelloides</i> serotype O36 containing pseudaminic acid. <i>Carbohydrate Research</i> , 2016 , 434, 1-5	2.9	11
12	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, 668-75		10
11	Lipopolysaccharide core region of <i>Hafnia alvei</i> : serological characterization. <i>FEMS Immunology and Medical Microbiology</i> , 1995 , 10, 119-24		10
10	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, 31-8		8
9	Core oligosaccharide of <i>Escherichia coli</i> B-the structure required for bacteriophage T4 recognition. <i>Carbohydrate Research</i> , 2015 , 413, 51-4	2.9	6
8	Structural studies of <i>Helix aspersa</i> agglutinin complexed with GalNAc: A lectin that serves as a diagnostic tool. <i>International Journal of Biological Macromolecules</i> , 2015 , 81, 1059-68	7.9	6
7	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	3.7	6
6	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, 207-14	5.8	3
5	Novel O-antigen of <i>Hafnia alvei</i> PCM 1195 lipopolysaccharide with a teichoic acid-like structure. <i>Carbohydrate Research</i> , 2010 , 345, 270-4	2.9	3
4	Lipopolysaccharide Hide and Seek Game with Pertussis: Structural Analysis of the O-Specific Polysaccharide and the Core Oligosaccharide of the Type Strain ATCC 51541. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
3	Structural Masquerade of <i>Plesiomonas shigelloides</i> Strain CNCTC 78/89 O-Antigen-High-Resolution Magic Angle Spinning NMR Reveals the Modified d-galactan I of <i>Klebsiella pneumoniae</i> . <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	1

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| 2 | Conserved Structural Features of Core Oligosaccharides among the Lipopolysaccharides of Respiratory Pathogens from the Genus Analyzed Exclusively by NMR Spectroscopy. <i>International Journal of Molecular Sciences</i> , 2021 , 22, | 6.3 | 1 |
| 1 | De-O-acylated lipooligosaccharide of E. coli B reduces the number of metastatic foci via downregulation of myeloid cell activity. <i>Oncology Reports</i> , 2020 , 43, 270-281 | 3.5 | |