Tomasz Niedziela

List of Publications by Year in Descending Order

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	Conserved Structural Features of Core Oligosaccharides among the Lipopolysaccharides of Respiratory Pathogens from the Genus Analyzed Exclusively by NMR Spectroscopy. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
18	De-O-acylated lipooligosaccharide of E.coli B reduces the number of metastatic foci via downregulation of myeloid cell activity. *Oncology Reports*, **2020**, 43, 270-281	3.5	
17	Lipopolysaccharide Hide and Seek Game with Pertussis: Structural Analysis of the O-Specific Polysaccharide and the Core Oligosaccharide of the Type Strain ATCC 51541. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	3
16	Structural Masquerade of Plesiomonas shigelloides Strain CNCTC 78/89 O-Antigen-High-Resolution Magic Angle Spinning NMR Reveals the Modified d-galactan I of Klebsiella pneumoniae. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	1
15	The O-antigen of Plesiomonas shigelloides serotype O36 containing pseudaminic acid. *Carbohydrate Research*, **2016**, 434, 1-5	2.9	11
14	Genetic Diversity of O-Antigens in Hafnia alvei and the Development of a Suspension Array for Serotype Detection. *PLoS ONE*, **2016**, 11, e0155115	3.7	6
13	Core oligosaccharide of Escherichia coli B-the structure required for bacteriophage T4 recognition. *Carbohydrate Research*, **2015**, 413, 51-4	2.9	6
12	Structural studies of Helix aspersa agglutinin complexed with GalNAc: A lectin that serves as a diagnostic tool. *International Journal of Biological Macromolecules*, **2015**, 81, 1059-68	7.9	6
11	Structures of two novel, serologically nonrelated core oligosaccharides of Yokenella regensburgei lipopolysaccharides differing only by a single hexose substitution. *Glycobiology*, **2010**, 20, 207-14	5.8	3
10	Novel O-antigen of Hafnia alvei PCM 1195 lipopolysaccharide with a teichoic acid-like structure. *Carbohydrate Research*, **2010**, 345, 270-4	2.9	3
9	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*,	3.2	29
8	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, 7381-9	3.7	21
7	Serological characterization of anti-endotoxin serum directed against the conjugate of oligosaccharide core of Escherichia coli type R4 with tetanus toxoid. *FEMS Immunology and Medical Microbiology*, **2003**, 37, 59-67		12
6	Core oligosaccharides of Plesiomonas shigelloides 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. *Journal of Biological Chemistry*, **2002**, 277, 11653-63	5.4	41
5	Structural studies of the O-specific polysaccharide of Hafnia alvei strain PCM 1206 lipopolysaccharide containing D-allothreonine. *FEBS Journal*, **1997**, 244, 580-6		47
4	Structural studies of the O-specific chains of Hafnia alvei strains 744, PCM 1194 and PCM 1210 lipopolysaccharides. *FEBS Journal*, **1997**, 245, 668-75		10
3	Serological characterisation of anti-endotoxin sera directed against the conjugates of oligosaccharide core of Escherichia coli type R1, R2, R3, J5 and Salmonella Ra with tetanus toxoid. *FEMS Immunology and Medical Microbiology*, **1996**, 16, 21-30		13

2	Anti-endotoxin antibodies directed against Escherichia coli R-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, 31-8	8
1	Lipopolysaccharide core region of Hafnia alvei: serological characterization. *FEMS Immunology and Medical Microbiology*, **1995**, 10, 119-24	10