

Jolanta Lukasiewicz

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43
papers

759
citations

17
h-index

26
g-index

46
ext. papers

900
ext. citations

4.9
avg, IF

3.53
L-index

#	Paper	IF	Citations
43	A single point mutation in the gene encoding Gb3/CD77 synthase causes a rare inherited polyagglutination syndrome.. <i>Journal of Biological Chemistry</i> , 2013 , 288, 294	5.4	78
42	Cross-specificity of protective human antibodies against <i>Klebsiella pneumoniae</i> LPS O-antigen. <i>Nature Immunology</i> , 2018 , 19, 617-624	19.1	64
41	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
40	New functional ligands for ficolin-3 among lipopolysaccharides of <i>Hafnia alvei</i> . <i>Glycobiology</i> , 2012 , 22, 267-80	5.8	37
39	Both clades of the epidemic KPC-producing <i>Klebsiella pneumoniae</i> clone ST258 share a modified galactan O-antigen type. <i>International Journal of Medical Microbiology</i> , 2016 , 306, 89-98	3.7	34
38	A single point mutation in the gene encoding Gb3/CD77 synthase causes a rare inherited polyagglutination syndrome. <i>Journal of Biological Chemistry</i> , 2012 , 287, 38220-30	5.4	33
37	H-ficolin (ficolin-3) concentrations and FCN3 gene polymorphism in neonates. <i>Immunobiology</i> , 2012 , 217, 730-7	3.4	33
36	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, 564-74	6.3	30
35	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, 10433-47	3.2	29
34	Ficolin-2 and ficolin-3 in women with malignant and benign ovarian tumours. <i>Cancer Immunology, Immunotherapy</i> , 2013 , 62, 1411-9	7.4	28
33	A complex of lactoferrin with monophosphoryl lipid A is an efficient adjuvant of the humoral and cellular immune response in mice. <i>Medical Microbiology and Immunology</i> , 2006 , 195, 207-16	4	25
32	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
31	Ficolin-3 activity towards the opportunistic pathogen, <i>Hafnia alvei</i> . <i>Immunobiology</i> , 2015 , 220, 117-23	3.4	20
30	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, 10434-47	3.2	20
29	Diagnostic potential of monoclonal antibodies specific to the unique O-antigen of multidrug-resistant epidemic <i>Escherichia coli</i> clone ST131-O25b:H4. <i>Vaccine Journal</i> , 2014 , 21, 930-9		19
28	Structural analysis of the O-specific polysaccharide isolated from <i>Plesiomonas shigelloides</i> O51 lipopolysaccharide. <i>Carbohydrate Research</i> , 2009 , 344, 894-900	2.9	19
27	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, 538-50	5.8	17

26	Identification of d-Galactan-III As Part of the Lipopolysaccharide of Serotype O1. <i>Frontiers in Microbiology</i> , 2017 , 8, 684	5.7	15
25	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, 2745-54	5.4	15
24	The baculovirus-expressed binding region of <i>Plasmodium falciparum</i> EBA-140 ligand and its glycoporphin C binding specificity. <i>PLoS ONE</i> , 2015 , 10, e0115437	3.7	14
23	Interaction of Mannose-Binding Lectin With Lipopolysaccharide Outer Core Region and Its Biological Consequences. <i>Frontiers in Immunology</i> , 2018 , 9, 1498	8.4	14
22	Selective detection of carbohydrates and their peptide conjugates by ESI-MS using synthetic quaternary ammonium salt derivatives of phenylboronic acids. <i>Journal of the American Society for Mass Spectrometry</i> , 2014 , 25, 966-76	3.5	14
21	Discovery of monoclonal antibodies cross-reactive to novel subserotypes of <i>K. pneumoniae</i> O3. <i>Scientific Reports</i> , 2017 , 7, 6635	4.9	14
20	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, 533-44	3.5	13
19	The structures of glycoporphin C N-glycans, a putative component of the GPC receptor site for <i>Plasmodium falciparum</i> EBA-140 ligand. <i>Glycobiology</i> , 2015 , 25, 570-81	5.8	12
18	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, 2521-7	2.9	12
17	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
16	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	2.9	11
15	Core oligosaccharide of <i>Plesiomonas shigelloides</i> PCM 2231 (Serotype O17) lipopolysaccharide--structural and serological analysis. <i>Marine Drugs</i> , 2013 , 11, 440-54	6	8
14	Lipopolysaccharide-Linked Enterobacterial Common Antigen (ECA) Occurs in Rough Strains of R1, R2, and R4. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	8
13	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
12	Occurrence of glycine in the core oligosaccharides of <i>Hafnia alvei</i> lipopolysaccharides--identification of disubstituted glycoform. <i>Carbohydrate Research</i> , 2015 , 408, 119-26	2.9	5
11	Human Gb3/CD77 synthase produces P1 glycotope-capped N-glycans, which mediate Shiga toxin 1 but not Shiga toxin 2 cell entry. <i>Journal of Biological Chemistry</i> , 2021 , 296, 100299	5.4	5
10	Structural Analysis of the Core Oligosaccharide and the O-Specific Polysaccharide from the <i>Plesiomonas shigelloides</i> O33:H3 (Strain CNCTC 34/89) Lipopolysaccharide. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 1241-1252	3.2	4
9	Studies of a murine monoclonal antibody directed against DARC: reappraisal of its specificity. <i>PLoS ONE</i> , 2015 , 10, e0116472	3.7	4

8	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	2.9	4
7	Structure-Activity Relationship of 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	8.4	3
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	The Mutation in Gene Cluster Selected by Phage-Borne Depolymerase Abolishes Capsule Production and Diminishes the Virulence of. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
4	Structural Studies of the Lipopolysaccharide Isolated from O22:H3 (CNCTC 90/89). <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
3	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	3.7	2
2	The Impact of Insertion Sequences on O-Serotype Phenotype and Its O-Locus-Based Prediction in O2 and O1. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	1
1	De-O-acylated 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	3.5	