Katarzyna A Duda

List of Publications by Year
in descending order

40	681	516710 16	610901 24
papers	citations	h-index	g-index

41	41	41	997
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Journey from Structure to Function of Bacterial Lipopolysaccharides. Chemical Reviews, 2022, 122, 15767-15821.	47.7	82
2	Structural, biosynthetic and serological cross-reactive elucidation of capsular polysaccharides from Streptococcus pneumoniae serogroup 28. Carbohydrate Polymers, 2021, 254, 117323.	10.2	2
3	The Peculiar Structure of Acetobacter pasteurianus CIP103108 LPS Core Oligosaccharide. ChemBioChem, 2021, 22, 147-150.	2.6	1
4	Staphylococcus epidermidis clones express Staphylococcus aureus-type wall teichoic acid to shift from a commensal to pathogen lifestyle. Nature Microbiology, 2021, 6, 757-768.	13.3	37
5	Lipids regulate the dynamics of early allergic inflammation towards grass pollen. , 2020, , .		0
6	Structural, Biosynthetic, and Serological Cross-Reactive Elucidation of Capsular Polysaccharides from Streptococcus pneumoniae Serogroup 16. Journal of Bacteriology, 2019, 201, .	2.2	6
7	Lipid Mediators From Timothy Grass Pollen Contribute to the Effector Phase of Allergy and Prime Dendritic Cells for Glycolipid Presentation. Frontiers in Immunology, 2019, 10, 974.	4.8	25
8	Lipophilic Allergens, Different Modes of Allergen-Lipid Interaction and Their Impact on Asthma and Allergy. Frontiers in Immunology, 2019, 10, 122.	4.8	38
9	The Lipidâ€…A Structure from the Marine Sponge Symbiont Endozoicomonas sp. HEX 311. ChemBioChem, 2019, 20, 230-236.	2.6	3
10	Lipoteichoic acid mediates binding of a Lactobacillus S-layer protein. Glycobiology, 2018, 28, 148-158.	2.5	16
11	Structure and inflammatory activity of the LPS isolated from Acetobacter pasteurianus CIP103108. International Journal of Biological Macromolecules, 2018, 119, 1027-1035.	7.5	18
12	The lipopolysaccharide of the crop pathogenXanthomonas translucenspv. translucens: chemical characterization and determination of signaling events in plant cells. Glycobiology, 2017, 27, 264-274.	2.5	8
13	The Lipidâ€…A fromRhodopseudomonas palustrisStrain BisA53 LPS Possesses a Unique Structure and Low Immunostimulant Properties. Chemistry - A European Journal, 2017, 23, 3637-3647.	3.3	26
14	Structure of the Lipopolysaccharide from the Bradyrhizobium sp. ORS285 rfaL Mutant Strain. ChemistryOpen, 2017, 6, 541-553.	1.9	13
15	Serotype O:8 isolates in the Yersinia pseudotuberculosis complex have different O-antigen gene clusters and produce various forms of rough LPS. Innate Immunity, 2016, 22, 205-217.	2.4	4
16	Deletion of fabN in Enterococcus faecalis results in unsaturated fatty acid auxotrophy and decreased release of inflammatory cytokines. Innate Immunity, 2016, 22, 284-293.	2.4	5
17	Structural characterization of the lipoteichoic acid isolated from Staphylococcus sciuri W620. Carbohydrate Research, 2016, 430, 44-47.	2.3	3
18	Structure of the O-specific polysaccharide from the lipopolysaccharide of Aeromonas sobria strain Pt312. Carbohydrate Research, 2015, 403, 142-148.	2.3	6

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19	Location-specific expression of chemokines, TNF-Î± and S100 proteins in a teat explant model. Innate Immunity, 2015, 21, 322-331.	2.4	17
20	Inositol-phosphodihydroceramides in the periodontal pathogen Tannerella forsythia: Structural analysis and incorporation of exogenous myo-inositol. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2015, 1851, 1417-1427.	2.4	3
21	Interaction of human mannose-binding lectin (MBL) with Yersinia enterocolitica lipopolysaccharide. International Journal of Medical Microbiology, 2015, 305, 544-552.	3.6	21
22	Serological characterization of the enterobacterial common antigen substitution of the lipopolysaccharide of Yersinia enterocolitica Oâ€Š:â€Š3. Microbiology (United Kingdom), 2015, 161, 219-227.	1.8	10
23	Accumulation of Novel Glycolipids and Ornithine Lipids in Mesorhizobium loti under Phosphate Deprivation. Journal of Bacteriology, 2015, 197, 497-509.	2.2	30
24	Characterization of the Newly Isolated Lytic Bacteriophages KTN6 and KT28 and Their Efficacy against Pseudomonas aeruginosa Biofilm. PLoS ONE, 2015, 10, e0127603.	2.5	69
25	Structural Studies of the Lipopolysaccharide from the Fish Pathogen Aeromonas veronii Strain Bs19, Serotype O16. Marine Drugs, 2014, 12, 1298-1316.	4.6	16
26	A Bifunctional Glycosyltransferase from Agrobacterium tumefaciens Synthesizes Monoglucosyl and Glucuronosyl Diacylglycerol under Phosphate Deprivation. Journal of Biological Chemistry, 2014, 289, 10104-10114.	3.4	23
27	Occurrence of an Unusual Hopanoid-containing Lipid A Among Lipopolysaccharides from Bradyrhizobium Species. Journal of Biological Chemistry, 2014, 289, 35644-35655.	3.4	29
28	Structural investigation of rhamnose-rich polysaccharides from Streptococcus dysgalactiae bovine mastitis isolate. Carbohydrate Research, 2014, 389, 192-195.	2.3	15
29	Structural studies of the O-antigenic polysaccharide of the bovine mastitis isolate Escherichia coli serotype O174. Carbohydrate Research, 2013, 373, 18-21.	2.3	4
30	Chemical structures of the secondary cell wall polymers (SCWPs) isolated from bovine mastitis Streptococcus uberis. Carbohydrate Research, 2013, 377, 58-62.	2.3	11
31	The WbaK acetyltransferase of Salmonella enterica group E gives insights into O antigen evolution. Microbiology (United Kingdom), 2013, 159, 2316-2322.	1.8	12
32	Enterobacterial common antigen and O-specific polysaccharide coexist in the lipopolysaccharide of Yersinia enterocolitica serotype Oâ€Š:â€Š3. Microbiology (United Kingdom), 2013, 159, 1782-1793.	1.8	16
33	The structure of the O-specific polysaccharide of the lipopolysaccharide from Yersinia enterocolitica serotype O:50 strain 3229. Carbohydrate Research, 2012, 359, 97-101.	2.3	9
34	Structural analysis of the lipoteichoic acids isolated from bovine mastitis Streptococcus uberis 233, Streptococcus dysgalactiae 2023 and Streptococcus agalactiae 0250. Carbohydrate Research, 2012, 361, 200-205.	2.3	9
35	Characterization of anti-ECA antibodies in rabbit antiserum against rough Yersinia enterocolitica O:3. Biochemistry (Moscow), 2011, 76, 832-839.	1.5	11
36	The lipopolysaccharide of the mastitis isolate Escherichia coli strain 1303 comprises a novel O-antigen and the rare K-12 core type. Microbiology (United Kingdom), 2011, 157, 1750-1760.	1.8	17

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37	Characterization of the Six Glycosyltransferases Involved in the Biosynthesis of Yersinia enterocolitica Serotype O:3 Lipopolysaccharide Outer Core. Journal of Biological Chemistry, 2010, 285, 28333-28342.	3.4	22
38	Identification and Role of a 6â€Deoxyâ€4â€Ketoâ€Hexosamine in the Lipopolysaccharide Outer Core of Yersinia enterocolitica Serotype O:3. Chemistry - A European Journal, 2009, 15, 9747-9754.	3.3	27
39	ECA-immunogenicity of Proteus mirabilis strains. Archivum Immunologiae Et Therapiae Experimentalis, 2009, 57, 147-151.	2.3	15
40	Synthesis of methyl 2-acetamido-2,6-dideoxy-Î±- and Î²-d-xylo-hexopyranosid-4-ulose, a keto sugar which misled the analytical chemists. Carbohydrate Research, 2008, 343, 1004-1011.	2.3	2