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	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
3	Lipophilic Allergens, Different Modes of Allergen-Lipid Interaction and Their Impact on Asthma and Allergy. Frontiers in Immunology, 2019, 10, 122.	4.8	38
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	Accumulation of Novel Glycolipids and Ornithine Lipids in Mesorhizobium loti under Phosphate Deprivation. Journal of Bacteriology, 2015, 197, 497-509.	2.2	30
6	Occurrence of an Unusual Hopanoid-containing Lipid A Among Lipopolysaccharides from Bradyrhizobium Species. Journal of Biological Chemistry, 2014, 289, 35644-35655.	3.4	29
7	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
8	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
9	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
10	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
11	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
12	Interaction of human mannose-binding lectin (MBL) with Yersinia enterocolitica lipopolysaccharide. International Journal of Medical Microbiology, 2015, 305, 544-552.	3.6	21
13	Structure and inflammatory activity of the LPS isolated from Acetobacter pasteurianus CIP103108. International Journal of Biological Macromolecules, 2018, 119, 1027-1035.	7.5	18
14	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
15	Location-specific expression of chemokines, TNF-Î± and S100 proteins in a teat explant model. Innate Immunity, 2015, 21, 322-331.	2.4	17
16	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
17	Structural Studies of the Lipopolysaccharide from the Fish Pathogen Aeromonas veronii Strain Bs19, Serotype O16. Marine Drugs, 2014, 12, 1298-1316.	4.6	16
18	Lipoteichoic acid mediates binding of a Lactobacillus S-layer protein. Glycobiology, 2018, 28, 148-158.	2.5	16

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19	ECA-immunogenicity of Proteus mirabilis strains. Archivum Immunologiae Et Therapiae Experimentalis, 2009, 57, 147-151.	2.3	15
20	Structural investigation of rhamnose-rich polysaccharides from Streptococcus dysgalactiae bovine mastitis isolate. Carbohydrate Research, 2014, 389, 192-195.	2.3	15
21	Structure of the Lipopolysaccharide from the Bradyrhizobium sp. ORS285 rfaL Mutant Strain. ChemistryOpen, 2017, 6, 541-553.	1.9	13
22	The WbaK acetyltransferase of Salmonella enterica group E gives insights into O antigen evolution. Microbiology (United Kingdom), 2013, 159, 2316-2322.	1.8	12
23	Characterization of anti-ECA antibodies in rabbit antiserum against rough Yersinia enterocolitica O:3. Biochemistry (Moscow), 2011, 76, 832-839.	1.5	11
24	Chemical structures of the secondary cell wall polymers (SCWPs) isolated from bovine mastitis Streptococcus uberis. Carbohydrate Research, 2013, 377, 58-62.	2.3	11
25	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
26	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
27	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
28	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
29	Structure of the O-specific polysaccharide from the lipopolysaccharide of Aeromonas sobria strain Pt312. Carbohydrate Research, 2015, 403, 142-148.	2.3	6
30	Structural, Biosynthetic, and Serological Cross-Reactive Elucidation of Capsular Polysaccharides from Streptococcus pneumoniae Serogroup 16. Journal of Bacteriology, 2019, 201, .	2.2	6
31	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
32	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
33	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
34	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
35	Structural characterization of the lipoteichoic acid isolated from Staphylococcus sciuri W620. Carbohydrate Research, 2016, 430, 44-47.	2.3	3
36	The Lipidâ€…A Structure from the Marine Sponge Symbiont Endozoicomonas sp. HEX 311. ChemBioChem, 2019, 20, 230-236.	2.6	3

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37	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
38	Structural, biosynthetic and serological cross-reactive elucidation of capsular polysaccharides from Streptococcus pneumoniae serogroup 28. Carbohydrate Polymers, 2021, 254, 117323.	10.2	2
39	The Peculiar Structure of Acetobacter pasteurianus CIP103108 LPS Core Oligosaccharide. ChemBioChem, 2021, 22, 147-150.	2.6	1
40	Lipids regulate the dynamics of early allergic inflammation towards grass pollen. , 2020, , .		0