

Martine Caroff

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,959
citations

361413

20
h-index

395702

33
g-index

42
all docs

42
docs citations

42
times ranked

2012
citing authors

#	ARTICLE	IF	CITATIONS
1	Leptospiral LPS escapes mouse TLR4 internalization and TRIF-associated antimicrobial responses through O antigen and associated lipoproteins. PLoS Pathogens, 2020, 16, e1008639.	4.7	31
2	Lipopolysaccharides: structure, function and bacterial identification. OCL - Oilseeds and Fats, Crops and Lipids, 2020, 27, 31.	1.4	30
3	Title is missing!. , 2020, 16, e1008639.		0
4	Title is missing!. , 2020, 16, e1008639.		0
5	Title is missing!. , 2020, 16, e1008639.		0
6	Title is missing!. , 2020, 16, e1008639.		0
7	Regulation of <i>waaH</i> by PhoB during P ₁ Starvation Promotes Biofilm Formation by Escherichia coli O157:H7. Journal of Bacteriology, 2019, 201, .	2.2	2
8	LPS Structure, Function, and Heterogeneity. , 2019, , 53-93.		10
9	Structure function relationships in three lipids A from the Ralstonia genus rising in obese patients. Biochimie, 2019, 159, 72-80.	2.6	13
10	A comparative study of the complete lipopolysaccharide structures and biosynthesis loci of Bordetella avium, B. hinzii, and B. trematum. Biochimie, 2019, 159, 81-92.	2.6	10
11	Structural and biological characteristics of different forms of V. filiformis lipid A: use of MS to highlight structural discrepancies. Journal of Lipid Research, 2017, 58, 543-552.	4.2	7
12	Micromethods for Isolation and Structural Characterization of Lipid A, and Polysaccharide Regions of Bacterial Lipopolysaccharides. Methods in Molecular Biology, 2017, 1600, 167-186.	0.9	13
13	Bordetella holmesii: Lipid A Structures and Corresponding Genomic Sequences Comparison in Three Clinical Isolates and the Reference Strain ATCC 51541. International Journal of Molecular Sciences, 2017, 18, 1080.	4.1	6
14	Antimicrobial Peptide Resistance Genes in the Plant Pathogen Dickeya dadantii. Applied and Environmental Microbiology, 2016, 82, 6423-6430.	3.1	17
15	Structure activity characterization of Bordetella petrii lipid A, from environment to human isolates. Biochimie, 2016, 120, 87-95.	2.6	6
16	<i>Desulfovibrio desulfuricans</i> isolates from the gut of a single individual: Structural and biological lipid A characterization. FEBS Letters, 2015, 589, 165-171.	2.8	74
17	Complete <i>Bordetella avium</i> , <i>Bordetella hinzii</i> and <i>Bordetella trematum</i> lipid A structures and genomic sequence analyses of the loci involved in their modifications. Innate Immunity, 2014, 20, 659-672.	2.4	10
18	Minor Modifications to the Phosphate Groups and the C ₃ Acyl Chain Length of Lipid A in Two Bordetella pertussis Strains, BP338 and 18-323, Independently Affect Toll-like Receptor 4 Protein Activation. Journal of Biological Chemistry, 2013, 288, 11751-11760.	3.4	35

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19	A new rapid and micro-scale hydrolysis, using triethylamine citrate, for lipopolysaccharide characterization by mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 2043-2048.	1.5	19
20	Variability in the Lipooligosaccharide Structure and Endotoxicity among <i>Bordetella pertussis</i> Strains. <i>Journal of Infectious Diseases</i> , 2010, 202, 1897-1906.	4.0	30
21	Substitution of the <i>Bordetella pertussis</i> Lipid A Phosphate Groups with Glucosamine Is Required for Robust NF- κ B Activation and Release of Proinflammatory Cytokines in Cells Expressing Human but Not Murine Toll-Like Receptor 4-MD-2-CD14. <i>Infection and Immunity</i> , 2010, 78, 2060-2069.	2.2	45
22	Biofilm-forming <i>Pseudomonas aeruginosa</i> bacteria undergo lipopolysaccharide structural modifications and induce enhanced inflammatory cytokine response in human monocytes. <i>Innate Immunity</i> , 2010, 16, 288-301.	2.4	62
23	Glucosamine Found as a Substituent of Both Phosphate Groups in <i>Bordetella</i> Lipid A Backbones: Role of a BvgAS-Activated ArnT Ortholog. <i>Journal of Bacteriology</i> , 2008, 190, 4281-4290.	2.2	61
24	Simple Method for Repurification of Endotoxins for Biological Use. <i>Applied and Environmental Microbiology</i> , 2007, 73, 1803-1808.	3.1	43
25	A rapid, small-scale procedure for the structural characterization of lipid A applied to <i>Citrobacter</i> and <i>Bordetella</i> strains: discovery of a new structural element. <i>Journal of Lipid Research</i> , 2007, 48, 2419-2427.	4.2	37
26	Microextraction of bacterial lipid A: easy and rapid method for mass spectrometric characterization. <i>Journal of Lipid Research</i> , 2005, 46, 1773-1778.	4.2	149
27	Structure of the <i>Bordetella trematum</i> LPS O-chain subunit. <i>FEBS Letters</i> , 2005, 579, 18-24.	2.8	15
28	Structure of bacterial lipopolysaccharides. <i>Carbohydrate Research</i> , 2003, 338, 2431-2447.	2.3	429
29	Structural characterization of the O-chain polysaccharide isolated from <i>Bordetella avium</i> ATCC 5086: variation on a theme. <i>FEBS Letters</i> , 2003, 535, 11-16.	2.8	15
30	Structural and functional analyses of bacterial lipopolysaccharides. <i>Microbes and Infection</i> , 2002, 4, 915-926.	1.9	174
31	Direct Microextraction and Analysis of Rough-Type Lipopolysaccharides by Combined Thin-Layer Chromatography and MALDI Mass Spectrometry. <i>Analytical Chemistry</i> , 2001, 73, 3804-3807.	6.5	77
32	Structure of the <i>Bordetella pertussis</i> 1414 endotoxin. <i>FEBS Letters</i> , 2000, 477, 8-14.	2.8	91
33	Chemical and serological characterization of the <i>Bordetella hinzii</i> lipopolysaccharides. <i>FEBS Letters</i> , 2000, 485, 40-46.	2.8	27
34	Novel variation of lipid A structures in strains of different <i>Yersinia</i> species. <i>FEBS Letters</i> , 2000, 465, 87-92.	2.8	57
35	^{252}Cf -plasma desorption mass spectrometry of unmodified lipid A: fragmentation patterns and localization of fatty acids. <i>Journal of Mass Spectrometry</i> , 1999, 34, 2252-2259.		30
36	^{252}Cf -plasma desorption mass spectrometry analysis of lipids A obtained by an elimination reaction under mild conditions. <i>Rapid Communications in Mass Spectrometry</i> , 1995, 9, 693-696.	1.5	7

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37	Detergent-accelerated hydrolysis of bacterial endotoxins and determination of the anomeric configuration of the glycosyl phosphate present in the isolated lipid fragment of the Bordetella pertussis endotoxin. Carbohydrate Research, 1988, 175, 273-282.	2.3	216
38	Do endotoxins devoid of 3-deoxy-D-manno-2-octulosonic acid exist?. Biochemical and Biophysical Research Communications, 1987, 143, 845-847.	2.1	61