

Constance M John

List of Publications by Year in descending order

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35
papers

1,347
citations

394421

19
h-index

361022

35
g-index

35
all docs

35
docs citations

35
times ranked

1807
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of a lipid A phosphoethanolamine transferase suggests how conformational changes govern substrate binding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2218-2223.	7.1	113
2	Characterization and Functionality of Proliferative Human Sertoli Cells. <i>Cell Transplantation</i> , 2011, 20, 619-635.	2.5	108
3	Pharmacological Inhibition of Platelet-Tumor Cell Cross-Talk Prevents Platelet-Induced Overexpression of Cyclooxygenase-2 in HT29 Human Colon Carcinoma Cells. <i>Molecular Pharmacology</i> , 2013, 84, 25-40.	2.3	98
4	Structural models for the cell surface Lipooligosaccharides of <i>Neisseria gonorrhoeae</i> and <i>Haemophilus influenzae</i> . <i>Biological Mass Spectrometry</i> , 1990, 19, 731-745.	0.5	92
5	Truncated galectin-3 inhibits tumor growth and metastasis in orthotopic nude mouse model of human breast cancer. <i>Clinical Cancer Research</i> , 2003, 9, 2374-83.	7.0	91
6	Environmental toxicants perturb human Sertoli cell adhesive function via changes in F-actin organization mediated by actin regulatory proteins. <i>Human Reproduction</i> , 2014, 29, 1279-1291.	0.9	81
7	Characterization of bacterial lipooligosaccharides by delayed extraction matrix-assisted laser desorption ionization time-of-flight mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 1997, 8, 645-658.	2.8	78
8	Activation of Toll-Like Receptor 2 (TLR2) and TLR4/MD2 by <i>Neisseria</i> Is Independent of Capsule and Lipooligosaccharide (LOS) Sialylation but Varies Widely among LOS from Different Strains. <i>Infection and Immunity</i> , 2003, 71, 3901-3908.	2.2	65
9	Galectin-3 binds lactosaminylated lipooligosaccharides from <i>Neisseria gonorrhoeae</i> and is selectively expressed by mucosal epithelial cells that are infected. <i>Cellular Microbiology</i> , 2002, 4, 649-662.	2.1	62
10	Phosphoryl Moieties of Lipid A from <i>Neisseria meningitidis</i> and <i>N. gonorrhoeae</i> Lipooligosaccharides Play an Important Role in Activation of Both MyD88- and TRIF-Dependent TLR4/MD-2 Signaling Pathways. <i>Journal of Immunology</i> , 2010, 185, 6974-6984.	0.8	56
11	Galectin-3C Inhibits Tumor Growth and Increases the Anticancer Activity of Bortezomib in a Murine Model of Human Multiple Myeloma. <i>PLoS ONE</i> , 2011, 6, e21811.	2.5	56
12	Lack of Lipid A Pyrophosphorylation and Functional Lipid A Reduces Inflammation by <i>Neisseria</i> Commensals. <i>Infection and Immunity</i> , 2012, 80, 4014-4026.	2.2	48
13	Profiles of structural heterogeneity in native lipooligosaccharides of <i>Neisseria</i> and cytokine induction. <i>Journal of Lipid Research</i> , 2009, 50, 424-438.	4.2	43
14	<i>Campylobacter jejuni</i> Lipooligosaccharide Sialylation, Phosphorylation, and Amide/Ester Linkage Modifications Fine-tune Human Toll-like Receptor 4 Activation. <i>Journal of Biological Chemistry</i> , 2013, 288, 19661-19672.	3.4	40
15	<i>Neisseria gonorrhoeae</i> That Infect Men Have Lipooligosaccharides with Terminal N-Acetylglucosamine Repeats. <i>Journal of Biological Chemistry</i> , 1999, 274, 1017-1025.	3.4	36
16	Natural Phosphoryl and Acyl Variants of Lipid A from <i>Neisseria meningitidis</i> Strain 89I Differentially Induce Tumor Necrosis Factor- α in Human Monocytes. <i>Journal of Biological Chemistry</i> , 2009, 284, 21515-21525.	3.4	33
17	Induction of Endotoxin Tolerance by Pathogenic <i>Neisseria</i> Is Correlated with the Inflammatory Potential of Lipooligosaccharides and Regulated by MicroRNA-146a. <i>Journal of Immunology</i> , 2014, 192, 1768-1777.	0.8	26
18	Rescue of PFOS-induced human Sertoli cell injury by overexpressing a p-FAK-Y407E phosphomimetic mutant. <i>Scientific Reports</i> , 2017, 7, 15810.	3.3	25

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19	Amino and hydrazino alkyl benzoates as derivatizing agents for the separation and mass spectrometric analysis of oligosaccharides from bacterial lipooligosaccharides. <i>Analytical Biochemistry</i> , 1990, 187, 281-291.	2.4	24
20	Post-injury treatment with lipopolysaccharide or lipooligosaccharide protects rat neuronal and glial cell cultures. <i>Brain Research Bulletin</i> , 2011, 85, 403-409.	3.0	18
21	Lipooligosaccharide Structures of Invasive and Carrier Isolates of <i>Neisseria meningitidis</i> Are Correlated with Pathogenicity and Carriage. <i>Journal of Biological Chemistry</i> , 2016, 291, 3224-3238.	3.4	17
22	The chimeric type galectin-3 is a positive modulator of trophoblast functions with dysregulated expression in gestational diabetes mellitus. <i>American Journal of Reproductive Immunology</i> , 2020, 84, e13311.	1.2	17
23	Analysis of Bacterial Lipooligosaccharides by MALDI-TOF MS with Traveling Wave Ion Mobility. <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 1263-1276.	2.8	15
24	Isolation of human testicular cells and co-culture with embryonic stem cells. <i>Reproduction</i> , 2018, 155, 151-164.	2.6	14
25	Innate immune response to lipooligosaccharide: pivotal regulator of the pathobiology of invasive <i>Neisseria meningitidis</i> infections. <i>Pathogens and Disease</i> , 2017, 75, .	2.0	13
26	Cationic cell-penetrating peptide is bactericidal against <i>Neisseria gonorrhoeae</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 3245-3251.	3.0	12
27	Human galectin-3 interacts with two anticancer drugs. <i>Proteomics</i> , 2010, 10, 1946-1953.	2.2	11
28	Suitability of allogeneic sertoli cells for ex vivo gene delivery in the injured spinal cord. <i>Experimental Neurology</i> , 2006, 198, 88-100.	4.1	10
29	Characterization of a sialyltransferase-deficient mutant of <i>Neisseria gonorrhoeae</i> strain F62: instability of transposon Tn1545 P ³ in gonococci and evidence that multiple genetic loci are essential for lipooligosaccharide sialylation. <i>Microbial Pathogenesis</i> , 1998, 25, 237-252.	2.9	9
30	Human Lipooligosaccharide IGG That Prevents Endemic Meningococcal Disease Recognizes an Internal Lacto-N-neotetraose Structure. <i>Journal of Biological Chemistry</i> , 2011, 286, 43622-43633.	3.4	8
31	Post-injury conditioning with lipopolysaccharide or lipooligosaccharide reduces inflammation in the brain. <i>Journal of Neuroimmunology</i> , 2013, 256, 28-37.	2.3	8
32	Treatment of human challenge and MDR strains of <i>Neisseria gonorrhoeae</i> with LpxC inhibitors. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 2064-2071.	3.0	8
33	Novel <i>Campylobacter concisus</i> lipooligosaccharide is a determinant of inflammatory potential and virulence. <i>Journal of Lipid Research</i> , 2018, 59, 1893-1905.	4.2	4
34	Predominant phosphorylation patterns in <i>Neisseria meningitidis</i> lipid A determined by top-down MS/MS. <i>Journal of Lipid Research</i> , 2020, 61, 1437-1449.	4.2	4
35	Novel small molecules that increase the susceptibility of <i>Neisseria gonorrhoeae</i> to cationic antimicrobial peptides by inhibiting lipid A phosphoethanolamine transferase. <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 2441-2447.	3.0	4