

Jonathan A Lane

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,190
citations

567281

15
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

1459
citing authors

#	ARTICLE	IF	CITATIONS
1	Precision Nutrition and the Microbiome, Part I: Current State of the Science. <i>Nutrients</i> , 2019, 11, 923.	4.1	220
2	A comparative study of free oligosaccharides in the milk of domestic animals. <i>British Journal of Nutrition</i> , 2014, 111, 1313-1328.	2.3	195
3	Human milk oligosaccharides: Shaping the infant gut microbiota and supporting health. <i>Journal of Functional Foods</i> , 2020, 72, 104074.	3.4	159
4	Method for milk oligosaccharide profiling by 2-aminobenzamide labeling and hydrophilic interaction chromatography. <i>Glycobiology</i> , 2011, 21, 1317-1330.	2.5	128
5	The food glycome: A source of protection against pathogen colonization in the gastrointestinal tract. <i>International Journal of Food Microbiology</i> , 2010, 142, 1-13.	4.7	88
6	Anti-infective bovine colostrum oligosaccharides: <i>Campylobacter jejuni</i> as a case study. <i>International Journal of Food Microbiology</i> , 2012, 157, 182-188.	4.7	53
7	Transcriptional response of HT-29 intestinal epithelial cells to human and bovine milk oligosaccharides. <i>British Journal of Nutrition</i> , 2013, 110, 2127-2137.	2.3	53
8	Precision Nutrition and the Microbiome Part II: Potential Opportunities and Pathways to Commercialisation. <i>Nutrients</i> , 2019, 11, 1468.	4.1	50
9	From lab bench to formulated ingredient: Characterization, production, and commercialization of human milk oligosaccharides. <i>Journal of Functional Foods</i> , 2020, 72, 104052.	3.4	44
10	In Vitro Assessment of Marine <i>Bacillus</i> for Use as Livestock Probiotics. <i>Marine Drugs</i> , 2014, 12, 2422-2445.	4.6	40
11	Methodologies for screening of bacteria-carbohydrate interactions: Anti-adhesive milk oligosaccharides as a case study. <i>Journal of Microbiological Methods</i> , 2012, 90, 53-59.	1.6	24
12	Defatted bovine milk fat globule membrane inhibits association of enterohaemorrhagic <i>Escherichia coli</i> O157:H7 with human HT-29 cells. <i>International Dairy Journal</i> , 2016, 59, 36-43.	3.0	23
13	Bovine colostrum-driven modulation of intestinal epithelial cells for increased commensal colonisation. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 2745-2758.	3.6	20
14	Human milk oligosaccharide-sharing by a consortium of infant derived <i>Bifidobacterium</i> species. <i>Scientific Reports</i> , 2022, 12, 4143.	3.3	20
15	Development of biosensor-based assays to identify anti-infective oligosaccharides. <i>Analytical Biochemistry</i> , 2011, 410, 200-205.	2.4	15
16	2-fucosyllactose inhibits imiquimod-induced psoriasis in mice by regulating Th17 cell response via the STAT3 signaling pathway. <i>International Immunopharmacology</i> , 2020, 85, 106659.	3.8	15
17	Oligosaccharides Isolated from MGO, Manuka Honey Inhibit the Adhesion of <i>Pseudomonas aeruginosa</i> , <i>Escherichia Coli</i> O157:H7 and <i>Staphylococcus Aureus</i> to Human HT-29 cells. <i>Foods</i> , 2019, 8, 446.	4.3	11
18	Comparative Structural and Compositional Analyses of Cow, Buffalo, Goat and Sheep Cream. <i>Foods</i> , 2021, 10, 2643.	4.3	8

#	ARTICLE	IF	CITATIONS
19	Temporal alterations in the bovine buttermilk glycome from parturition to milk maturation. Food Chemistry, 2016, 211, 329-338.	8.2	5
20	The Role of Oligosaccharides in Host-Microbial Interactions for Human Health. Journal of Clinical Gastroenterology, 2016, 50, S131-S132.	2.2	4
21	Xiang Study: an association of breastmilk composition with maternal body mass index and infant growth during the first 3 month of life. Nutrition Research and Practice, 2021, 15, 367.	1.9	3
22	The protective effects of human milk components, 2-fucosyllactose and osteopontin, against 2,4-dinitrochlorobenzene-induced atopic dermatitis in mice. Journal of Functional Foods, 2021, 87, 104806.	3.4	2