

# David S Newburg

## List of Publications by Year in descending order

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46  
papers

5,652  
citations

147801

31  
h-index

243625

44  
g-index

51  
all docs

51  
docs citations

51  
times ranked

5038  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Milk Oligosaccharides: Potential Applications in COVID-19. <i>Biomedicines</i> , 2022, 10, 346.	3.2	15
2	Musarin, a novel protein with tyrosine kinase inhibitory activity from <i>Trametes versicolor</i> , inhibits colorectal cancer stem cell growth. <i>Biomedicine and Pharmacotherapy</i> , 2021, 144, 112339.	5.6	7
3	Human Milk Oligosaccharide. , 2019, , 43-57.		4
4	Relative fermentation of oligosaccharides from human milk and plants by gut microbes. <i>European Food Research and Technology</i> , 2017, 243, 133-146.	3.3	19
5	A longitudinal study of human milk composition in the second year postpartum: implications for human milk banking. <i>Maternal and Child Nutrition</i> , 2017, 13, .	3.0	77
6	Human milk oligosaccharides vary among populations. <i>American Journal of Clinical Nutrition</i> , 2017, 105, 1027-1028.	4.7	5
7	The Human Milk Oligosaccharide 2'-Fucosyllactose Quenches <i>Campylobacter jejuni</i> -Induced Inflammation in Human Epithelial Cells HEP-2 and HT-29 and in Mouse Intestinal Mucosa. <i>Journal of Nutrition</i> , 2016, 146, 1980-1990.	2.9	97
8	Minimal short-term effect of dietary 2'-fucosyllactose on bacterial colonisation, intestinal function and necrotising enterocolitis in preterm pigs. <i>British Journal of Nutrition</i> , 2016, 116, 834-841.	2.3	26
9	The human milk oligosaccharide 2'-fucosyllactose modulates CD14 expression in human enterocytes, thereby attenuating LPS-induced inflammation. <i>Gut</i> , 2016, 65, 33-46.	12.1	217
10	Human Milk Components Modulate Toll-Like Receptor-Mediated Inflammation. <i>Advances in Nutrition</i> , 2016, 7, 102-111.	6.4	114
11	Lactodifucotetraose, a human milk oligosaccharide, attenuates platelet function and inflammatory cytokine release. <i>Journal of Thrombosis and Thrombolysis</i> , 2016, 42, 46-55.	2.1	19
12	Human Milk Oligosaccharides and Synthetic Galactosyloligosaccharides Contain 3-, 4-, and 6-Galactosyllactose and Attenuate Inflammation in Human T84, NCM-460, and H4 Cells and Intestinal Tissue Ex Vivo. <i>Journal of Nutrition</i> , 2016, 146, 358-367.	2.9	74
13	Neonatal Gut Microbiota and Human Milk Glycans Cooperate to Attenuate Infection and Inflammation. <i>Clinical Obstetrics and Gynecology</i> , 2015, 58, 814-826.	1.1	42
14	Human milk and infant intestinal mucosal glycans guide succession of the neonatal intestinal microbiota. <i>Pediatric Research</i> , 2015, 77, 115-120.	2.3	66
15	Human milk oligosaccharides and galactosyloligosaccharides attenuate inflammation in human intestine. <i>FASEB Journal</i> , 2015, 29, 252.1.	0.5	1
16	The human milk oligosaccharide, 2'-fucosyllactose, quenches <i>Campylobacter jejuni</i> -induced inflammation in intestinal mucosa. <i>FASEB Journal</i> , 2015, 29, 853.6.	0.5	1
17	Effects of polysaccharopeptide from <i>Trametes Versicolor</i> and amoxicillin on the gut microbiome of healthy volunteers. <i>Gut Microbes</i> , 2014, 5, 458-467.	9.8	64
18	Intestinal microbiota of preterm infants differ over time and between hospitals. <i>Microbiome</i> , 2014, 2, 36.	11.1	58

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19	Early Empiric Antibiotic Use in Preterm Infants Is Associated with Lower Bacterial Diversity and Higher Relative Abundance of Enterobacter. <i>Journal of Pediatrics</i> , 2014, 165, 23-29.	1.8	306
20	The principal fucosylated oligosaccharides of human milk exhibit prebiotic properties on cultured infant microbiota. <i>Glycobiology</i> , 2013, 23, 169-177.	2.5	200
21	Glucocorticoids and microbiota regulate ontogeny of intestinal fucosyltransferase 2 requisite for gut homeostasis. <i>Glycobiology</i> , 2013, 23, 1131-1141.	2.5	40
22	Quantification of neutral human milk oligosaccharides by graphitic carbon high-performance liquid chromatography with tandem mass spectrometry. <i>Analytical Biochemistry</i> , 2013, 433, 28-35.	2.4	93
23	Trametes versicolor Extract Modifies Human Fecal Microbiota Composition In vitro. <i>Plant Foods for Human Nutrition</i> , 2013, 68, 107-112.	3.2	29
24	Human Milk Glycoproteins Protect Infants Against Human Pathogens. <i>Breastfeeding Medicine</i> , 2013, 8, 354-362.	1.7	121
25	Utilization of major fucosylated and sialylated human milk oligosaccharides by isolated human gut microbes. <i>Glycobiology</i> , 2013, 23, 1281-1292.	2.5	296
26	Fucosylated TLR4 signaling mediates microbial induction of intestinal fut2 expression. <i>FASEB Journal</i> , 2013, 27, 948.7.	0.5	0
27	Human milk components inhibit H1N1 influenza virus infection in vitro. <i>FASEB Journal</i> , 2013, 27, 629.2.	0.5	0
28	Prevention of Rotavirus-induced Diarrhea. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2012, 55, 2-2.	1.8	3
29	Human milk mucins inhibit salmonella typhimurium invasion of human epithelial cells. <i>FASEB Journal</i> , 2011, 25, lb265.	0.5	0
30	Characteristics and Potential Functions of Human Milk Adiponectin. <i>Journal of Pediatrics</i> , 2010, 156, S41-S46.	1.8	100
31	Secretor phenotype and genotype are novel predictors of severe outcomes in premature infants. <i>FASEB Journal</i> , 2010, 24, 480.6.	0.5	0
32	Novel salivary and genetic biomarkers of risk for NEC or death in premature infants. <i>FASEB Journal</i> , 2009, 23, LB270.	0.5	0
33	Bacterial symbionts induce a FUT2-dependent fucosylated niche on colonic epithelium via ERK and JNK signaling. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 293, G780-G787.	3.4	58
34	Protection of the Neonate by the Innate Immune System of Developing Gut and of Human Milk. <i>Pediatric Research</i> , 2007, 61, 2-8.	2.3	425
35	Human-Milk Glycans That Inhibit Pathogen Binding Protect Breast-feeding Infants against Infectious Diarrhea. <i>Journal of Nutrition</i> , 2005, 135, 1304-1307.	2.9	333
36	Innate Immunity and Human Milk. <i>Journal of Nutrition</i> , 2005, 135, 1308-1312.	2.9	192

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37	HUMAN MILK GLYCANS PROTECT INFANTS AGAINST ENTERIC PATHOGENS. Annual Review of Nutrition, 2005, 25, 37-58.	10.1	571
38	Innate protection conferred by fucosylated oligosaccharides of human milk against diarrhea in breastfed infants. Glycobiology, 2004, 14, 253-263.	2.5	228
39	Human milk oligosaccharides are associated with protection against diarrhea in breast-fed infants. Journal of Pediatrics, 2004, 145, 297-303.	1.8	384
40	Campylobacter jejuni Binds Intestinal H(O) Antigen (Fuc1, 2Gal2, 4GlcNAc), and Fucosyloligosaccharides of Human Milk Inhibit Its Binding and Infection. Journal of Biological Chemistry, 2003, 278, 14112-14120.	3.4	512
41	The role of indigenous microflora in the development of murine intestinal fucosyl and sialyltransferases. FASEB Journal, 2003, 17, 44-46.	0.5	65
42	Oligosaccharides in Human Milk and Bacterial Colonization. Journal of Pediatric Gastroenterology and Nutrition, 2000, 30, S8-S17.	1.8	139
43	Role of human-milk lactadherin in protection against symptomatic rotavirus infection. Lancet, The, 1998, 351, 1160-1164.	13.7	295
44	Milk Oligosaccharide Profiles by Reversed-Phase HPLC of Their Perbenzoylated Derivatives. Analytical Biochemistry, 1997, 251, 89-97.	2.4	95
45	Oligosaccharides and glycoconjugates in human milk: Their role in host defense. Journal of Mammary Gland Biology and Neoplasia, 1996, 1, 271-283.	2.7	133
46	A Human Milk Factor Inhibits Binding of Human Immunodeficiency Virus to the CD4 Receptor. Pediatric Research, 1992, 31, 22-28.	2.3	83