

Jerry M Wells

List of Publications by Citations

Source: <https://exaly.com/author-pdf/11880460/jerry-m-wells-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37
papers

4,986
citations

28
h-index

37
g-index

37
ext. papers

5,906
ext. citations

5.3
avg, IF

5.67
L-index

#	Paper	IF	Citations
37	Intestinal permeability--a new target for disease prevention and therapy. <i>BMC Gastroenterology</i> , 2014 , 14, 189	3	810
36	Regulation of tight junction permeability by intestinal bacteria and dietary components. <i>Journal of Nutrition</i> , 2011 , 141, 769-76	4.1	692
35	Mucosal delivery of therapeutic and prophylactic molecules using lactic acid bacteria. <i>Nature Reviews Microbiology</i> , 2008 , 6, 349-62	22.2	408
34	Epithelial crosstalk at the microbiota-mucosal interface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108 Suppl 1, 4607-14	11.5	395
33	Regulation of human epithelial tight junction proteins by <i>Lactobacillus plantarum</i> in vivo and protective effects on the epithelial barrier. <i>American Journal of Physiology - Renal Physiology</i> , 2010 , 298, G851-9	5.1	388
32	Homeostasis of the gut barrier and potential biomarkers. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 312, G171-G193	5.1	240
31	Regulation of intestinal homeostasis and immunity with probiotic lactobacilli. <i>Trends in Immunology</i> , 2013 , 34, 208-15	14.4	222
30	Immunomodulatory mechanisms of lactobacilli. <i>Microbial Cell Factories</i> , 2011 , 10 Suppl 1, S17	6.4	219
29	Can probiotics modulate human disease by impacting intestinal barrier function?. <i>British Journal of Nutrition</i> , 2017 , 117, 93-107	3.6	218
28	Identification of genetic loci in <i>Lactobacillus plantarum</i> that modulate the immune response of dendritic cells using comparative genome hybridization. <i>PLoS ONE</i> , 2010 , 5, e10632	3.7	144
27	Identification of <i>Lactobacillus plantarum</i> genes modulating the cytokine response of human peripheral blood mononuclear cells. <i>BMC Microbiology</i> , 2010 , 10, 293	4.5	137
26	Faecalibacterium prausnitzii A2-165 has a high capacity to induce IL-10 in human and murine dendritic cells and modulates T cell responses. <i>Scientific Reports</i> , 2016 , 6, 18507	4.9	119
25	Guidance for substantiating the evidence for beneficial effects of probiotics: prevention and management of allergic diseases by probiotics. <i>Journal of Nutrition</i> , 2010 , 140, 713S-21S	4.1	107
24	Mucosal delivery of a pneumococcal vaccine using <i>Lactococcus lactis</i> affords protection against respiratory infection. <i>Journal of Infectious Diseases</i> , 2007 , 195, 185-93	7	90
23	Impact of 4 <i>Lactobacillus plantarum</i> capsular polysaccharide clusters on surface glycan composition and host cell signaling. <i>Microbial Cell Factories</i> , 2012 , 11, 149	6.4	74
22	Immunomodulatory properties of <i>Streptococcus</i> and <i>Veillonella</i> isolates from the human small intestine microbiota. <i>PLoS ONE</i> , 2014 , 9, e114277	3.7	73
21	The role of innate signaling in the homeostasis of tolerance and immunity in the intestine. <i>International Journal of Medical Microbiology</i> , 2010 , 300, 41-8	3.7	73

20	L. plantarum, L. salivarius, and L. lactis attenuate Th2 responses and increase Treg frequencies in healthy mice in a strain dependent manner. <i>PLoS ONE</i> , 2012 , 7, e47244	3.7	58
19	Bioengineering lactic acid bacteria to secrete the HIV-1 virucide cyanovirin. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2005 , 40, 512-20	3.1	51
18	Lactobacillus plantarum possesses the capability for wall teichoic acid backbone alditol switching. <i>Microbial Cell Factories</i> , 2012 , 11, 123	6.4	41
17	An anti-HIV microbicide engineered in commensal bacteria: secretion of HIV-1 fusion inhibitors by lactobacilli. <i>Aids</i> , 2006 , 20, 1917-22	3.5	41
16	Immunomodulatory effects of potential probiotics in a mouse peanut sensitization model. <i>FEMS Immunology and Medical Microbiology</i> , 2012 , 65, 488-96		40
15	IL-22-STAT3 pathway plays a key role in the maintenance of ileal homeostasis in mice lacking secreted mucus barrier. <i>Inflammatory Bowel Diseases</i> , 2015 , 21, 531-42	4.5	38
14	The impact of Lactobacillus plantarum WCFS1 teichoic acid D-alanylation on the generation of effector and regulatory T-cells in healthy mice. <i>PLoS ONE</i> , 2013 , 8, e63099	3.7	37
13	Supplementation with WCFS1 Prevents Decline of Mucus Barrier in Colon of Accelerated Aging Mice. <i>Frontiers in Immunology</i> , 2016 , 7, 408	8.4	34
12	Impact of Lactobacillus plantarum sortase on target protein sorting, gastrointestinal persistence, and host immune response modulation. <i>Journal of Bacteriology</i> , 2013 , 195, 502-9	3.5	33
11	Probiotics can generate FoxP3 T-cell responses in the small intestine and simultaneously inducing CD4 and CD8 T cell activation in the large intestine. <i>PLoS ONE</i> , 2013 , 8, e68952	3.7	32
10	In vitro and in vivo characterization of DNA delivery using recombinant Lactococcus lactis expressing a mutated form of L. monocytogenes Internalin A. <i>BMC Microbiology</i> , 2012 , 12, 299	4.5	28
9	Vectorial secretion of interleukin-8 mediates autocrine signalling in intestinal epithelial cells via apically located CXCR1. <i>BMC Research Notes</i> , 2013 , 6, 431	2.3	23
8	Host-recognition of pathogens and commensals in the mammalian intestine. <i>Current Topics in Microbiology and Immunology</i> , 2013 , 358, 291-321	3.3	23
7	Omics approaches to study host-microbiota interactions. <i>Current Opinion in Microbiology</i> , 2013 , 16, 270-7.9		22
6	Recombinant invasive Lactococcus lactis can transfer DNA vaccines either directly to dendritic cells or across an epithelial cell monolayer. <i>Vaccine</i> , 2015 , 33, 4807-12	4.1	17
5	Strains Can Enhance Human Mucosal and Systemic Immunity and Prevent Non-steroidal Anti-inflammatory Drug Induced Reduction in T Regulatory Cells. <i>Frontiers in Immunology</i> , 2017 , 8, 1000	8.4	17
4	Cryopreservation of monocytes or differentiated immature DCs leads to an altered cytokine response to TLR agonists and microbial stimulation. <i>Journal of Immunological Methods</i> , 2011 , 373, 136-42	2.5	15
3	Exopolysaccharides synthesized by Bifidobacterium animalis subsp. lactis interact with TLR4 in intestinal epithelial cells. <i>Anaerobe</i> , 2019 , 56, 98-101	2.8	12

- 2 Human oral isolate *Lactobacillus fermentum* AGR1487 induces a pro-inflammatory response in germ-free rat colons. *Scientific Reports*, **2016**, 6, 20318 4.9 11
- 1 Gnotobiology and the Study of Complex Interactions between the Intestinal Microbiota, Probiotics, and the Host **2015**, 109-133 4