

Jerry M Wells

List of Publications by Year in Descending Order

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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	Exopolysaccharides synthesized by <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> interact with TLR4 in intestinal epithelial cells. <i>Anaerobe</i> , 2019 , 56, 98-101	2.8	12
36	Can probiotics modulate human disease by impacting intestinal barrier function?. <i>British Journal of Nutrition</i> , 2017 , 117, 93-107	3.6	218
35	Homeostasis of the gut barrier and potential biomarkers. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 312, G171-G193	5.1	240
34	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
33	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
32	Human oral isolate <i>Lactobacillus fermentum</i> AGR1487 induces a pro-inflammatory response in germ-free rat colons. <i>Scientific Reports</i> , 2016 , 6, 20318	4.9	11
31	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
30	Recombinant invasive <i>Lactococcus lactis</i> 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
29	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
28	Gnotobiology and the Study of Complex Interactions between the Intestinal Microbiota, Probiotics, and the Host 2015 , 109-133		4
27	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
26	Intestinal permeability--a new target for disease prevention and therapy. <i>BMC Gastroenterology</i> , 2014 , 14, 189	3	810
25	Omics approaches to study host-microbiota interactions. <i>Current Opinion in Microbiology</i> , 2013 , 16, 270-7.9		22
24	Impact of <i>Lactobacillus plantarum</i> sortase on target protein sorting, gastrointestinal persistence, and host immune response modulation. <i>Journal of Bacteriology</i> , 2013 , 195, 502-9	3.5	33
23	Regulation of intestinal homeostasis and immunity with probiotic lactobacilli. <i>Trends in Immunology</i> , 2013 , 34, 208-15	14.4	222
22	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
21	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

20	The impact of <i>Lactobacillus plantarum</i> 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
19	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
18	Immunomodulatory effects of potential probiotics in a mouse peanut sensitization model. <i>FEMS Immunology and Medical Microbiology</i> , 2012 , 65, 488-96		40
17	In vitro and in vivo characterization of DNA delivery using recombinant <i>Lactococcus lactis</i> expressing a mutated form of <i>L. monocytogenes</i> Internalin A. <i>BMC Microbiology</i> , 2012 , 12, 299	4.5	28
16	<i>Lactobacillus plantarum</i> possesses the capability for wall teichoic acid backbone alditol switching. <i>Microbial Cell Factories</i> , 2012 , 11, 123	6.4	41
15	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
14	<i>L. plantarum</i> , <i>L. salivarius</i> , and <i>L. lactis</i> 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
13	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
12	Immunomodulatory mechanisms of lactobacilli. <i>Microbial Cell Factories</i> , 2011 , 10 Suppl 1, S17	6.4	219
11	Regulation of tight junction permeability by intestinal bacteria and dietary components. <i>Journal of Nutrition</i> , 2011 , 141, 769-76	4.1	692
10	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
9	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
8	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
7	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
6	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
5	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
4	Mucosal delivery of therapeutic and prophylactic molecules using lactic acid bacteria. <i>Nature Reviews Microbiology</i> , 2008 , 6, 349-62	22.2	408
3	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

- 2 An anti-HIV microbicide engineered in commensal bacteria: secretion of HIV-1 fusion inhibitors by lactobacilli. *Aids*, **2006**, 20, 1917-22 3-5 4¹
- 1 Bioengineering lactic acid bacteria to secrete the HIV-1 virucide cyanovirin. *Journal of Acquired Immune Deficiency Syndromes (1999)*, **2005**, 40, 512-20 3-1 5¹