

Ehsan Khafipour

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9418822/ehsan-khafipour-publications-by-citations.pdf>

Version: 2024-04-27

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.

102
papers

4,161
citations

36
h-index

63
g-index

113
ext. papers

5,599
ext. citations

4.1
avg. IF

5.86
L-index

#	Paper	IF	Citations
102	Rumen microbiome composition determined using two nutritional models of subacute ruminal acidosis. <i>Applied and Environmental Microbiology</i> , 2009 , 75, 7115-24	4.8	338
101	A grain-based subacute ruminal acidosis challenge causes translocation of lipopolysaccharide and triggers inflammation. <i>Journal of Dairy Science</i> , 2009 , 92, 1060-70	4	319
100	Composition and Variation of the Human Milk Microbiota Are Influenced by Maternal and Early-Life Factors. <i>Cell Host and Microbe</i> , 2019 , 25, 324-335.e4	23.4	214
99	Subacute ruminal acidosis (SARA), endotoxins and health consequences. <i>Animal Feed Science and Technology</i> , 2012 , 172, 9-21	3	168
98	Effects of subacute ruminal acidosis challenges on fermentation and endotoxins in the rumen and hindgut of dairy cows. <i>Journal of Dairy Science</i> , 2012 , 95, 294-303	4	165
97	Alfalfa pellet-induced subacute ruminal acidosis in dairy cows increases bacterial endotoxin in the rumen without causing inflammation. <i>Journal of Dairy Science</i> , 2009 , 92, 1712-24	4	138
96	Pyrosequencing reveals the influence of organic and conventional farming systems on bacterial communities. <i>PLoS ONE</i> , 2012 , 7, e51897	3.7	137
95	External influence of early childhood establishment of gut microbiota and subsequent health implications. <i>Frontiers in Pediatrics</i> , 2014 , 2, 109	3.4	123
94	Acute dextran sulfate sodium (DSS)-induced colitis promotes gut microbial dysbiosis in mice. <i>Journal of Basic Microbiology</i> , 2016 , 56, 986-98	2.7	117
93	High Molecular Weight Barley β -Glucan Alters Gut Microbiota Toward Reduced Cardiovascular Disease Risk. <i>Frontiers in Microbiology</i> , 2016 , 7, 129	5.7	101
92	Development of Ruminal and Fecal Microbiomes Are Affected by Weaning But Not Weaning Strategy in Dairy Calves. <i>Frontiers in Microbiology</i> , 2016 , 7, 582	5.7	86
91	Antepartum Antibiotic Treatment Increases Offspring Susceptibility to Experimental Colitis: A Role of the Gut Microbiota. <i>PLoS ONE</i> , 2015 , 10, e0142536	3.7	81
90	147 The inter-related physio-ecology of the gastrointestinal tract, the mammary gland and the reproductive system in dairy cattle and swine.. <i>Journal of Animal Science</i> , 2018 , 96, 341-342	0.7	78
89	Induction of Subacute Ruminal Acidosis Affects the Ruminal Microbiome and Epithelium. <i>Frontiers in Microbiology</i> , 2016 , 7, 701	5.7	77
88	Detection of Antibiotic Resistance Genes in Source and Drinking Water Samples from a First Nations Community in Canada. <i>Applied and Environmental Microbiology</i> , 2016 , 82, 4767-4775	4.8	77
87	Changes in Microbiota in Rumen Digesta and Feces Due to a Grain-Based Subacute Ruminal Acidosis (SARA) Challenge. <i>Microbial Ecology</i> , 2017 , 74, 485-495	4.4	76
86	An extended single-index multiplexed 16S rRNA sequencing for microbial community analysis on MiSeq illumina platforms. <i>Journal of Basic Microbiology</i> , 2016 , 56, 321-6	2.7	76

85	Invited review: Microbiota of the bovine udder: Contributing factors and potential implications for udder health and mastitis susceptibility. <i>Journal of Dairy Science</i> , 2018 , 101, 10605-10625	4	76
84	Impact of combined β -glucanase and xylanase enzymes on growth performance, nutrients utilization and gut microbiota in broiler chickens fed corn or wheat-based diets. <i>Poultry Science</i> , 2016 , 95, 528-40	3.9	64
83	Comparison of DNA-, PMA-, and RNA-based 16S rRNA Illumina sequencing for detection of live bacteria in water. <i>Scientific Reports</i> , 2017 , 7, 5752	4.9	60
82	Characterization of <i>Escherichia coli</i> isolated from gut biopsies of newly diagnosed patients with inflammatory bowel disease. <i>Inflammatory Bowel Diseases</i> , 2011 , 17, 1451-63	4.5	60
81	Effects of grain feeding on microbiota in the digestive tract of cattle. <i>Animal Frontiers</i> , 2016 , 6, 13-19	5.5	59
80	Weaning age influences the severity of gastrointestinal microbiome shifts in dairy calves. <i>Scientific Reports</i> , 2017 , 7, 198	4.9	58
79	Review: Enhancing gastrointestinal health in dairy cows. <i>Animal</i> , 2018 , 12, s399-s418	3.1	56
78	Consumption of acidic water alters the gut microbiome and decreases the risk of diabetes in NOD mice. <i>Journal of Histochemistry and Cytochemistry</i> , 2014 , 62, 237-50	3.4	55
77	Central muscarinic cholinergic activation alters interaction between splenic dendritic cell and CD4 ⁺ CD25 ⁻ T cells in experimental colitis. <i>PLoS ONE</i> , 2014 , 9, e109272	3.7	55
76	The Prebiotic and Probiotic Properties of Human Milk: Implications for Infant Immune Development and Pediatric Asthma. <i>Frontiers in Pediatrics</i> , 2018 , 6, 197	3.4	52
75	Breastmilk Feeding Practices Are Associated with the Co-Occurrence of Bacteria in Mothers' Milk and the Infant Gut: the CHILD Cohort Study. <i>Cell Host and Microbe</i> , 2020 , 28, 285-297.e4	23.4	51
74	Interactions between Obesity Status and Dietary Intake of Monounsaturated and Polyunsaturated Oils on Human Gut Microbiome Profiles in the Canola Oil Multicenter Intervention Trial (COMIT). <i>Frontiers in Microbiology</i> , 2016 , 7, 1612	5.7	50
73	Indicators of induced subacute ruminal acidosis (SARA) in Danish Holstein cows. <i>Acta Veterinaria Scandinavica</i> , 2015 , 57, 39	2	49
72	Metagenomic analysis of rumen microbial population in dairy heifers fed a high grain diet supplemented with dicarboxylic acids or polyphenols. <i>BMC Veterinary Research</i> , 2016 , 12, 29	2.7	44
71	Nutritional Models of Experimentally-Induced Subacute Ruminal Acidosis (SARA) Differ in Their Impact on Rumen and Hindgut Bacterial Communities in Dairy Cows. <i>Frontiers in Microbiology</i> , 2016 , 7, 2128	5.7	44
70	Integrated Analysis of Human Milk Microbiota With Oligosaccharides and Fatty Acids in the CHILD Cohort. <i>Frontiers in Nutrition</i> , 2019 , 6, 58	6.2	42
69	Short Term High Fat Diet Induces Obesity-Enhancing Changes in Mouse Gut Microbiota That are Partially Reversed by Cessation of the High Fat Diet. <i>Lipids</i> , 2017 , 52, 499-511	1.6	41
68	Population structure of rumen <i>Escherichia coli</i> associated with subacute ruminal acidosis (SARA) in dairy cattle. <i>Journal of Dairy Science</i> , 2011 , 94, 351-60	4	41

67	Co-fermentation of glucose, starch, and cellulose for mesophilic biohydrogen production. <i>International Journal of Hydrogen Energy</i> , 2014 , 39, 20958-20967	6.7	40
66	The Features of Fecal and Ileal Mucosa-Associated Microbiota in Dairy Calves during Early Infection with <i>Mycobacterium avium</i> Subspecies paratuberculosis. <i>Frontiers in Microbiology</i> , 2016 , 7, 426	5.7	36
65	Impact of <i>Saccharomyces cerevisiae</i> fermentation product and subacute ruminal acidosis on production, inflammation, and fermentation in the rumen and hindgut of dairy cows. <i>Animal Feed Science and Technology</i> , 2016 , 211, 50-60	3	35
64	Common Distribution of Operon in and its GadA Contributes to Efficient GABA Synthesis toward Cytosolic Near-Neutral pH. <i>Frontiers in Microbiology</i> , 2017 , 8, 206	5.7	34
63	Carrageenan Gum and Adherent Invasive <i>Escherichia coli</i> in a Piglet Model of Inflammatory Bowel Disease: Impact on Intestinal Mucosa-associated Microbiota. <i>Frontiers in Microbiology</i> , 2016 , 7, 462	5.7	34
62	Assessment of complementary feeding of Canadian infants: effects on microbiome & oxidative stress, a randomized controlled trial. <i>BMC Pediatrics</i> , 2017 , 17, 54	2.6	33
61	Evaluation of diagnostic measures for subacute ruminal acidosis in dairy cows. <i>Canadian Journal of Animal Science</i> , 2012 , 92, 353-364	0.9	33
60	Linking Periparturient Dynamics of Ruminal Microbiota to Dietary Changes and Production Parameters. <i>Frontiers in Microbiology</i> , 2016 , 7, 2143	5.7	30
59	Effect of live yeast <i>Saccharomyces cerevisiae</i> (Actisaf Sc 47) supplementation on the performance and hindgut microbiota composition of weanling pigs. <i>Scientific Reports</i> , 2018 , 8, 5315	4.9	29
58	<i>Mycobacterium avium</i> Subspecies paratuberculosis Infection Modifies Gut Microbiota under Different Dietary Conditions in a Rabbit Model. <i>Frontiers in Microbiology</i> , 2016 , 7, 446	5.7	29
57	Bacteria in drinking water sources of a First Nation reserve in Canada. <i>Science of the Total Environment</i> , 2017 , 575, 813-819	10.2	25
56	Impact of xylanases on gut microbiota of growing pigs fed corn- or wheat-based diets. <i>Animal Nutrition</i> , 2018 , 4, 339-350	4.8	25
55	Grain-based versus alfalfa-based subacute ruminal acidosis induction experiments: Similarities and differences between changes in milk fatty acids. <i>Journal of Dairy Science</i> , 2013 , 96, 4100-11	4	24
54	Reactivation of Intestinal Inflammation Is Suppressed by Catestatin in a Murine Model of Colitis M1 Macrophages and Not the Gut Microbiota. <i>Frontiers in Immunology</i> , 2017 , 8, 985	8.4	24
53	Composition of the teat canal and intramammary microbiota of dairy cows subjected to antimicrobial dry cow therapy and internal teat sealant. <i>Journal of Dairy Science</i> , 2018 , 101, 10191-10205 ⁴		24
52	Feeding practice influences gut microbiome composition in very low birth weight preterm infants and the association with oxidative stress: A prospective cohort study. <i>Free Radical Biology and Medicine</i> , 2019 , 142, 146-154	7.8	23
51	Human Catestatin Alters Gut Microbiota Composition in Mice. <i>Frontiers in Microbiology</i> , 2016 , 7, 2151	5.7	20
50	Association of bovine major histocompatibility complex (BoLA) gene polymorphism with colostrum and milk microbiota of dairy cows during the first week of lactation. <i>Microbiome</i> , 2018 , 6, 203	16.6	19

49	Use of dicarboxylic acids and polyphenols to attenuate reticular pH drop and acute phase response in dairy heifers fed a high grain diet. <i>BMC Veterinary Research</i> , 2014 , 10, 277	2.7	17
48	Impact of Saskatoon berry powder on insulin resistance and relationship with intestinal microbiota in high fat-high sucrose diet-induced obese mice. <i>Journal of Nutritional Biochemistry</i> , 2019 , 69, 130-138	6.3	16
47	Human milk fungi: environmental determinants and inter-kingdom associations with milk bacteria in the CHILD Cohort Study. <i>BMC Microbiology</i> , 2020 , 20, 146	4.5	16
46	Associations between digital dermatitis lesion grades in dairy cattle and the quantities of four <i>Treponema</i> species. <i>Veterinary Research</i> , 2018 , 49, 111	3.8	16
45	Dietary supplementation with flaxseed meal and oat hulls modulates intestinal histomorphometric characteristics, digesta- and mucosa-associated microbiota in pigs. <i>Scientific Reports</i> , 2018 , 8, 5880	4.9	15
44	Effect of crowding stress and <i>Escherichia coli</i> K88+ challenge in nursery pigs supplemented with anti- <i>Escherichia coli</i> K88+ probiotics. <i>Journal of Animal Science</i> , 2014 , 92, 2017-29	0.7	14
43	Monitoring Survivability and Infectivity of Porcine Epidemic Diarrhea Virus (PEDv) in the Infected On-Farm Earthen Manure Storages (EMS). <i>Frontiers in Microbiology</i> , 2016 , 7, 265	5.7	14
42	Diet induced changes in the microbiota and cell composition of rabbit gut associated lymphoid tissue (GALT). <i>Scientific Reports</i> , 2018 , 8, 14103	4.9	14
41	Comparison of feed intake, body weight gain, enteric methane emission and relative abundance of rumen microbes in steers fed sainfoin and lucerne silages under western Canadian conditions. <i>Grass and Forage Science</i> , 2015 , 70, 116-129	2.3	13
40	Composition and co-occurrence patterns of the microbiota of different niches of the bovine mammary gland: potential associations with mastitis susceptibility, udder inflammation, and teat-end hyperkeratosis. <i>Animal Microbiome</i> , 2020 , 2, 11	4.1	13
39	Deletion of the Toll-Like Receptor 5 Gene Per Se Does Not Determine the Gut Microbiome Profile That Induces Metabolic Syndrome: Environment Trumps Genotype. <i>PLoS ONE</i> , 2016 , 11, e0150943	3.7	13
38	Selective Induction of Homeostatic Th17 Cells in the Murine Intestine by Cholera Toxin Interacting with the Microbiota. <i>Journal of Immunology</i> , 2017 , 199, 312-322	5.3	11
37	Effect of headspace carbon dioxide sequestration on microbial biohydrogen communities. <i>International Journal of Hydrogen Energy</i> , 2015 , 40, 9966-9976	6.7	11
36	Characterization of the rumen and fecal microbiome in bloated and non-bloated cattle grazing alfalfa pastures and subjected to bloat prevention strategies. <i>Scientific Reports</i> , 2019 , 9, 4272	4.9	9
35	Significance of acclimatization for biohydrogen production from synthetic lignocellulose hydrolysate in continuous-flow systems. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 14003-14014	6.7	9
34	Free endotoxins in the feces of lactating dairy cows. <i>Canadian Journal of Animal Science</i> , 2010 , 90, 591-594	2.9	8
33	Amniotic fluid proteomic signatures of cervical insufficiency and their association with length of latency. <i>American Journal of Reproductive Immunology</i> , 2018 , 80, e13030	3.8	7
32	Interactions of <i>Saccharomyces cerevisiae</i> fermentation product and in-feed antibiotic on gastrointestinal and immunological responses in piglets challenged with <i>Escherichia coli</i> K88+. <i>Journal of Animal Science</i> , 2012 , 90 Suppl 4, 1-3	0.7	7

31	Response of Microbial Community to Induced Failure of Anaerobic Digesters Through Overloading With Propionic Acid Followed by Process Recovery. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 604838	5.8	7
30	Combined effects of chitosan and microencapsulated CG1.0007 probiotic supplementation on performance and diarrhea incidences in enterotoxigenic K88 challenged piglets. <i>Animal Nutrition</i> , 2017 , 3, 366-371	4.8	6
29	Detection of fecal bacteria and antibiotic resistance genes in drinking water collected from three First Nations communities in Manitoba, Canada. <i>FEMS Microbiology Letters</i> , 2019 , 366,	2.9	6
28	Effects of grain-pellet and alfalfa-pellet subacute ruminal acidosis (SARA) challenges on feeding behaviour of lactating dairy cows. <i>Canadian Journal of Animal Science</i> , 2011 , 91, 323-330	0.9	6
27	Saccharomyces cerevisiae fermentation products (SCFP) stabilize the ruminal microbiota of lactating dairy cows during periods of a depressed rumen pH. <i>BMC Veterinary Research</i> , 2020 , 16, 237	2.7	6
26	Biological observations in microbiota analysis are robust to the choice of 16S rRNA gene sequencing processing algorithm: case study on human milk microbiota. <i>BMC Microbiology</i> , 2020 , 20, 290	4.5	6
25	Denosumab Regulates Gut Microbiota Composition and Cytokines in Dinitrobenzene Sulfonic Acid (DNBS)-Experimental Colitis. <i>Frontiers in Microbiology</i> , 2020 , 11, 1405	5.7	5
24	The impact of epidermal growth factor supernatant on pig performance and ileal microbiota. <i>Translational Animal Science</i> , 2018 , 2, 184-194	1.4	5
23	High molecular weight barley β glucan supports bacterial populations beneficial for gut health (647.45). <i>FASEB Journal</i> , 2014 , 28, 647.45	0.9	4
22	Interrelationships of Fiber-Associated Anaerobic Fungi and Bacterial Communities in the Rumen of Bloat Cattle Grazing Alfalfa. <i>Microorganisms</i> , 2020 , 8,	4.9	4
21	Effect of chicken egg anti-F4 antibodies on performance and diarrhea incidences in enterotoxigenic K88-challenged piglets. <i>Animal Nutrition</i> , 2017 , 3, 353-358	4.8	3
20	The Fecal Environment, The Gut1-21		3
19	Altering undigested neutral detergent fiber through additives applied in corn, whole barley crop, and alfalfa silages, and its effect on performance of lactating Holstein dairy cows. <i>Asian-Australasian Journal of Animal Sciences</i> , 2019 , 32, 375-386	2.4	3
18	Tu1893 Human Catestatin Represses Reactivation of Intestinal Inflammation in a Murine Model of Colitis Through the M1 Macrophages and Not the Gut Microbiota. <i>Gastroenterology</i> , 2016 , 150, S969	13.3	3
17	Effects of Saccharomyces cerevisiae fermentation products and subacute ruminal acidosis on feed intake, fermentation, and nutrient digestibilities in lactating dairy cows. <i>Canadian Journal of Animal Science</i> , 2021 , 101, 143-157	0.9	3
16	Repeatability and reproducibility assessment in a large-scale population-based microbiota study: case study on human milk microbiota. <i>Microbiome</i> , 2021 , 9, 41	16.6	3
15	Effects of dry period management and parity on rumen fermentation, blood metabolites, and liver triacylglyceride in dairy cows. <i>Canadian Journal of Animal Science</i> , 2015 , 95, 445-453	0.9	2
14	Effects of dry period management on milk production, dry matter intake, and energy balance of dairy cows. <i>Canadian Journal of Animal Science</i> , 2015 , 95, 433-444	0.9	2

13	397 Time Series and Correlation Network Analyses to Identify the Role of Maternal Microbiomes on Development of Piglet Gut Microbiome and Susceptibility to Neonatal Porcine Diarrhea.. <i>Journal of Animal Science</i> , 2018 , 96, 213-213	0.7	2
12	Effect of <i>Propionibacterium acidipropionici</i> P169 on the rumen and faecal microbiota of beef cattle fed a maize-based finishing diet. <i>Beneficial Microbes</i> , 2017 , 8, 785-799	4.9	1
11	757 Associations between gut, mammary and vaginal microbiomes in dairy cows: Role in health and disease. <i>Journal of Animal Science</i> , 2017 , 95, 366-366	0.7	1
10	The Manitoba Personalized Lifestyle Research (TMPLR) study protocol: a multicentre bidirectional observational cohort study with administrative health record linkage investigating the interactions between lifestyle and health in Manitoba, Canada. <i>BMJ Open</i> , 2019 , 9, e023318	3	1
9	Repeatability and reproducibility assessment in a large-scale population-based microbiota study: case study on human milk microbiota		1
8	Effects of unsaturated fatty acids (USFA) on human gut microbiome profile in a subset of canola oil multicenter intervention trial (COMIT). <i>FASEB Journal</i> , 2013 , 27, 1056.7	0.9	1
7	Effects of the dietary grain content on rumen and fecal microbiota of dairy cows. <i>Canadian Journal of Animal Science</i> , 2021 , 101, 274-286	0.9	1
6	Microbial Population Change in Anaerobic Digestion during Copper Sulfate Inhibition and Recovery. <i>Transactions of the ASABE</i> , 2019 , 62, 1231-1241	0.9	1
5	73 Effect of subacute ruminal acidosis (SARA) and <i>Saccharomyces cerevisiae</i> fermentation products on gastrointestinal microbiome of dairy cows.. <i>Journal of Animal Science</i> , 2018 , 96, 398-398	0.7	1
4	Increasing corn distillers solubles alters the liquid fraction of the ruminal microbiome. <i>Journal of Animal Science</i> , 2017 , 95, 3540-3551	0.7	0
3	Systems Biology and Ruminal Acidosis 2017 , 51-69		0
2	Molecular and Omics Techniques for Studying Gut Microbiota Relevant to Food Animal Production 2018 , 71-94		
1	Effects of feeding strategy and duration of the dry period on the rumen microbiota of dairy cows. <i>Canadian Journal of Animal Science</i> , 2020 , 100, 346-358	0.9	