

Rachel Pilla

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,192
citations

430442

18
h-index

395343

33
g-index

39
all docs

39
docs citations

39
times ranked

1197
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of the Canine Gut Microbiome and Metabolome in Health and Gastrointestinal Disease. <i>Frontiers in Veterinary Science</i> , 2019, 6, 498.	0.9	215
2	Effects of metronidazole on the fecal microbiome and metabolome in healthy dogs. <i>Journal of Veterinary Internal Medicine</i> , 2020, 34, 1853-1866.	0.6	103
3	Fecal Microbial and Metabolic Profiles in Dogs With Acute Diarrhea Receiving Either Fecal Microbiota Transplantation or Oral Metronidazole. <i>Frontiers in Veterinary Science</i> , 2020, 7, 192.	0.9	82
4	The autophagic machinery ensures nonlytic transmission of mycobacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E687-92.	3.3	67
5	The Gut Microbiome of Dogs and Cats, and the Influence of Diet. <i>Veterinary Clinics of North America - Small Animal Practice</i> , 2021, 51, 605-621.	0.5	63
6	Hygienic and health characteristics of donkey milk during a follow-up study. <i>Journal of Dairy Research</i> , 2010, 77, 392-397.	0.7	59
7	Characterization of the fecal microbiome in cats with inflammatory bowel disease or alimentary small cell lymphoma. <i>Scientific Reports</i> , 2019, 9, 19208.	1.6	59
8	Differential cell count as an alternative method to diagnose dairy cow mastitis. <i>Journal of Dairy Science</i> , 2013, 96, 1653-1660.	1.4	54
9	Microscopic differential cell counting to identify inflammatory reactions in dairy cow quarter milk samples. <i>Journal of Dairy Science</i> , 2012, 95, 4410-4420.	1.4	38
10	Reproductive Senescence and Ischemic Stroke Remodel the Gut Microbiome and Modulate the Effects of Estrogen Treatment in Female Rats. <i>Translational Stroke Research</i> , 2020, 11, 812-830.	2.3	36
11	Microbiota-Related Changes in Unconjugated Fecal Bile Acids Are Associated With Naturally Occurring, Insulin-Dependent Diabetes Mellitus in Dogs. <i>Frontiers in Veterinary Science</i> , 2019, 6, 199.	0.9	35
12	Sex differences in stroke outcome correspond to rapid and severe changes in gut permeability in adult Sprague-Dawley rats. <i>Biology of Sex Differences</i> , 2021, 12, 14.	1.8	31
13	Neuroprotective effects of p62(SQSTM1)-engineered lactic acid bacteria in Alzheimer's disease: a pre-clinical study. <i>Aging</i> , 2020, 12, 15995-16020.	1.4	30
14	The cecal and fecal microbiomes and metabolomes of horses before and after metronidazole administration. <i>PLoS ONE</i> , 2020, 15, e0232905.	1.1	29
15	Administration of a Synbiotic Containing <i>Enterococcus faecium</i> Does Not Significantly Alter Fecal Microbiota Richness or Diversity in Dogs With and Without Food-Responsive Chronic Enteropathy. <i>Frontiers in Veterinary Science</i> , 2019, 6, 277.	0.9	24
16	Dysbiosis index to evaluate the fecal microbiota in healthy cats and cats with chronic enteropathies. <i>Journal of Feline Medicine and Surgery</i> , 2022, 24, e1-e12.	0.6	24
17	The effect of combined carprofen and omeprazole administration on gastrointestinal permeability and inflammation in dogs. <i>Journal of Veterinary Internal Medicine</i> , 2020, 34, 1886-1893.	0.6	23
18	Study of <i>Staphylococcus aureus</i> collected at slaughter from dairy cows with chronic mastitis. <i>Journal of Dairy Research</i> , 2012, 79, 249-255.	0.7	22

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19	Alterations in the Fecal Microbiome and Metabolome of Horses with Antimicrobial-Associated Diarrhea Compared to Antibiotic-Treated and Non-Treated Healthy Case Controls. <i>Animals</i> , 2021, 11, 1807.	1.0	20
20	Fecal microbiota in client-owned obese dogs changes after weight loss with a high-fiber-high-protein diet. <i>PeerJ</i> , 2020, 8, e9706.	0.9	19
21	Feedback-Based, System-Level Properties of Vertebrate-Microbial Interactions. <i>PLoS ONE</i> , 2013, 8, e53984.	1.1	18
22	The effects of signalment, diet, geographic location, season, and colitis associated with antimicrobial use or <i>Salmonella</i> infection on the fecal microbiome of horses. <i>Journal of Veterinary Internal Medicine</i> , 2021, 35, 2437-2448.	0.6	16
23	The Effects of a Ketogenic Medium-Chain Triglyceride Diet on the Feces in Dogs With Idiopathic Epilepsy. <i>Frontiers in Veterinary Science</i> , 2020, 7, 541547.	0.9	14
24	Evaluation of the effects of anthelmintic administration on the fecal microbiome of healthy dogs with and without subclinical <i>Giardia</i> spp. and <i>Cryptosporidium canis</i> infections. <i>PLoS ONE</i> , 2020, 15, e0228145.	1.1	13
25	Untargeted metabolomic analysis in cats with naturally occurring inflammatory bowel disease and alimentary small cell lymphoma. <i>Scientific Reports</i> , 2021, 11, 9198.	1.6	12
26	Long-Term Recovery of the Fecal Microbiome and Metabolome of Dogs with Steroid-Responsive Enteropathy. <i>Animals</i> , 2021, 11, 2498.	1.0	11
27	Short- and long-term effects of amoxicillin/clavulanic acid or doxycycline on the gastrointestinal microbiome of growing cats. <i>PLoS ONE</i> , 2021, 16, e0253031.	1.1	11
28	Evaluation of biofilm formation using milk in a flow cell model and microarray characterization of <i>Staphylococcus aureus</i> strains from bovine mastitis. <i>Veterinary Microbiology</i> , 2014, 174, 489-495.	0.8	10
29	Effect of sequentially fed high protein, hydrolyzed protein, and high fiber diets on the fecal microbiota of healthy dogs: a cross-over study. <i>Animal Microbiome</i> , 2021, 3, 42.	1.5	9
30	Duplex real-time PCR assay for rapid identification of <i>Staphylococcus aureus</i> isolates from dairy cow milk. <i>Journal of Dairy Research</i> , 2013, 80, 223-226.	0.7	8
31	Untargeted fecal metabolome analysis in obese dogs after weight loss achieved by feeding a high-fiber-high-protein diet. <i>Metabolomics</i> , 2021, 17, 66.	1.4	8
32	A Role for the Microbiota in the Immune Phenotype Alteration Associated with the Induction of Disease Tolerance and Persistent Asymptomatic Infection of <i>Salmonella</i> in the Chicken. <i>Microorganisms</i> , 2020, 8, 1879.	1.6	6
33	Different enzymatic associations in diets of broiler chickens formulated with corn dried at various temperatures. <i>Poultry Science</i> , 2021, 100, 101013.	1.5	5
34	The Serum and Fecal Metabolomic Profiles of Growing Kittens Treated with Amoxicillin/Clavulanic Acid or Doxycycline. <i>Animals</i> , 2022, 12, 330.	1.0	5
35	Influence of Enzyme Supplementation in the Diets of Broiler Chickens Formulated with Different Corn Hybrids Dried at Various Temperatures. <i>Animals</i> , 2021, 11, 643.	1.0	4
36	Common Metabolites in Two Different Hypertensive Mouse Models: A Serum and Urine Metabolome Study. <i>Biomolecules</i> , 2021, 11, 1387.	1.8	4

#	ARTICLE	IF	CITATIONS
37	Abstract MP57: Sex Differences in Stroke Outcome Are Associated With Constitutive Gut Dysbiosis and Stroke-Induced Gut Permeability. <i>Stroke</i> , 2021, 52, .	1.0	0
38	Abstract MP42: Metabolomic Study To Identify Common Metabolites In Two Different Mouse Models Of Hypertension. <i>Hypertension</i> , 2021, 78, .	1.3	0