

# Rachel Pilla

## List of Publications by Citations

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34  
papers

528  
citations

13  
h-index

22  
g-index

39  
ext. papers

860  
ext. citations

4  
avg, IF

4.33  
L-index

#	Paper	IF	Citations
34	The Role of the Canine Gut Microbiome and Metabolome in Health and Gastrointestinal Disease. <i>Frontiers in Veterinary Science</i> , <b>2019</b> , 6, 498	3.1	78
33	The autophagic machinery ensures nonlytic transmission of mycobacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E687-92	11.5	52
32	Hygienic and health characteristics of donkey milk during a follow-up study. <i>Journal of Dairy Research</i> , <b>2010</b> , 77, 392-7	1.6	44
31	Differential cell count as an alternative method to diagnose dairy cow mastitis. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 1653-60	4	35
30	Characterization of the fecal microbiome in cats with inflammatory bowel disease or alimentary small cell lymphoma. <i>Scientific Reports</i> , <b>2019</b> , 9, 19208	4.9	31
29	Microscopic differential cell counting to identify inflammatory reactions in dairy cow quarter milk samples. <i>Journal of Dairy Science</i> , <b>2012</b> , 95, 4410-20	4	30
28	Effects of metronidazole on the fecal microbiome and metabolome in healthy dogs. <i>Journal of Veterinary Internal Medicine</i> , <b>2020</b> , 34, 1853-1866	3.1	30
27	Fecal Microbial and Metabolic Profiles in Dogs With Acute Diarrhea Receiving Either Fecal Microbiota Transplantation or Oral Metronidazole. <i>Frontiers in Veterinary Science</i> , <b>2020</b> , 7, 192	3.1	30
26	Study of Staphylococcus aureus collected at slaughter from dairy cows with chronic mastitis. <i>Journal of Dairy Research</i> , <b>2012</b> , 79, 249-55	1.6	21
25	Reproductive Senescence and Ischemic Stroke Remodel the Gut Microbiome and Modulate the Effects of Estrogen Treatment in Female Rats. <i>Translational Stroke Research</i> , <b>2020</b> , 11, 812-830	7.8	20
24	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> , <b>2019</b> , 6, 199	3.1	17
23	Administration of a Synbiotic Containing Does Not Significantly Alter Fecal Microbiota Richness or Diversity in Dogs With and Without Food-Responsive Chronic Enteropathy. <i>Frontiers in Veterinary Science</i> , <b>2019</b> , 6, 277	3.1	16
22	The cecal and fecal microbiomes and metabolomes of horses before and after metronidazole administration. <i>PLoS ONE</i> , <b>2020</b> , 15, e0232905	3.7	14
21	Neuroprotective effects of p62(SQSTM1)-engineered lactic acid bacteria in Alzheimer's disease: a pre-clinical study. <i>Aging</i> , <b>2020</b> , 12, 15995-16020	5.6	13
20	Feedback-based, system-level properties of vertebrate-microbial interactions. <i>PLoS ONE</i> , <b>2013</b> , 8, e53984	7.7	12
19	The Gut Microbiome of Dogs and Cats, and the Influence of Diet. <i>Veterinary Clinics of North America - Small Animal Practice</i> , <b>2021</b> , 51, 605-621	2.4	11
18	Evaluation of biofilm formation using milk in a flow cell model and microarray characterization of Staphylococcus aureus strains from bovine mastitis. <i>Veterinary Microbiology</i> , <b>2014</b> , 174, 489-495	3.3	9

17	Evaluation of the effects of anthelmintic administration on the fecal microbiome of healthy dogs with and without subclinical Giardia spp. and Cryptosporidium canis infections. <i>PLoS ONE</i> , <b>2020</b> , 15, e0228145	3.7	8
16	Fecal microbiota in client-owned obese dogs changes after weight loss with a high-fiber-high-protein diet. <i>PeerJ</i> , <b>2020</b> , 8, e9706	3.1	8
15	Duplex real-time PCR assay for rapid identification of Staphylococcus aureus isolates from dairy cow milk. <i>Journal of Dairy Research</i> , <b>2013</b> , 80, 223-6	1.6	7
14	The effect of combined carprofen and omeprazole administration on gastrointestinal permeability and inflammation in dogs. <i>Journal of Veterinary Internal Medicine</i> , <b>2020</b> , 34, 1886-1893	3.1	7
13	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> , <b>2021</b> , 11,	3.1	7
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> , <b>2021</b> , 12, 14	9.3	6
11	Different enzymatic associations in diets of broiler chickens formulated with corn dried at various temperatures. <i>Poultry Science</i> , <b>2021</b> , 100, 101013	3.9	3
10	The effects of signalment, diet, geographic location, season, and colitis associated with antimicrobial use or Salmonella infection on the fecal microbiome of horses. <i>Journal of Veterinary Internal Medicine</i> , <b>2021</b> , 35, 2437-2448	3.1	3
9	Dysbiosis index to evaluate the fecal microbiota in healthy cats and cats with chronic enteropathies.. <i>Journal of Feline Medicine and Surgery</i> , <b>2022</b> , 1098612X221077876	2.3	3
8	The Effects of a Ketogenic Medium-Chain Triglyceride Diet on the Feces in Dogs With Idiopathic Epilepsy. <i>Frontiers in Veterinary Science</i> , <b>2020</b> , 7, 541547	3.1	2
7	Untargeted metabolomic analysis in cats with naturally occurring inflammatory bowel disease and alimentary small cell lymphoma. <i>Scientific Reports</i> , <b>2021</b> , 11, 9198	4.9	2
6	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> , <b>2021</b> , 3, 42	4.1	2
5	Untargeted fecal metabolome analysis in obese dogs after weight loss achieved by feeding a high-fiber-high-protein diet. <i>Metabolomics</i> , <b>2021</b> , 17, 66	4.7	2
4	A Role for the Microbiota in the Immune Phenotype Alteration Associated with the Induction of Disease Tolerance and Persistent Asymptomatic Infection of in the Chicken. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	1
3	Short- and long-term effects of amoxicillin/clavulanic acid or doxycycline on the gastrointestinal microbiome of growing cats		1
2	Long-Term Recovery of the Fecal Microbiome and Metabolome of Dogs with Steroid-Responsive Enteropathy. <i>Animals</i> , <b>2021</b> , 11,	3.1	1
1	Short- and long-term effects of amoxicillin/clavulanic acid or doxycycline on the gastrointestinal microbiome of growing cats.. <i>PLoS ONE</i> , <b>2021</b> , 16, e0253031	3.7	1