Dennis E Jewell

List of Publications by Year
in descending order

70	1,945	377584 21	286692 43
papers	citations	h-index	g-index

71	71	71	1459
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Feeding Fiber-Bound Polyphenol Ingredients at Different Levels Modulates Colonic Postbiotics to Improve Gut Health in Dogs. Animals, 2022, 12, 627.	1.0	5
2	Dietary Betaine and Fatty Acids Change Circulating Single-Carbon Metabolites and Fatty Acids in the Dog. Animals, 2022, 12, 768.	1.0	4
3	The Increase in Circulating Levels of Pro-Inflammatory Chemokines, Cytokines, and Complement C5 in Canines with Impaired Kidney Function. Current Issues in Molecular Biology, 2022, 44, 1664-1676.	1.0	7
4	Cats with Genetic Variants of AGXT2 Respond Differently to a Dietary Intervention Known to Reduce the Risk of Calcium Oxalate Stone Formation. Genes, 2022, 13, 791.	1.0	1
5	Feeding cats with chronic kidney disease food supplemented with betaine and prebiotics increases total body mass and reduces uremic toxins. PLoS ONE, 2022, 17, e0268624.	1.1	6
6	A Diet Supplemented with Polyphenols, Prebiotics and Omega-3 Fatty Acids Modulates the Intestinal Microbiota and Improves the Profile of Metabolites Linked with Anxiety in Dogs. Biology, 2022, 11, 976.	1.3	5
7	Feeding Fiber-Bound Polyphenol Ingredients at Different Levels Modulates Colonic Postbiotics to Improve Gut Health in Cats. Animals, 2022, 12, 1654.	1.0	1
8	Botanicals Reduce Circulating Concentrations of Cholesterol and Triglycerides and Work Synergistically With Arachidonic Acid to Reduce Inflammatory Cytokines in Cats. Frontiers in Veterinary Science, 2021, 8, 620447.	0.9	1
9	Dietary Carnitine and Carnosine Increase Body Lean in Healthy Cats in a Preliminary Study. Biology, 2021, 10, 299.	1.3	0
10	Increased Water Viscosity Enhances Water Intake and Reduces Risk of Calcium Oxalate Stone Formation in Cats. Animals, 2021, 11, 2110.	1.0	1
11	Dietary Protein and Carbohydrate Levels Affect the Gut Microbiota and Clinical Assessment in Healthy Adult Cats. Journal of Nutrition, 2021, 151, 3637-3650.	1.3	14
12	A Low to Medium-Shear Extruded Kibble with Greater Resistant Starch Increased Fecal Oligosaccharides, Butyric Acid, and Other Saccharolytic Fermentation By-Products in Dogs. Microorganisms, 2021, 9, 2293.	1.6	2
13	Effect of Nutrition on Age-Related Metabolic Markers and the Gut Microbiota in Cats. Microorganisms, 2021, 9, 2430.	1.6	1
14	Changes in the Fecal Metabolome Are Associated with Feeding Fiber Not Health Status in Cats with Chronic Kidney Disease. Metabolites, 2020, 10, 281.	1.3	8
15	Consumption of identically formulated foods extruded under low and high shear force reveals that microbiome redox ratios accompany canine immunoglobulin A production. Journal of Animal Physiology and Animal Nutrition, 2020, 104, 1551-1567.	1.0	9
16	Effect of Added Dietary Betaine and Soluble Fiber on Metabolites and Fecal Microbiome in Dogs with Early Renal Disease. Metabolites, 2020, 10, 370.	1.3	11
17	Varying Protein Levels Influence Metabolomics and the Gut Microbiome in Healthy Adult Dogs. Toxins, 2020, 12, 517.	1.5	31
18	Dietary Fatty Acids Change Circulating Fatty Acids, Microbial Putrefactive Postbiotics and Betaine Status in the Cat. Animals, 2020, 10, 2310.	1.0	4

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19	Docosahexaenoate-enriched fish oil and medium chain triglycerides shape the feline plasma lipidome and synergistically decrease circulating gut microbiome-derived putrefactive postbiotics. PLoS ONE, 2020, 15, e0229868.	1.1	6
20	The Effects of Nutrition on the Gastrointestinal Microbiome of Cats and Dogs: Impact on Health and Disease. Frontiers in Microbiology, 2020, 11, 1266.	1.5	100
21	Chronic kidney disease in cats alters response of the plasma metabolome and fecal microbiome to dietary fiber. PLoS ONE, 2020, 15, e0235480.	1.1	24
22	Cats Have Increased Protein Digestibility as Compared to Dogs and Improve Their Ability to Absorb Protein as Dietary Protein Intake Shifts from Animal to Plant Sources. Animals, 2020, 10, 541.	1.0	25
23	Dietary resistant starch preserved through mild extrusion of grain alters fecal microbiome metabolism of dietary macronutrients while increasing immunoglobulin A in the cat. PLoS ONE, 2020, 15, e0241037.	1.1	13
24	Soluble Fiber and Omega-3 Fatty Acids Reduce Levels of Advanced Glycation End Products and Uremic Toxins in Senior Dogs by Modulating the Gut Microbiome. Journal of Food Science and Nutrition Research, 2020, 03, .	0.1	5
25	Influence of Dietary Ingredients on Lean Body Percent, Uremic Toxin Concentrations, and Kidney Function in Senior-Adult Cats. Metabolites, 2019, 9, 238.	1.3	7
26	Fiber Type Determines Feline Gut Microbiome Metabolism and Bioactive Lipid Profiles in Feces (P20-034-19). Current Developments in Nutrition, 2019, 3, nzz040.P20-034-19.	0.1	1
27	Balance of saccharolysis and proteolysis underpins improvements in stool quality induced by adding a fiber bundle containing bound polyphenols to either hydrolyzed meat or grain-rich foods. Gut Microbes, 2019, 10, 298-320.	4.3	56
28	Cats with IRIS stage 1 and 2 chronic kidney disease maintain body weight and lean muscle mass when fed food having increased caloric density, and enhanced concentrations of carnitine and essential amino acids. Veterinary Record, 2019, 184, 190-190.	0.2	14
29	Longâ€Term Consumption of High Protein Disrupts Dog Gut Microbiome and Metabolites. FASEB Journal, 2019, 33, lb248.	0.2	4
30	Fecal Bypass Macronutrients Impact Stool Quality in Dogs and Cats while Species Differentially Impacts Nutrient Digestibility. FASEB Journal, 2019, 33, 587.3.	0.2	0
31	Lowâ€Shear Extrusion of Grains Retains Resistant Starch to Increase Microbiome Saccharolysis and Fecal Hydroxy/Keto Redox Ratios of the Feline Gut. FASEB Journal, 2019, 33, 722.2.	0.2	0
32	Influence of Liver Condition and Copper on Selective Parameters of Post-Mortem Dog Tissue Samples. Animals, 2018, 8, 237.	1.0	1
33	Comparison of circulating metabolite concentrations in dogs and cats when allowed to freely choose macronutrient intake. Biology Open, 2018, 7, .	0.6	17
34	The Benefit of Anti-Inflammatory and Renal-Protective Dietary Ingredients on the Biological Processes of Aging in the Kidney. Biology, 2018, 7, 45.	1.3	10
35	When fed foods with similar palatability, healthy adult dogs and cats choose different macronutrient compositions. Journal of Experimental Biology, 2018, 221, .	0.8	20
36	Molecular and Intracellular Signaling Mechanisms of Herbs, Spices, and Food Components in the Mediterranean Diet in Improving Cognitive Function. , 2018, , 35-51.		0

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37	Cats increase lean body mass with carnitine or carnosine but not with the combination. FASEB Journal, 2018, 32, 604.3.	0.2	0
38	Lowâ€Shear Extrusion of Grains Retains Resistant Starch to Increase Saccharolytic Activity of the Canine Gut Microbiome. FASEB Journal, 2018, 32, 818.14.	0.2	0
39	Serum concentrations of symmetric dimethylarginine and creatinine in cats with kidney stones. PLoS ONE, 2017, 12, e0174854.	1.1	35
40	Increased dietary long-chain polyunsaturated fatty acids alter serum fatty acid concentrations and lower risk of urine stone formation in cats. PLoS ONE, 2017, 12, e0187133.	1.1	17
41	Anti-inflammatory Dietary Ingredients, Medicinal Plants, and Herbs Exert Beneficial Health Effects in Aging. , 2017, , 245-255.		0
42	Positive Impact of Nutritional Interventions on Serum Symmetric Dimethylarginine and Creatinine Concentrations in Client-Owned Geriatric Dogs. PLoS ONE, 2016, 11, e0153653.	1.1	24
43	Positive Impact of Nutritional Interventions on Serum Symmetric Dimethylarginine and Creatinine Concentrations in Client-Owned Geriatric Cats. PLoS ONE, 2016, 11, e0153654.	1.1	22
44	Acceptance and effects of a therapeutic renal food in pet cats with chronic kidney disease. Veterinary Record Open, 2015, 2, e000128.	0.3	6
45	Effect of feeding a weight loss food beyond a caloric restriction period on body composition and resistance to weight gain in cats. Journal of the American Veterinary Medical Association, 2015, 247, 365-374.	0.2	20
46	Effect of feeding a weight loss food beyond a caloric restriction period on body composition and resistance to weight gain in dogs. Journal of the American Veterinary Medical Association, 2015, 247, 375-384.	0.2	25
47	The beneficial role of anti-inflammatory dietary ingredients in attenuating markers of chronic low-grade inflammation in aging. Hormone Molecular Biology and Clinical Investigation, 2015, 23, 59-70.	0.3	34
48	Relationship between lean body mass and serum renal biomarkers in healthy dogs. Journal of Veterinary Internal Medicine, 2015, 29, 808-814.	0.6	107
49	Using Gross Energy Improves Metabolizable Energy Predictive Equations for Pet Foods Whereas Undigested Protein and Fiber Content Predict Stool Quality. PLoS ONE, 2013, 8, e54405.	1.1	56
50	Evaluation of cognitive learning, memory, psychomotor, immunologic, and retinal functions in healthy puppies fed foods fortified with docosahexaenoic acidâ€“rich fish oil from 8 to 52 weeks of age. Journal of the American Veterinary Medical Association, 2012, 241, 583-594.	0.2	40
51	Feeding Healthy Beagles Medium-Chain Triglycerides, Fish Oil, and Carnitine Offsets Age-Related Changes in Serum Fatty Acids and Carnitine Metabolites. PLoS ONE, 2012, 7, e49510.	1.1	35
52	Influence of dietary antioxidants and fatty acids on neutrophil mediated bacterial killing and gene expression in healthy Beagles. Veterinary Immunology and Immunopathology, 2011, 139, 217-228.	0.5	15
53	Dietary fish oil alters the lysophospholipid metabolomic profile and decreases urinary 11-dehydro thromboxane B2 concentration in healthy Beagles. Veterinary Immunology and Immunopathology, 2011, 144, 355-365.	0.5	20
54	Multicenter veterinary practice assessment of the effects of omega-3 fatty acids on osteoarthritis in dogs. Journal of the American Veterinary Medical Association, 2010, 236, 59-66.	0.2	102

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55	Evaluation of the effects of dietary supplementation with fish oil omega-3 fatty acids on weight bearing in dogs with osteoarthritis. Journal of the American Veterinary Medical Association, 2010, 236, 67-73.	0.2	131
56	A multicenter study of the effect of dietary supplementation with fish oil omega-3 fatty acids on carprofen dosage in dogs with osteoarthritis. Journal of the American Veterinary Medical Association, 2010, 236, 535-539.	0.2	85
57	Aged Beagle dogs have decreased neutrophil phagocytosis and neutrophil-related gene expression compared to younger dogs. Veterinary Immunology and Immunopathology, 2010, 137, 130-135.	0.5	23
58	Canine dietary protein influences glomerular filtration rate in adult dogs. FASEB Journal, 2008, 22, 444.1.	0.2	0
59	Antioxidants in Veterinary Nutrition. Veterinary Clinics of North America - Small Animal Practice, 2006, 36, 1183-1198.	0.5	7
60	Dietary antioxidants and behavioral enrichment enhance neutrophil phagocytosis in geriatric Beagles. Veterinary Immunology and Immunopathology, 2006, 113, 224-233.	0.5	13
61	The (n-3) Fatty Acid Dose, Independent of the (n-6) to (n-3) Fatty Acid Ratio, Affects the Plasma Fatty Acid Profile of Normal Dogs. Journal of Nutrition, 2006, 136, 2338-2344.	1.3	35
62	The PPET Study: People and Pets Exercising Together. Obesity, 2006, 14, 1762-1770.	1.5	99
63	Effects of sodium chloride on selected parameters in cats. Veterinary Therapeutics: Research in Applied Veterinary Medicine, 2006, 7, 333-46.	0.3	6
64	Effects of dietary n-6 and n-3 fatty acids and vitamin E on the immune response of healthy geriatric dogs. American Journal of Veterinary Research, 2003, 64, 762-772.	0.3	34
65	Influence of dietary long-chain n-3 fatty acids from Menhaden fish oil on plasma concentrations of -tocopherol in geriatric Beagles. American Journal of Veterinary Research, 2002, 63, 104-110.	0.3	7
66	Dietary Conjugated Linoleic Acid Reduces Rat Adipose Tissue Cell Size Rather than Cell Number. Journal of Nutrition, 2000, 130, 1548-1554.	1.3	221
67	COMPARISON OF GASTRIC EMPTYING TIMES IN HEALTHY CATS SIMULTANEOUSLY EVALUATED WITH RADIOPAQUE MARKERS AND NUCLEAR SCINTIGRAPHY. Veterinary Radiology and Ultrasound, 1999, 40, 89-95.	0.4	15
68	Conjugated Linoleic Acid Inhibits Differentiation of Pre- and Post- Confluent 3T3-L1 Preadipocytes But Inhibits Cell Proliferation Only in Preconfluent Cells. Journal of Nutrition, 1999, 129, 602-606.	1.3	148
69	The Ratio of Dietary (n-6) to (n-3) Fatty Acids Influences Immune System Function, Eicosanoid Metabolism, Lipid Peroxidation and Vitamin E Status in Aged Dogs. Journal of Nutrition, 1997, 127, 1198-1205.	1.3	131
70	Nutritional modification of inflammatory diseases. Topics in Companion Animal Medicine, 1997, 12, 212-222.	0.1	16