MÃ¡rcio A Brunetto

List of Publications by Year
in descending order

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Version: 2024-02-01

77 papers	858 citations	567281 15 h-index	552781 26 g-index
77 all docs	77 docs citations	77 times ranked	584 citing authors

#	Article	IF	Citations
1	Effects of six carbohydrate sources on dog diet digestibility and postâ€prandial glucose and insulin response*. Journal of Animal Physiology and Animal Nutrition, 2008, 92, 326-336.	2.2	138
2	Effects of nutritional support on hospital outcome in dogs and cats. Journal of Veterinary Emergency and Critical Care, 2010, 20, 224-231.	1.1	85
3	Fibre analysis and fibre digestibility in pet foods â€“ a comparison of total dietary fibre, neutral and acid detergent fibre and crude fibre*. Journal of Animal Physiology and Animal Nutrition, 2012, 96, 895-906.	2.2	53
4	Enzyme use in kibble diets formulated with wheat bran for dogs: effects on processing and digestibility. Journal of Animal Physiology and Animal Nutrition, 2013, 97, 51-59.	2.2	40
5	Nutritional inadequacies in commercial vegan foods for dogs and cats. PLoS ONE, 2020, 15, e0227046.	2.5	32
6	A weight loss protocol and owners participation in the treatment of canine obesity. Ciencia Rural, 2005, 35, 1331-1338.	0.5	30
7	The intravenous glucose tolerance and postprandial glucose tests may present different responses in the evaluation of obese dogs. British Journal of Nutrition, 2011, 106, S194-S197.	2.3	28
8	Concentrations of macronutrients, minerals and heavy metals in home-prepared diets for adult dogs and cats. Scientific Reports, 2019, 9, 13058.	3.3	25
9	Prevalence of canine obesity in the city of SÃ£o Paulo, Brazil. Scientific Reports, 2020, 10, 14082.	3.3	22
10	Old beagle dogs have lower faecal concentrations of some fermentation products and lower peripheral lymphocyte counts than young adult beagles. British Journal of Nutrition, 2011, 106, S187-S190.	2.3	20
11	Effects of weight loss on the cardiac parameters of obese dogs. Pesquisa Veterinaria Brasileira, 2010, 30, 167-171.	0.5	19
12	Effects of dietary yeast cell wall on faecal bacteria and fermentation products in adult cats. Journal of Animal Physiology and Animal Nutrition, 2018, 102, 1091-1101.	2.2	17
13	CorrespondÃªncia entre obesidade e hiperlipidemia em cÃ£es. Ciencia Rural, 2011, 41, 266-271.	0.5	16
14	Vitamin D metabolism in dogs and cats and its relation to diseases not associated with bone metabolism. Journal of Animal Physiology and Animal Nutrition, 2020, 104, 322-342.	2.2	16
15	Galactoligosaccharide and a prebiotic blend improve colonic health and immunity of adult dogs. PLoS ONE, 2020, 15, e0238006.	2.5	16
16	The Role of Vitamin D in Small Animal Bone Metabolism. Metabolites, 2020, 10, 496.	2.9	15
17	Neutering in dogs and cats: current scientific evidence and importance of adequate nutritional management. Nutrition Research Reviews, 2020, 33, 134-144.	4.1	14
18	Effect of dietary protein intake on the body composition and metabolic parameters of neutered dogs. Journal of Nutritional Science, 2017, 6, e40.	1.9	13

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19	Weight loss improves arterial blood gases and respiratory parameters in obese dogs. Journal of Animal Physiology and Animal Nutrition, 2018, 102, 1743-1748.	2.2	13
20	Evaluation of the owner's perception in the use of homemade diets for the nutritional management of dogs. Journal of Nutritional Science, 2014, 3, e23.	1.9	12
21	Factors associated with failure of dog's weight loss programmes. Veterinary Medicine and Science, 2020, 6, 299-305.	1.6	12
22	Brazilian owners perception of the body condition score of dogs and cats. BMC Veterinary Research, 2020, 16, 463.	1.9	12
23	Nutritional and laboratory parameters affect the survival of dogs with chronic kidney disease. PLoS ONE, 2020, 15, e0234712.	2.5	11
24	Active fractions of mannoproteins derived from yeast cell wall stimulate innate and acquired immunity of adult and elderly dogs. Animal Feed Science and Technology, 2020, 261, 114392.	2.2	11
25	Phosphorus and sodium contents in commercial wet foods for dogs and cats. Veterinary Medicine and Science, 2019, 5, 494-499.	1.6	9
26	AvaliaÃ§Ã£o da pressÃ£o arterial sistÃªmica em cÃ£es obesos: comparaÃ§Ã£o entre os mÃ©todos oscilomÃ©trico e doppler ultrassÃ´nico. Pesquisa Veterinaria Brasileira, 2014, 34, 87-91.	0.5	8
27	Effects of different protein sources on fermentation metabolites and nutrient digestibility of brachycephalic dogs. Journal of Nutritional Science, 2017, 6, e43.	1.9	8
28	Effects of pea with barley and less-processed maize on glycaemic control in diabetic dogs. British Journal of Nutrition, 2018, 120, 777-786.	2.3	8
29	Predictive equations of maintenance energy requirement for healthy and chronically ill adult dogs. Journal of Animal Physiology and Animal Nutrition, 2021, 105, 63-69.	2.2	8
30	Gene expression of the immunoinflammatory and immunological status of obese dogs before and after weight loss. PLoS ONE, 2020, 15, e0238638.	2.5	8
31	Duration of Prebiotic Intake Is a Key-Factor for Diet-Induced Modulation of Immunity and Fecal Fermentation Products in Dogs. Microorganisms, 2020, 8, 1916.	3.6	8
32	Toxic element levels in ingredients and commercial pet foods. Scientific Reports, 2021, 11, 21007.	3.3	8
33	Effects of Saccharomyces cerevisiae cell wall addition on feed digestibility, fecal fermentation and microbiota and immunological parameters in adult cats. BMC Veterinary Research, 2021, 17, 351.	1.9	8
34	Tutores de cÃ£es consideram a dieta caseira como adequada, mas alteram as fÃ³rmulas prescritas. Pesquisa Veterinaria Brasileira, 2017, 37, 1453-1459.	0.5	7
35	Evaluation of Electrolyte Concentration and Pro-Inflammatory and Oxidative Status in Dogs with Advanced Chronic Kidney Disease under Dietary Treatment. Toxins, 2020, 12, 3.	3.4	7
36	Vitamin D Metabolism and Its Role in Mineral and Bone Disorders in Chronic Kidney Disease in Humans, Dogs and Cats. Metabolites, 2020, 10, 499.	2.9	7

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37	Serum metabolomics analysis reveals that weight loss in obese dogs results in a similar metabolic profile to dogs in ideal body condition. Metabolomics, 2021, 17, 27.	3.0	7
38	Weight-loss in obese dogs promotes important shifts in fecal microbiota profile to the extent of resembling microbiota of lean dogs. Animal Microbiome, 2022, 4, 6.	3.8	7
39	Metabolic variables of obese dogs with insulin resistance supplemented with yeast beta-glucan. BMC Veterinary Research, 2022, 18, 14.	1.9	7
40	Homemade versus extruded and wet commercial diets for dogs: Cost comparison. PLoS ONE, 2020, 15, e0236672.	2.5	6
41	Evaluation of the nutrients supplied by veterinary diets commercialized in Brazil for obese dogs undergoing a weight loss program. Journal of Animal Physiology and Animal Nutrition, 2022, , .	2.2	6
42	Saccharomyces cerevisiae Dehydrated Culture Modulates Fecal Microbiota and Improves Innate Immunity of Adult Dogs. Fermentation, 2022, 8, 2.	3.0	5
43	Comparison of the digestive efficiency of extruded diets fed to ferrets (Mustela putorius furo), dogs (Canis familiaris) and cats (Felis catus). Journal of Nutritional Science, 2014, 3, e32.	1.9	4
44	Nutritional composition and evaluation of different methodologies for fat determination in wet feed for dogs and cats. Brazilian Journal of Veterinary Research and Animal Science, 2017, 54, 398-406.	0.2	4
45	Starch sources influence lipidaemia of diabetic dogs. BMC Veterinary Research, 2020, 16, 2.	1.9	4
46	Markers of inflammation and insulin resistance in dogs before and after weight loss versus lean healthy dogs. Pesquisa Veterinaria Brasileira, 2020, 40, 300-305.	0.5	4
47	Supplementation of omega-3 and dietary factors can influence the cholesterolemia and triglyceridemia in hyperlipidemic Schnauzer dogs: A preliminary report. PLoS ONE, 2021, 16, e0258058.	2.5	4
48	Abnormal carbohydrate metabolism in a canine model for muscular dystrophy. Journal of Nutritional Science, 2017, 6, e57.	1.9	3
49	Nutritional factors related to glucose and lipid modulation in diabetic dogs: literature review. Brazilian Journal of Veterinary Research and Animal Science, 2017, 54, 330-341.	0.2	3
50	Different sources of sulfur in diets of adult cats on the urinary parameters and acid-base balance. Ciencia Rural, 2018, 48, .	0.5	3
51	Effects of Passive Immunization by Anti-Gingipain IgY on the Oral Health of Cats Fed Kibble Diets. Journal of Veterinary Dentistry, 2018, 35, 275-280.	0.3	3
52	Comparative study of anaesthesia induction in obese dogs using propofol dosages based on lean body weight or total body weight. Veterinary and Animal Science, 2020, 10, 100131.	1.5	3
53	Influence of type of starch and feeding management on glycaemic control in diabetic dogs. Journal of Animal Physiology and Animal Nutrition, 2021, 105, 1192-1202.	2.2	3
54	What do Brazilian owners know about canine obesity and what risks does this knowledge generate?. PLoS ONE, 2020, 15, e0238771.	2.5	3

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55	Influence of number of ingredients, use of supplement and vegetarian or vegan preparation on the composition of homemade diets for dogs and cats. BMC Veterinary Research, 2021, 17, 358.	1.9	3
56	Healthy and Chronic Kidney Disease (CKD) Dogs Have Differences in Serum Metabolomics and Renal Diet May Have Slowed Disease Progression. Metabolites, 2021, 11, 782.	2.9	3
57	Evaluation of Serum and Urine Amino Acids in Dogs with Chronic Kidney Disease and Healthy Dogs Fed a Renal Diet. Metabolites, 2021, 11, 844.	2.9	3
58	Vitamin-mineral supplements do not guarantee the minimum recommendations and may imply risks of mercury poisoning in dogs and cats. PLoS ONE, 2021, 16, e0250738.	2.5	2
59	Dietary protein sources and their effects on faecal odour and the composition of volatile organic compounds in faeces of French Bulldogs. Journal of Animal Physiology and Animal Nutrition, 2021, 105, 65-75.	2.2	2
60	Protective effects of omega-3 fatty acids in dogs with myxomatous mitral valve disease stages B2 and C. PLoS ONE, 2021, 16, e0254887.	2.5	1
61	Profile qualitative variables on the dynamics of weight loss programs in dogs. PLoS ONE, 2022, 17, e0261946.	2.5	1
62	221 Effects of dietary yeast culture product supplementation on fecal microbial communities of adult healthy dogs. Journal of Animal Science, 2017, 95, 109-109.	0.5	0
63	Effects of a diet enriched with eicosapentaenoic, docosahexaenoic and glutamine on cytokines as immunological markers for systemic inflammation in bitches before and after ovariohysterectomy. Journal of Animal Physiology and Animal Nutrition, 2021, 105, 79-88.	2.2	0
64	ComparaÃ§Ã£o de metodologias para determinaÃ§Ã£o de gordura e avaliaÃ§Ã£o do conteÃºdo de cÃ¡lcio e fÃ³sforo em petiscos para cÃ£es. Brazilian Journal of Veterinary Research and Animal Science, 2020, 57, e159691.	0.2	0
65	Clinical and Nutritional Follow-up of Cats with Chronic Kidney Disease Fed with a Renal Prescription Diet. Acta Scientiae Veterinariae, 0, 49, .	0.2	0
66	Nutritional inadequacies in commercial vegan foods for dogs and cats. , 2020, 15, e0227046.		0
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73	What do Brazilian owners know about canine obesity and what risks does this knowledge generate?. , 2020, 15, e0238771.		0
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