Wouter H Hendriks

List of Publications by Year
in descending order

47	936	623188	500791
papers	citations	14 h-index	28 g-index

47	47	47	1240
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Protein quality of insects as potential ingredients for dog and cat foods. Journal of Nutritional Science, 2014, 3, e29.	0.7	171
2	Effects of extrusion processing on nutrients in dry pet food. Journal of the Science of Food and Agriculture, 2008, 88, 1487-1493.	1.7	85
3	Dietary nutrient profiles of wild wolves: insights for optimal dog nutrition?. British Journal of Nutrition, 2015, 113, S40-S54.	1.2	65
4	Fungal treatment of lignocellulosic biomass: Importance of fungal species, colonization and time on chemical composition and in vitro rumen degradability. Animal Feed Science and Technology, 2015, 209, 40-50.	1.1	56
5	Ileal and faecal protein digestibility measurement in humans and other non-ruminants â€“ a comparative species view. British Journal of Nutrition, 2012, 108, S247-S257.	1.2	53
6	Physical and chemical changes of rapeseed meal proteins during toasting and their effects on in vitro digestibility. Journal of Animal Science and Biotechnology, 2016, 7, 62.	2.1	43
7	Immunomodulation by Processed Animal Feed: The Role of Maillard Reaction Products and Advanced Glycation End-Products (AGEs). Frontiers in Immunology, 2018, 9, 2088.	2.2	37
8	Mechanistic insight in the selective delignification of wheat straw by three white-rot fungal species through quantitative 13C-IS py-GCâ€“MS and whole cell wall HSQC NMR. Biotechnology for Biofuels, 2018, 11, 262.	6.2	33
9	Impact of Fermentable Protein, by Feeding High Protein Diets, on Microbial Composition, Microbial Catabolic Activity, Gut Health and beyond in Pigs. Microorganisms, 2020, 8, 1735.	1.6	32
10	Selective ligninolysis of wheat straw and wood chips by the white-rot fungus Lentinula edodes and its influence on in vitro rumen degradability. Journal of Animal Science and Biotechnology, 2016, 7, 55.	2.1	28
11	Improving ruminal digestibility of various wheat straw types by whiteâ€rot fungi. Journal of the Science of Food and Agriculture, 2019, 99, 957-965.	1.7	21
12	<scp>Laminaria digitata</scp> phlorotannins decrease protein degradation and methanogenesis during in vitro ruminal fermentation. Journal of the Science of Food and Agriculture, 2018, 98, 3644-3650.	1.7	18
13	Determination of True Ileal Amino Acid Digestibility in the Growing Pig for Calculation of Digestible Indispensable Amino Acid Score (DIAAS). Journal of Nutrition, 2020, 150, 2621-2623.	1.3	18
14	Reactive lysine content in commercially available pet foods. Journal of Nutritional Science, 2014, 3, e35.	0.7	15
15	In vitro selenium accessibility in pet foods is affected by diet composition and type. British Journal of Nutrition, 2015, 113, 1888-1894.	1.2	15
16	The effect of particle size and amount of inoculum on fungal treatment of wheat straw and wood chips. Journal of Animal Science and Biotechnology, 2016, 7, 39.	2.1	15
17	Lignin composition is more important than content for maize stem cell wall degradation. Journal of the Science of Food and Agriculture, 2018, 98, 384-390.	1.7	15
18	Effects of different dietary protein levels during rearing and different dietary energy levels during lay on behaviour and feather cover in broiler breeder females. Applied Animal Behaviour Science, 2015, 168, 45-55.	0.8	14

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19	Preservation of Ceriporiopsis subvermispora and Lentinula edodes treated wheat straw under anaerobic conditions. Journal of the Science of Food and Agriculture, 2018, 98, 1232-1239.	1.7	11
20	Urinary excretion of advanced glycation end products in dogs and cats. Journal of Animal Physiology and Animal Nutrition, 2021, 105, 149-156.	1.0	11
21	Comparison of True Ileal Amino Acid Digestibility between Adult Humans and Growing Pigs. Journal of Nutrition, 2022, 152, 1635-1646.	1.3	11
22	Synergy between bio-based industry andÂtheÂfeed industry through biorefinery. Journal of the Science of Food and Agriculture, 2016, 96, 2603-2612.	1.7	10
23	Dietary vitamin E dosage and source affects meat quality parameters in light weight lambs. Journal of the Science of Food and Agriculture, 2018, 98, 1606-1614.	1.7	10
24	Stability of creatine monohydrate and guanidinoacetic acid during manufacture (retorting and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54 1242-1250.	1.0	10
25	Supplementation of lamb diets with vitamin E and rosemary extracts on meat quality parameters. Journal of the Science of Food and Agriculture, 2020, 100, 2922-2931.	1.7	10
26	Urinary felinine excretion in intact male cats is increased by dietary cystine. British Journal of Nutrition, 2008, 100, 801-809.	1.2	9
27	Dietary supplementation of 11 different plant extracts on the antioxidant capacity of blood and selected tissues in lightweight lambs. Journal of the Science of Food and Agriculture, 2019, 99, 4296-4303.	1.7	9
28	Relationships between chemical composition and in vitro gas production parameters of maize leaves and stems. Journal of Animal Physiology and Animal Nutrition, 2020, 104, 12-21.	1.0	9
29	Sainfoin (Onobrychis viciifolia) silage in dairy cow rations reduces ruminal biohydrogenation and increases transfer efficiencies of unsaturated fatty acids from feed to milk. Animal Nutrition, 2020, 6, 333-341.	2.1	9
30	Gaining insights in the nutritional metabolism of amphibians: analyzing body nutrient profiles of the African clawed frog,Xenopus laevis. PeerJ, 2019, 7, e7365.	0.9	9
31	Retorting conditions affect palatability and physical characteristics of canned cat food. Journal of Nutritional Science, 2017, 6, e23.	0.7	8
32	Apparent ileal digestibility of Maillard reaction products in growing pigs. PLoS ONE, 2018, 13, e0199499.	1.1	8
33	Evaluation of fungal degradation of wheat straw cell wall using different analytical methods from ruminant nutrition perspective. Journal of the Science of Food and Agriculture, 2019, 99, 4054-4062.	1.7	8
34	Resolubilization of Protein from Water-Insoluble Phlorotanninâ€“Protein Complexes upon Acidification. Journal of Agricultural and Food Chemistry, 2017, 65, 9595-9602.	2.4	7
35	Altered Gut Microbial Fermentation and Colonization with Methanobrevibacter smithii in Renal Transplant Recipients. Journal of Clinical Medicine, 2020, 9, 518.	1.0	7
36	Corn stover usage and farm profit for sustainable dairy farming in China. Animal Bioscience, 2021, 34, 36-47.	0.8	7

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37	Are carnivore digestive separation mechanisms revealed on structure-rich diets?: Faecal inconsistency in dogs (Canis familiaris) fed day old chicks. PLoS ONE, 2018, 13, e0192741.	1.1	7
38	Exposure to a novel feedstuff by goat dams during pregnancy and lactation versus pregnancy alone does not further improve postâ€weaning acceptance of this feedstuff by their kids. Journal of the Science of Food and Agriculture, 2016, 96, 2215-2219.	1.7	6
39	Evaluation of an in vitro fibre fermentation method using feline faecal inocula: inter-individual variation. Journal of Nutritional Science, 2017, 6, e24.	0.7	5
40	Efficacy of l-glutamic acid, N,N-diacetic acid to improve the dietary trace mineral bioavailability in broilers. Journal of Animal Science, 2020, 98, .	0.2	5
41	Practical approach to determine apparent digestibility of canine diets. Journal of Nutritional Science, 2014, 3, e31.	0.7	4
42	Physical exercise prepartum to support metabolic adaptation in the transition period of dairy cattle: A proof of concept. Journal of Animal Physiology and Animal Nutrition, 2020, 104, 790-801.	1.0	4
43	O-Methylisourea Can React with the Î±-Amino Group of Lysine: Implications for the Analysis of Reactive Lysine. Journal of Agricultural and Food Chemistry, 2017, 65, 964-972.	2.4	3
44	In vitro methane and gas production with inocula from cows and goats fed an identical diet. Journal of the Science of Food and Agriculture, 2018, 98, 1332-1338.	1.7	3
45	Evaluation of an in vitro fibre fermentation method using feline faecal inocula: repeatability and reproducibility. Journal of Nutritional Science, 2017, 6, e25.	0.7	2
46	Response of saliva Na/K ratio to changing Na supply of lactating cows under tropical conditions. Journal of the Science of Food and Agriculture, 2017, 97, 2480-2486.	1.7	0
47	Isolipidic replacement of krabok oil by whole krabok seed reduces in vitro methanogenesis, but negatively affects fermentation. Journal of Animal Physiology and Animal Nutrition, 2020, 104, 453-461.	1.0	0