

Ellen Kienzle

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2996477/publications.pdf>

Version: 2024-02-01

126
papers

2,707
citations

159358

30
h-index

253896

43
g-index

148
all docs

148
docs citations

148
times ranked

2091
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative chewing efficiency in mammalian herbivores. <i>Oikos</i> , 2009, 118, 1623-1632.	1.2	135
2	A Comparison of the Feeding Behavior and the Human-Animal Relationship in Owners of Normal and Obese Dogs. <i>Journal of Nutrition</i> , 1998, 128, S2779-S2782.	1.3	103
3	Human-Animal Relationship of Owners of Normal and Overweight Cats. <i>Journal of Nutrition</i> , 2006, 136, 1947S-1950S.	1.3	80
4	Induction of ketosis in rats fed low-carbohydrate, high-fat diets depends on the relative abundance of dietary fat and protein. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 300, E65-E76.	1.8	76
5	Short-term exposure to low-carbohydrate, high-fat diets induces low bone mineral density and reduces bone formation in rats. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 275-284.	3.1	73
6	Studies on feed digestibilities in captive Asian elephants (<i>Elephas maximus</i>). <i>Journal of Animal Physiology and Animal Nutrition</i> , 2003, 87, 160-173.	1.0	67
7	Fibre analysis and fibre digestibility in pet foods – a comparison of total dietary fibre, neutral and acid detergent fibre and crude fibre*. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2012, 96, 895-906.	1.0	53
8	Carnivorous mammals: nutrient digestibility and energy evaluation. <i>Zoo Biology</i> , 2010, 29, 687-704.	0.5	52
9	Differences in fecal particle size between free-ranging and captive individuals of two browser species. <i>Zoo Biology</i> , 2008, 27, 70-77.	0.5	50
10	Intake of minerals, trace elements and vitamins in bone and raw food rations in adult dogs. <i>British Journal of Nutrition</i> , 2011, 106, S53-S56.	1.2	49
11	Maintenance Energy Requirement of Dogs: What is the Correct Value for the Calculation of Metabolic Body Weight in Dogs?. <i>Journal of Nutrition</i> , 1991, 121, S39-S40.	1.3	46
12	Carbohydrate metabolism of the cat 2. Digestion of starch. <i>Journal of Animal Physiology and Animal Nutrition</i> , 1993, 69, 102-114.	1.0	44
13	Activity of amylase in the gastrointestinal tract of the horse ¹ . <i>Journal of Animal Physiology and Animal Nutrition</i> , 1994, 72, 234-241.	1.0	42
14	Metabolic syndrome and extensive adipose tissue inflammation in morbidly obese Göttingen minipigs. <i>Molecular Metabolism</i> , 2018, 16, 180-190.	3.0	41
15	Influence of Food Composition on the Urine pH in Cats. <i>Journal of Nutrition</i> , 1991, 121, S87-S88.	1.3	39
16	Recent German Developments in the Formulation of Energy and Nutrient Requirements in Horses and the Resulting Feeding Recommendations. <i>Journal of Equine Veterinary Science</i> , 2011, 31, 219-229.	0.4	39
17	The effect of very low food intake on digestive physiology and forage digestibility in horses. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2014, 98, 107-118.	1.0	39
18	Allometry of visceral organs in living amniotes and its implications for sauropod dinosaurs. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 1731-1736.	1.2	38

#	ARTICLE	IF	CITATIONS
19	The development of a metabolizable energy system for horses. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2010, 94, e231-e240.	1.0	37
20	A pilot study of the body weight of pure-bred client-owned adult cats. <i>British Journal of Nutrition</i> , 2011, 106, S113-S115.	1.2	37
21	Studies on digestive physiology and feed digestibilities in captive Indian rhinoceros (<i>Rhinoceros</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 382 T	1.0	36
22	Demonstration of uniformity of calcium absorption in adult dogs and cats. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2015, 99, 801-809.	1.0	35
23	Blood Sugar Levels and Renal Sugar Excretion After the Intake of High Carbohydrate Diets in Cats. <i>Journal of Nutrition</i> , 1994, 124, 2563S-2567S.	1.3	34
24	A Method to Estimate Digestible Energy in Horse Feed. <i>Journal of Nutrition</i> , 2002, 132, 1771S-1773S.	1.3	34
25	Gizzard vs. teeth, it's a tie: food-processing efficiency in herbivorous birds and mammals and implications for dinosaur feeding strategies. <i>Paleobiology</i> , 2011, 37, 577-586.	1.3	34
26	Effects of low-carbohydrate, high-fat diets on apparent digestibility of minerals and trace elements in rats. <i>Nutrition</i> , 2014, 30, 869-875.	1.1	34
27	Effect of a high phosphorus diet on indicators of renal health in cats. <i>Journal of Feline Medicine and Surgery</i> , 2018, 20, 339-343.	0.6	34
28	Energy and mineral nutrition and water intake in the captive Indian rhinoceros (<i>Rhinoceros</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 T	0.5	33
29	Mineral absorption in the black rhinoceros (<i>Diceros bicornis</i>) as compared with the domestic horse. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2007, 91, 193-204.	1.0	33
30	Zinc, Copper and Selenium Intake and Status of Horses in Bavaria. <i>Journal of Nutrition</i> , 2002, 132, 1776S-1777S.	1.3	31
31	Effect of Carbohydrates on Digestion in the Cat. <i>Journal of Nutrition</i> , 1994, 124, 2568S-2571S.	1.3	30
32	Effect of cellulose on the digestibility of high starch versus high fat diets in dogs. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2001, 85, 174-185.	1.0	30
33	A Placebo-Controlled Double-Blind Study on the Effect of Nutraceuticals (Chondroitin Sulfate and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 382 T	1.3	29
34	Influence of cellulose fibre length on faecal quality, mineral excretion and nutrient digestibility in cat. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2010, 94, 362-367.	1.0	29
35	Retention of fluid and particles in captive tapirs (<i>Tapirus</i> sp.). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2010, 157, 95-101.	0.8	29
36	Struvite Diet in Cats: Effect of Ammonium Chloride and Carbonates on Acid Base Balance of Cats. <i>Journal of Nutrition</i> , 1994, 124, 2652S-2659S.	1.3	26

#	ARTICLE	IF	CITATIONS
37	Digestion coefficients achieved by the black rhinoceros (<i>Diceros bicornis</i>), a large browsing hindgut fermenter. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2006, 90, 325-334.	1.0	26
38	Influence of Different Cellulose Types on Feces Quality of Dogs. <i>Journal of Nutrition</i> , 2002, 132, 1728S-1729S.	1.3	25
39	Low-carbohydrate high-fat diets in combination with daily exercise in rats: Effects on body weight regulation, body composition and exercise capacity. <i>Physiology and Behavior</i> , 2012, 106, 185-192.	1.0	24
40	The development of an improved method of predicting the energy content in prepared dog and cat food. <i>Journal of Animal Physiology and Animal Nutrition</i> , 1998, 79, 69-79.	1.0	23
41	Cats Absorb β -Carotene, but It Is Not Converted to Vitamin A. <i>Journal of Nutrition</i> , 2002, 132, 1610S-1612S.	1.3	23
42	Calculation of gross energy in pet foods: new data on heat combustion and fibre analysis in a selection of foods for dogs and cats. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2001, 85, 148-157.	1.0	22
43	Digestive physiology of the plains viscacha (<i>Lagostomus maximus</i>): A large herbivorous hystricomorph rodent. <i>Zoo Biology</i> , 2015, 34, 345-359.	0.5	22
44	A comparative meta-analysis on the relationship of faecal calcium and phosphorus excretion in mammals. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, 370-379.	1.0	20
45	Fiber affects digestibility of organic matter and energy in pet foods. <i>Journal of Nutrition</i> , 1998, 128, 2798S-2800S.	1.3	20
46	Malnutrition and overnutrition in puppies with or without clinical disorders of skeletal development. <i>Journal of Animal Physiology and Animal Nutrition</i> , 1998, 80, 76-81.	1.0	19
47	Observation about phosphorus and protein supply in cats and dogs prior to the diagnosis of chronic kidney disease. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, 31-36.	1.0	19
48	Estimation of Iodine Status in Cats. <i>Journal of Nutrition</i> , 2002, 132, 1751S-1753S.	1.3	18
49	Interaction between Dietary Cellulose Content and Food Intake in Cats. <i>Journal of Nutrition</i> , 2006, 136, 1988S-1990S.	1.3	18
50	Calcium-excess causes subclinical changes of bone growth in Beagles but not in Foxhound-crossbred dogs, as measured in X-rays. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2006, 90, 394-401.	1.0	18
51	The influence of dietary tannin supplementation on digestive performance in captive black rhinoceros (<i>Diceros bicornis</i>). <i>Journal of Animal Physiology and Animal Nutrition</i> , 2007, 91, 449-458.	1.0	18
52	Metabolizable energy intake of client-owned adult cats. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2015, 99, 1025-1030.	1.0	18
53	The influence of dietary fibre components on the apparent digestibility of organic matter and energy in prepared dog and cat foods. <i>Journal of Animal Physiology and Animal Nutrition</i> , 1998, 79, 46-56.	1.0	17
54	Retrospective Study on the Energy Requirements of Adult Colony Cats. <i>Journal of Nutrition</i> , 2006, 136, 1973S-1975S.	1.3	17

#	ARTICLE	IF	CITATIONS
55	Chemical Composition of Turtles and Tortoises. <i>Journal of Nutrition</i> , 2006, 136, 2053S-2054S.	1.3	17
56	Investigations of the potential risk factors associated with cases of bovine spongiform encephalopathy in Bavaria, Germany. <i>Veterinary Record</i> , 2006, 158, 509-513.	0.2	17
57	Energy requirements of puppies of two different breeds for ideal growth from weaning to 28 weeks of age. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2013, 97, 190-196.	1.0	17
58	Investigations on Palatability, Digestibility and Tolerance of Low Digestible Food Components in Cats. <i>Journal of Nutrition</i> , 1991, 121, S56-S57.	1.3	16
59	Body Composition of Puppies and Young Dogs. <i>Journal of Nutrition</i> , 1998, 128, S2680-S2683.	1.3	16
60	An Improved Method for the Estimation of Energy in Pet Foods. <i>Journal of Nutrition</i> , 1998, 128, S2806-S2808.	1.3	16
61	Further Developments in the Prediction of Metabolizable Energy (ME) in Pet Food. <i>Journal of Nutrition</i> , 2002, 132, 1796S-1798S.	1.3	16
62	Investigations on Phosphorus Requirements of Adult Cats. <i>Journal of Nutrition</i> , 1998, 128, S2598-S2600.	1.3	15
63	Importance of the wasting syndrome complex in captive moose (<i>Alces alces</i>). <i>Zoo Biology</i> , 2002, 21, 499-506.	0.5	15
64	Metabolizable energy intake of client-owned adult dogs. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2016, 100, 813-819.	1.0	15
65	Effects of low phosphorus supply on the availability of calcium and phosphorus, and musculoskeletal development of growing dogs of two different breeds. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, 789-798.	1.0	15
66	Renal phosphorus excretion in adult healthy cats after the intake of high phosphorus diets with either calcium monophosphate or sodium monophosphate. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, 1759-1765.	1.0	15
67	Investigations on Milk Composition and Milk Yield in Queens. <i>Journal of Nutrition</i> , 1998, 128, 2618S-2619S.	1.3	14
68	Predicting metabolisable energy in commercial rat diets: physiological fuel values may be misleading. <i>British Journal of Nutrition</i> , 2010, 103, 1525-1533.	1.2	14
69	Use of deferiprone for the treatment of hepatic iron storage disease in three hornbills. <i>Journal of the American Veterinary Medical Association</i> , 2012, 240, 75-81.	0.2	14
70	Field Study on Risk Factors for Free Fecal Water in Pleasure Horses. <i>Journal of Equine Veterinary Science</i> , 2016, 44, 32-36.	0.4	14
71	A pilot study on in vitro solubility of phosphorus from mineral sources, feed ingredients and compound feed for pigs, poultry, dogs and cats. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2019, 103, 317-323.	1.0	14
72	Interactions between the Apparent Energy and Nutrient Digestibilities of a Concentrate Mixture and Roughages in Horses. <i>Journal of Nutrition</i> , 2002, 132, 1778S-1780S.	1.3	13

#	ARTICLE	IF	CITATIONS
73	Effect of dental correction on voluntary hay intake, apparent digestibility of feed and faecal particle size in horse. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2013, 97, 72-79.	1.0	13
74	Prediction of Energy Digestibility in Complete Dry Foods for Dogs and Cats by Total Dietary Fiber. <i>Journal of Nutrition</i> , 2006, 136, 2041S-2044S.	1.3	12
75	Birth weight and postnatal growth of pure-bred kittens. <i>British Journal of Nutrition</i> , 2011, 106, S32-S34.	1.2	12
76	Interactions of Cellulose Content and Diet Composition with Food Intake and Digestibility in Dogs. <i>Journal of Nutrition</i> , 1998, 128, S2674-S2675.	1.3	11
77	Iodine Balance in Relation to Iodine Intake in Ponies. <i>Journal of Nutrition</i> , 2002, 132, 1767S-1768S.	1.3	11
78	Effect of Fecal Water and Dry Matter Excretion on Fecal Mineral Excretion in Dogs Studied in a Fiber Model. <i>Journal of Nutrition</i> , 2006, 136, 2001S-2003S.	1.3	11
79	Effects of low carbohydrate diets on energy and nitrogen balance and body composition in rats depend on dietary protein-to-energy ratio. <i>Nutrition</i> , 2014, 30, 863-868.	1.1	11
80	Calculation of Gross Energy in Pet Foods: Do We Have the Right Values for Heat of Combustion?. <i>Journal of Nutrition</i> , 2002, 132, 1799S-1800S.	1.3	10
81	Nutritional Lens Opacities in Two Litters of Newfoundland Dogs. <i>Journal of Nutrition</i> , 2002, 132, 1688S-1689S.	1.3	10
82	Double-Blind Placebo-Controlled Vitamin E or Selenium Supplementation of Sport Horses with Unspecified Muscle Problems. An Example of the Potential of Placebos. <i>Journal of Nutrition</i> , 2006, 136, 2045S-2047S.	1.3	10
83	Antioxidant Status of Faeces of Captive Black Rhinoceros (<i>Diceros bicornis</i>) in Relation to Dietary Tannin Supplementation. <i>Transboundary and Emerging Diseases</i> , 2006, 53, 319-322.	0.6	10
84	Mineral content of hay harvested in Bavarian and Swiss horse farms. Predictive value of cutting time, number of cut, botanical composition, origin and fertilization. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2008, 92, 712-717.	1.0	10
85	Mineral absorption in tapirs (<i>Tapirus</i> spp.) as compared to the domestic horse. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2009, 93, 768-776.	1.0	10
86	Fresh and preserved green fodder modify effects of urinary acidifiers on urine pH of horses. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2014, 98, 239-245.	1.0	10
87	ORIGINAL ARTICLE: High calcium intake differentially inhibits nutrient and energy digestibility in two different breeds of growing dogs. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2010, 94, e109-e114.	1.0	9
88	Effects of Different Oral Doses of Sodium Chloride on the Basal Acid-Base and Mineral Status of Exercising Horses Fed Low Amounts of Hay. <i>PLoS ONE</i> , 2017, 12, e0168325.	1.1	9
89	Comparison of Various Methods of Fiber Analysis in Pet Foods. <i>Journal of Nutrition</i> , 1998, 128, S2795-S2797.	1.3	8
90	Serum Response after Oral Supplementation of Different Zinc Compounds in Horses. <i>Journal of Nutrition</i> , 2002, 132, 1769S-1770S.	1.3	8

#	ARTICLE	IF	CITATIONS
91	Carry over (transfer) of feed-borne acrylamide into eggs, muscle, serum, and faeces - a pilot study with Japanese quails (<i>Coturnix coturnix japonica</i>). <i>Journal of Animal Physiology and Animal Nutrition</i> , 2005, 89, 79-83.	1.0	8
92	A High Roughage/Concentrate Ratio Decreases the Effect of Ammonium Chloride on Acid-Base Balance in Horses. <i>Journal of Nutrition</i> , 2006, 136, 2048S-2049S.	1.3	8
93	Faecal calcium excretion does not decrease during long-term feeding of a low-calcium diet in adult dogs. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, e798-e805.	1.0	8
94	Breed predisposition for BSE: Epidemiological evidence in Bavarian cattle. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2006, 148, 245-250.	0.2	8
95	Microscopy of starch digestion in the horse. <i>Journal of Animal Physiology and Animal Nutrition</i> , 1998, 80, 213-216.	1.0	7
96	Serum β -carotene and α -tocopherol in horses fed β -carotene via grass-meal or a synthetic beadlet preparation with and without added dietary fat. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2003, 87, 174-180.	1.0	7
97	Effect of mitratapide on body composition, body measurements and glucose tolerance in obese Beagles. <i>Veterinary Research Communications</i> , 2009, 33, 839-847.	0.6	7
98	Factorial Calculation of Nutrient Requirements in Lactating Queens. <i>Journal of Nutrition</i> , 1998, 128, S2609-S2614.	1.3	6
99	Effect of Diet on Plasma Triglycerides, Cholesterol, β -Hydroxybutyrate and Free Fatty Acids in Cats. <i>Journal of Nutrition</i> , 1998, 128, S2648-S2650.	1.3	6
100	Impact of faecal DM excretion on faecal calcium losses in dogs eating complete moist and dry pet foods – food digestibility is a major determinant of calcium requirements. <i>Journal of Nutritional Science</i> , 2017, 6, e13.	0.7	6
101	Body Composition of Cats as a Basis for Factorial Calculation of Energy and Nutrient Requirements for Growth. <i>Journal of Nutrition</i> , 1991, 121, S122-S123.	1.3	5
102	No effect of moderate or high concentrate allowance on growth parameters in weanling blood foals fed late-cut haylage as forage. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2014, 98, 886-893.	1.0	5
103	Renal energy excretion of horses depends on renal hippuric acid and nitrogen excretion. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, e380-e386.	1.0	5
104	Canine symmetrical lupoid onychomadesis in bearded collies. <i>Veterinary Dermatology</i> , 2019, 30, 411.	0.4	5
105	Processing Matters in Nutrient-Matched Laboratory Diets for Mice – Microbiome. <i>Animals</i> , 2021, 11, 862.	1.0	5
106	Phosphorous requirements of adult cats. <i>Journal of Animal Physiology and Animal Nutrition</i> , 1998, 80, 90-100.	1.0	4
107	Macromineral Absorption in the Black Rhinoceros (<i>Diceros bicornis</i>) Compared with the Domestic Horse. <i>Journal of Nutrition</i> , 2006, 136, 2017S-2020S.	1.3	4
108	Quantification of enterobacteriaceae in faeces of captive black rhinoceros (<i>Diceros bicornis</i>) in relation to dietary tannin supplementation. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2007, 92, 070619032309009-???	1.0	4

#	ARTICLE	IF	CITATIONS
109	Effect of cationâ€“anion balance in feed on urine <sc>pH</sc> in rabbits in comparison with other species. Journal of Animal Physiology and Animal Nutrition, 2017, 101, 1324-1330.	1.0	4
110	Remarkable frequency of a history of liver disease in dogs fed homemade diets with buckwheat. Tierarztliche Praxis Ausgabe K: Kleintiere - Heimtiere, 2019, 47, 242-246.	0.3	4
111	The effect of crude protein content of the diet on renal energy losses in horses. Journal of Animal Physiology and Animal Nutrition, 2020, 104, 1494-1500.	1.0	4
112	Serum Response of Ponies to Î²-Carotene Fed by Grass Meal or a Synthetic Beadlet Preparation with and without Added Dietary Fat. Journal of Nutrition, 2002, 132, 1774S-1775S.	1.3	3
113	Scoring of sweat losses in exercised horses â€“ a pilot study. Journal of Animal Physiology and Animal Nutrition, 2014, 98, 246-250.	1.0	3
114	Factorial calculation of calcium and phosphorus requirements of growing dogs. PLoS ONE, 2019, 14, e0220305.	1.1	3
115	The Source Mattersâ€“Effects of High Phosphate Intake from Eight Different Sources in Dogs. Animals, 2021, 11, 3456.	1.0	3
116	Investigations on the composition of horse bones. Journal of Equine Veterinary Science, 1990, 10, 208-214.	0.4	2
117	Historical copper and manganese levels in cattle feeds in Bavaria, Germany. Journal of Nutritional and Environmental Medicine, 2007, 16, 69-74.	0.1	2
118	Effect of ammoniumâ€“ironâ€“hexaâ€“cyanoferrate and of the covariates age, gender, weight, season and calendar time on radiocaesium contamination of wild boars living in the wild in Bavaria. Journal of Animal Physiology and Animal Nutrition, 2013, 97, 495-501.	1.0	2
119	Accidental finding of <sc>H</sc>ashimotoâ€“like thyroiditis in male B.U.T. 6 turkeys at slaughter. Journal of Animal Physiology and Animal Nutrition, 2014, 98, 875-878.	1.0	2
120	Metabolisable energy intake and growth of privately owned growing dogs in comparison with official recommendations on the growth curve and energy supply. Journal of Animal Physiology and Animal Nutrition, 2019, 103, 1952-1958.	1.0	2
121	Influence of Strain and Diet on Urinary pH in Laboratory Mice. Animals, 2021, 11, 702.	1.0	2
122	Morphology of Starch Particles along the Passage through the Gastrointestinal Tract in Laboratory Mice Fed Extruded and Pelleted Diets. Animals, 2022, 12, 952.	1.0	2
123	Assessment of nutritional status from analysis of blood and other tissue samples. , 2013, , 425-442.		1
124	A pilot study on dietary and faecal calcium/phosphorus ratios in different types of captive ruminating herbivores. Veterinary Medicine and Science, 2022, 8, 349-356.	0.6	1
125	Investigations on dietary treatment of struvite urolithiasis: 3. Effect of an acidifying diet on acid-base- and mineral-balance of cats after acute urethral obstruction. DTW Deutsche TierÄrztliche Wochenschrift, 1993, 100, 473-6.	0.2	0
126	Chemical composition of snakes. PLoS ONE, 2022, 17, e0266850.	1.1	0