

# Ellen Kienzle

## List of Publications by Year in descending order

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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	A pilot study on dietary and faecal calcium/phosphorus ratios in different types of captive ruminating herbivores. <i>Veterinary Medicine and Science</i> , 2022, 8, 349-356.	0.6	1
2	Morphology of Starch Particles along the Passage through the Gastrointestinal Tract in Laboratory Mice Fed Extruded and Pelleted Diets. <i>Animals</i> , 2022, 12, 952.	1.0	2
3	Chemical composition of snakes. <i>PLoS ONE</i> , 2022, 17, e0266850.	1.1	0
4	Processing Matters in Nutrient-Matched Laboratory Diets for Mice's Microbiome. <i>Animals</i> , 2021, 11, 862.	1.0	5
5	Influence of Strain and Diet on Urinary pH in Laboratory Mice. <i>Animals</i> , 2021, 11, 702.	1.0	2
6	The Source Matters—Effects of High Phosphate Intake from Eight Different Sources in Dogs. <i>Animals</i> , 2021, 11, 3456.	1.0	3
7	The effect of crude protein content of the diet on renal energy losses in horses. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2020, 104, 1494-1500.	1.0	4
8	Factorial calculation of calcium and phosphorus requirements of growing dogs. <i>PLoS ONE</i> , 2019, 14, e0220305.	1.1	3
9	Canine symmetrical lupoid onychomadesis in bearded collies. <i>Veterinary Dermatology</i> , 2019, 30, 411.	0.4	5
10	Metabolisable energy intake and growth of privately owned growing dogs in comparison with official recommendations on the growth curve and energy supply. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2019, 103, 1952-1958.	1.0	2
11	Remarkable frequency of a history of liver disease in dogs fed homemade diets with buckwheat. <i>Tierärztliche Praxis Ausgabe K: Kleintiere - Heimtiere</i> , 2019, 47, 242-246.	0.3	4
12	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
13	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
14	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
15	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
16	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
17	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
18	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

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19	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
20	Metabolic syndrome and extensive adipose tissue inflammation in morbidly obese Göttingen minipigs. <i>Molecular Metabolism</i> , 2018, 16, 180-190.	3.0	41
21	Effect of cation-anion balance in feed on urine pH in rabbits in comparison with other species. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2017, 101, 1324-1330.	1.0	4
22	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
23	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
24	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
25	Metabolizable energy intake of client-owned adult dogs. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2016, 100, 813-819.	1.0	15
26	Metabolizable energy intake of client-owned adult cats. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2015, 99, 1025-1030.	1.0	18
27	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
28	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
29	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
30	Accidental finding of Hashimoto-like thyroiditis in male B.U.T. 6 turkeys at slaughter. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2014, 98, 875-878.	1.0	2
31	No effect of moderate or high concentrate allowance on growth parameters in weanling Warmblood foals fed late-cut haylage as forage. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2014, 98, 886-893.	1.0	5
32	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
33	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
34	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
35	Scoring of sweat losses in exercised horses - a pilot study. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2014, 98, 246-250.	1.0	3
36	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

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37	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
38	Effect of ammonium hexacyanoferrate and of the covariates age, gender, weight, season and calendar time on radiocaesium contamination of wild boars living in the wild in Bavaria. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2013, 97, 495-501.	1.0	2
39	Assessment of nutritional status from analysis of blood and other tissue samples. , 2013, , 425-442.		1
40	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
41	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
42	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
43	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
44	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
45	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
46	Birth weight and postnatal growth of pure-bred kittens. <i>British Journal of Nutrition</i> , 2011, 106, S32-S34.	1.2	12
47	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
48	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
49	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
50	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
51	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
52	Retention of fluid and particles in captive tapirs ( <i>Tapirus</i> sp.). <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2010, 157, 95-101.	0.8	29
53	Carnivorous mammals: nutrient digestibility and energy evaluation. <i>Zoo Biology</i> , 2010, 29, 687-704.	0.5	52
54	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

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55	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
56	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
57	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
58	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
59	Comparative chewing efficiency in mammalian herbivores. <i>Oikos</i> , 2009, 118, 1623-1632.	1.2	135
60	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
61	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
62	Historical copper and manganese levels in cattle feeds in Bavaria, Germany. <i>Journal of Nutritional and Environmental Medicine</i> , 2007, 16, 69-74.	0.1	2
63	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
64	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
65	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
66	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
67	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
68	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
69	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
70	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
71	Retrospective Study on the Energy Requirements of Adult Colony Cats. <i>Journal of Nutrition</i> , 2006, 136, 1973S-1975S.	1.3	17
72	Human-Animal Relationship of Owners of Normal and Overweight Cats. <i>Journal of Nutrition</i> , 2006, 136, 1947S-1950S.	1.3	80

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73	Interaction between Dietary Cellulose Content and Food Intake in Cats. <i>Journal of Nutrition</i> , 2006, 136, 1988S-1990S.	1.3	18
74	Chemical Composition of Turtles and Tortoises. <i>Journal of Nutrition</i> , 2006, 136, 2053S-2054S.	1.3	17
75	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
76	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
77	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
78	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
79	Breed predisposition for BSE: Epidemiological evidence in Bavarian cattle. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2006, 148, 245-250.	0.2	8
80	Studies on digestive physiology and feed digestibilities in captive Indian rhinoceros ( <i>Rhinoceros</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	1.0	36
81	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
82	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
83	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
84	Serum $\beta$ -carotene and $\alpha$ -tocopherol in horses fed $\beta$ -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
85	Estimation of Iodine Status in Cats. <i>Journal of Nutrition</i> , 2002, 132, 1751S-1753S.	1.3	18
86	A Placebo-Controlled Double-Blind Study on the Effect of Nutraceuticals (Chondroitin Sulfate and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.3	29
87	Influence of Different Cellulose Types on Feces Quality of Dogs. <i>Journal of Nutrition</i> , 2002, 132, 1728S-1729S.	1.3	25
88	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
89	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
90	Serum Response of Ponies to $\beta$ -Carotene Fed by Grass Meal or a Synthetic Beadlet Preparation with and without Added Dietary Fat. <i>Journal of Nutrition</i> , 2002, 132, 1774S-1775S.	1.3	3

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91	Zinc, Copper and Selenium Intake and Status of Horses in Bavaria. Journal of Nutrition, 2002, 132, 1776S-1777S.	1.3	31
92	Serum Response after Oral Supplementation of Different Zinc Compounds in Horses. Journal of Nutrition, 2002, 132, 1769S-1770S.	1.3	8
93	Cats Absorb $\beta$ -Carotene, but It Is Not Converted to Vitamin A. Journal of Nutrition, 2002, 132, 1610S-1612S.	1.3	23
94	Nutritional Lens Opacities in Two Litters of Newfoundland Dogs. Journal of Nutrition, 2002, 132, 1688S-1689S.	1.3	10
95	A Method to Estimate Digestible Energy in Horse Feed. Journal of Nutrition, 2002, 132, 1771S-1773S.	1.3	34
96	Further Developments in the Prediction of Metabolizable Energy (ME) in Pet Food. Journal of Nutrition, 2002, 132, 1796S-1798S.	1.3	16
97	Iodine Balance in Relation to Iodine Intake in Ponies. Journal of Nutrition, 2002, 132, 1767S-1768S.	1.3	11
98	Importance of the wasting syndrome complex in captive moose ( <i>Alces alces</i> ). Zoo Biology, 2002, 21, 499-506.	0.5	15
99	Calculation of gross energy in pet foods: new data on heat combustion and fibre analysis in a selection of foods for dogs and cats. Journal of Animal Physiology and Animal Nutrition, 2001, 85, 148-157.	1.0	22
100	Effect of cellulose on the digestibility of high starch versus high fat diets in dogs. Journal of Animal Physiology and Animal Nutrition, 2001, 85, 174-185.	1.0	30
101	Phosphorous requirements of adult cats. Journal of Animal Physiology and Animal Nutrition, 1998, 80, 90-100.	1.0	4
102	Microscopy of starch digestion in the horse. Journal of Animal Physiology and Animal Nutrition, 1998, 80, 213-216.	1.0	7
103	The influence of dietary fibre components on the apparent digestibility of organic matter and energy in prepared dog and cat foods. Journal of Animal Physiology and Animal Nutrition, 1998, 79, 46-56.	1.0	17
104	The development of an improved method of predicting the energy content in prepared dog and cat food. Journal of Animal Physiology and Animal Nutrition, 1998, 79, 69-79.	1.0	23
105	Malnutrition and overnutrition in puppies with or without clinical disorders of skeletal development. Journal of Animal Physiology and Animal Nutrition, 1998, 80, 76-81.	1.0	19
106	Investigations on Milk Composition and Milk Yield in Queens. Journal of Nutrition, 1998, 128, 2618S-2619S.	1.3	14
107	A Comparison of the Feeding Behavior and the Human-Animal Relationship in Owners of Normal and Obese Dogs. Journal of Nutrition, 1998, 128, S2779-S2782.	1.3	103
108	Factorial Calculation of Nutrient Requirements in Lactating Queens. Journal of Nutrition, 1998, 128, S2609-S2614.	1.3	6

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109	Body Composition of Puppies and Young Dogs. Journal of Nutrition, 1998, 128, S2680-S2683.	1.3	16
110	Comparison of Various Methods of Fiber Analysis in Pet Foods. Journal of Nutrition, 1998, 128, S2795-S2797.	1.3	8
111	Investigations on Phosphorus Requirements of Adult Cats. Journal of Nutrition, 1998, 128, S2598-S2600.	1.3	15
112	Effect of Diet on Plasma Triglycerides, Cholesterol, $\beta$ -Hydroxybutyrate and Free Fatty Acids in Cats. Journal of Nutrition, 1998, 128, S2648-S2650.	1.3	6
113	Interactions of Cellulose Content and Diet Composition with Food Intake and Digestibility in Dogs. Journal of Nutrition, 1998, 128, S2674-S2675.	1.3	11
114	An Improved Method for the Estimation of Energy in Pet Foods. Journal of Nutrition, 1998, 128, S2806-S2808.	1.3	16
115	Fiber affects digestibility of organic matter and energy in pet foods. Journal of Nutrition, 1998, 128, S2798S-2800S.	1.3	20
116	Struvite Diet in Cats: Effect of Ammonium Chloride and Carbonates on Acid Base Balance of Cats. Journal of Nutrition, 1994, 124, 2652S-2659S.	1.3	26
117	Activity of amylase in the gastrointestinal tract of the horse <sup>1</sup> . Journal of Animal Physiology and Animal Nutrition, 1994, 72, 234-241.	1.0	42
118	Blood Sugar Levels and Renal Sugar Excretion After the Intake of High Carbohydrate Diets in Cats. Journal of Nutrition, 1994, 124, 2563S-2567S.	1.3	34
119	Effect of Carbohydrates on Digestion in the Cat. Journal of Nutrition, 1994, 124, 2568S-2571S.	1.3	30
120	Carbohydrate metabolism of the cat 2. Digestion of starch. Journal of Animal Physiology and Animal Nutrition, 1993, 69, 102-114.	1.0	44
121	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
122	Maintenance Energy Requirement of Dogs: What is the Correct Value for the Calculation of Metabolic Body Weight in Dogs?. Journal of Nutrition, 1991, 121, S39-S40.	1.3	46
123	Body Composition of Cats as a Basis for Factorial Calculation of Energy and Nutrient Requirements for Growth. Journal of Nutrition, 1991, 121, S122-S123.	1.3	5
124	Investigations on Palatability, Digestibility and Tolerance of Low Digestible Food Components in Cats. Journal of Nutrition, 1991, 121, S56-S57.	1.3	16
125	Influence of Food Composition on the Urine pH in Cats. Journal of Nutrition, 1991, 121, S87-S88.	1.3	39
126	Investigations on the composition of horse bones. Journal of Equine Veterinary Science, 1990, 10, 208-214.	0.4	2