David Raubenheimer

List of Publications by Year in Descending Order

252 papers	13,068 citations	64 h-index	106 g-index
260 ext. papers	15,447 ext. citations	5.3 avg, IF	6.76 L-index

#	Paper	IF	Citations
252	Ecology, Protein Leverage, and Public Health **2022**, 72-88		0
251	An integrative approach to dietary balance across the life course. *IScience*, **2022**, 104315	6.1	0
250	A randomised clinical trial to investigate the effect of dietary protein sources on periodontal health.. *Journal of Clinical Periodontology*, **2021**,	7.7	1
249	Nutritional reprogramming of mouse liver proteome is dampened by metformin, resveratrol, and rapamycin. *Cell Metabolism*, **2021**, 33, 2367-2379.e4	24.6	6
248	Obesity and Male Reproduction; Placing the Western Diet in Context. *Frontiers in Endocrinology*, **2021**, 12, 622292	5.7	3
247	Nutritional geometry of female chimpanzees (Pan troglodytes). *American Journal of Primatology*, **2021**, 83, e23269	2.5	2
246	Impact of dietary carbohydrate type and protein-carbohydrate interaction on metabolic health. *Nature Metabolism*, **2021**, 3, 810-828	14.6	10
245	Association between the Urinary Sodium to Potassium Ratio and Blood Pressure in Adults: A Systematic Review and Meta-Analysis. *Advances in Nutrition*, **2021**, 12, 1751-1767	10	0
244	Cardio-metabolic consequences of dietary carbohydrates: reconciling contradictions using nutritional geometry. *Cardiovascular Research*, **2021**, 117, 386-401	9.9	13
243	The geometry of resource constraint: An empirical study of the golden snub-nosed monkey. *Journal of Animal Ecology*, **2021**, 90, 751-765	4.7	2
242	Daily protein prioritization and long-term nutrient balancing in a dietary generalist, the blue monkey. *Behavioral Ecology*, **2021**, 32, 223-235	2.3	0
241	Firstborn sex defines early childhood growth of subsequent siblings. *Proceedings of the Royal Society B: Biological Sciences*, **2021**, 288, 20202329	4.4	0
240	Macronutrient balancing in free-ranging populations of moose. *Ecology and Evolution*, **2021**, 11, 11223-11240	2.8	2
239	Naringin Promotes Skeletal Muscle Fiber Remodeling by the AdipoR1-APPL1-AMPK Signaling Pathway. *Journal of Agricultural and Food Chemistry*, **2021**, 69, 11890-11899	5.7	1
238	Maternal Dietary Fatty Acid Composition and Newborn Epigenetic Aging-A Geometric Framework Approach. *American Journal of Clinical Nutrition*, **2021**,	7	4
237	Modeling nutrition and brain aging in rodents **2021**, 517-526		
236	Does temperature constrain diet choice in a marine herbivorous fish?. *Marine Biology*, **2020**, 167, 1	2.5	1

235	Evidence for Protein Leverage in Children and Adolescents with Obesity. *Obesity*, **2020**, 28, 822-829	8	7
234	Integrating nutritional and behavioral ecology: Mutual benefits and new frontiers. *Advances in the Study of Behavior*, **2020**, 29-63	3.4	3
233	The power of protein. *American Journal of Clinical Nutrition*, **2020**, 112, 6-7	7	5
232	Nutritional Ecology and Human Health **2020**, 39-55		
231	Living near the limits: Effects of interannual variation in food availability on diet and reproduction in a temperate primate, the Taihangshan macaque (Macaca mulatta tcheliensis). *American Journal of Primatology*, **2020**, 82, e23080	2.5	4
230	Global associations between macronutrient supply and age-specific mortality. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 30824-30835	11.5	4
229	Geometric Stoichiometry: Unifying Concepts of Animal Nutrition to Understand How Protein-Rich Diets Can Be Too Much of a Good Thing *Frontiers in Ecology and Evolution*, **2020**, 8,	3.7	7
228	Cold and hungry: combined effects of low temperature and resource scarcity on an edge-of-range temperate primate, the golden snub-nose monkey. *Ecography*, **2020**, 43, 1672-1682	6.5	5
227	The Nutritional Ecology of Marine Apex Predators. *Annual Review of Marine Science*, **2020**, 12, 361-387	15.4	21
226	Applying the Behavioural Change Wheel to Encourage Higher Welfare Food Choices. *Animals*, **2019**, 9,	3.1	8
225	New insights into the association of mid-childhood macronutrient intake to pubertal development in adolescence using nutritional geometry. *British Journal of Nutrition*, **2019**, 122, 274-283	3.6	7
224	Macronutrient intakes and the lifespan-fecundity trade-off: a geometric framework agent-based model. *Journal of the Royal Society Interface*, **2019**, 16, 20180733	4.1	6
223	Dietary macronutrient content, age-specific mortality and lifespan. *Proceedings of the Royal Society B: Biological Sciences*, **2019**, 286, 20190393	4.4	13
222	Branched chain amino acids impact health and lifespan indirectly via amino acid balance and appetite control. *Nature Metabolism*, **2019**, 1, 532-545	14.6	105
221	Giant Pandas Are Macronutritional Carnivores. *Current Biology*, **2019**, 29, 1677-1682.e2	6.3	29
220	Dietary diversity of an ecological and macronutritional generalist primate in a harsh high-latitude habitat, the Taihangshan macaque (Macaca mulatta tcheliensis). *American Journal of Primatology*, **2019**, 81, e22965	2.5	8
219	Sucrose and starch intake contribute to reduced alveolar bone height in a rodent model of naturally occurring periodontitis. *PLoS ONE*, **2019**, 14, e0212796	3.7	3
218	Protein Leverage: Theoretical Foundations and Ten Points of Clarification. *Obesity*, **2019**, 27, 1225-1238	8	47

217	Dietary generalists and nutritional specialists: Feeding strategies of adult female blue monkeys (Cercopithecus mitis) in the Kakamega Forest, Kenya. *American Journal of Primatology*, **2019**, 81, e23016	2.5	15
216	Australian Consumers' Knowledge and Concern for Animal Welfare in Food Production: Influences on Purchasing Intentions. *Society and Animals*, **2019**, 1-28	0.5	5
215	The effects of age, sex and season on the macronutrient composition of the diet of the domestic Asian elephant. *Journal of Applied Animal Research*, **2019**, 47, 5-16	1.7	1
214	A nutritional perspective on plastic ingestion in wildlife. *Science of the Total Environment*, **2019**, 656, 789-796	10.2	17
213	Functional macronutritional generalism in a large omnivore, the brown bear. *Ecology and Evolution*, **2018**, 8, 2365-2376	2.8	19
212	Dietary protein supplementation and its consequences for intake, digestion, and physical activity of a carnivorous marsupial,. *Ecology and Evolution*, **2018**, 8, 3636-3647	2.8	2
211	Long-term Dietary Macronutrients and Hepatic Gene Expression in Aging Mice. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2018**, 73, 1618-1625	6.4	10
210	Multidimensional nutritional ecology and urban birds. *Ecosphere*, **2018**, 9, e02177	3.1	30
209	Strong associations of nine-point body condition scoring with survival and lifespan in cats. *Journal of Feline Medicine and Surgery*, **2018**, 20, 1110-1118	2.3	20
208	The Relationship Between Dietary Macronutrients and Hepatic Telomere Length in Aging Mice. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2018**, 73, 446-449	6.4	13
207	Nutritional ecology and foraging theory. *Current Opinion in Insect Science*, **2018**, 27, 38-45	5.1	37
206	Macronutrient signature of dietary generalism in an ecologically diverse primate in the wild. *Behavioral Ecology*, **2018**, 29, 804-813	2.3	19
205	Multifactorial roles of interannual variability, season, and sex for foraging patterns in a sexually size monomorphic seabird, the Australasian gannet (Morus serrator). *Marine Biology*, **2018**, 165, 1	2.5	5
204	Ultra-processed foods, protein leverage and energy intake in the USA. *Public Health Nutrition*, **2018**, 21, 114-124	3.3	39
203	The nutritional nexus: Linking niche, habitat variability and prey composition in a generalist marine predator. *Journal of Animal Ecology*, **2018**, 87, 1286-1298	4.7	20
202	Nutrient-specific compensation for seasonal cold stress in a free-ranging temperate colobine monkey. *Functional Ecology*, **2018**, 32, 2170-2180	5.6	24
201	The nutritional geometry of liver disease including non-alcoholic fatty liver disease. *Journal of Hepatology*, **2018**, 68, 316-325	13.4	19
200	Nutrient Balancing by Captive Golden Snub-Nosed Monkeys (Rhinopithecus roxellana). *International Journal of Primatology*, **2018**, 39, 1124-1138	2	4

199	Comparing the Effects of Low-Protein and High-Carbohydrate Diets and Caloric Restriction on Brain Aging in Mice. *Cell Reports*, **2018**, 25, 2234-2243.e6	10.6	57
198	Demographics Regarding Belief in Non-Human Animal Sentience and Emotional Empathy with Animals: A Pilot Study among Attendees of an Animal Welfare Symposium. *Animals*, **2018**, 8,	3.1	5
197	Effects of temperature on macronutrient selection, metabolic and swimming performance of the Indo-Pacific Damselfish (Abudefduf vaigiensis). *Marine Biology*, **2018**, 165, 1	2.5	11
196	Macronutrient balancing affects patch departure by guerezas (Colobus guereza). *American Journal of Primatology*, **2017**, 79, 1-9	2.5	18
195	Nutritional status and functional digestive histology of the carnivorous Tasmanian devil (Sarcophilus harrisii). *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2017**, 205, 1-7	2.6	
194	Dietary protein, aging and nutritional geometry. *Ageing Research Reviews*, **2017**, 39, 78-86	12	72
193	Exploratory analysis of meal composition in Australia: meat and accompanying foods. *Public Health Nutrition*, **2017**, 20, 2157-2165	3.3	12
192	Population variance in prey, diets and their macronutrient composition in an endangered marine predator, the Franciscana dolphin. *Journal of Sea Research*, **2017**, 129, 70-79	1.9	15
191	VetCompass Australia: A National Big Data Collection System for Veterinary Science. *Animals*, **2017**, 7,	3.1	29
190	The nutritional basis of seasonal selective feeding by a marine herbivorous fish. *Marine Biology*, **2017**, 164, 1	2.5	7
189	Growth performance, nutrient utilisation and carcass composition respond to dietary protein concentrations in broiler chickens but responses are modified by dietary lipid levels. *British Journal of Nutrition*, **2017**, 118, 250-262	3.6	9
188	Collective foraging in spatially complex nutritional environments. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2017**, 372,	5.8	29
187	Tasting novel foods and selecting nutrient content in a highly successful ecological invader, the common myna. *Journal of Avian Biology*, **2017**, 48, 1432-1440	1.9	10
186	Bridging Ecological Stoichiometry and Nutritional Geometry with homeostasis concepts and integrative models of organism nutrition. *Functional Ecology*, **2017**, 31, 286-296	5.6	58
185	Diet-Microbiome Interactions in Health Are Controlled by Intestinal Nitrogen Source Constraints. *Cell Metabolism*, **2017**, 25, 140-151	24.6	97
184	The Geometric Framework for Nutrition as a tool in precision medicine. *Nutrition and Healthy Aging*, **2017**, 4, 217-226	1.3	37
183	Cognitive and behavioral evaluation of nutritional interventions in rodent models of brain aging and dementia. *Clinical Interventions in Aging*, **2017**, 12, 1419-1428	4	57
182	Risk factors for underweight and overweight in cats in metropolitan Sydney, Australia. *Preventive Veterinary Medicine*, **2017**, 144, 102-111	3.1	13

181	Balancing macronutrient intake in cultured Lytechinus variegatus. *Aquaculture*, **2016**, 450, 295-300	4.4	14
180	Moving beyond body condition indices as an estimate of fitness in ecological and evolutionary studies. *Functional Ecology*, **2016**, 30, 108-115	5.6	66
179	Three-dimensional diet regulation and the consequences of choice for weight and activity level of a marsupial carnivore. *Journal of Mammalogy*, **2016**, 97, 1645-1651	1.8	6
178	Macronutritional consequences of food generalism in an invasive mammal, the wild boar. *Mammalian Biology*, **2016**, 81, 523-526	1.6	22
177	Predicting the distributions of predator (snow leopard) and prey (blue sheep) under climate change in the Himalaya. *Ecology and Evolution*, **2016**, 6, 4065-75	2.8	67
176	Sex-specific macronutrient foraging strategies in a highly successful marine predator: the Australasian gannet. *Marine Biology*, **2016**, 163, 1	2.5	28
175	Developmental contributions to macronutrient selection: a randomized controlled trial in adult survivors of malnutrition. *Evolution, Medicine and Public Health*, **2016**, 2016, 158-69	3	16
174	Nutritional strategies to optimise cognitive function in the aging brain. *Ageing Research Reviews*, **2016**, 31, 80-92	12	64
173	Nutritional Ecology and Human Health. *Annual Review of Nutrition*, **2016**, 36, 603-26	9.9	81
172	Dietary macronutrients and the aging liver sinusoidal endothelial cell. *American Journal of Physiology - Heart and Circulatory Physiology*, **2016**, 310, H1064-70	5.2	29
171	Temperate marine herbivorous fishes will likely do worse, not better, as waters warm up. *Marine Biology*, **2016**, 163, 1	2.5	2
170	The Multidimensional Nutritional Niche. *Trends in Ecology and Evolution*, **2016**, 31, 355-365	10.9	89
169	The impact of low-protein high-carbohydrate diets on aging and lifespan. *Cellular and Molecular Life Sciences*, **2016**, 73, 1237-52	10.3	136
168	Dietary protein selection in a free-ranging urban population of common myna birds. *Behavioral Ecology*, **2016**, 27, 219-227	2.3	34
167	Raised FGF-21 and Triglycerides Accompany Increased Energy Intake Driven by Protein Leverage in Lean, Healthy Individuals: A Randomised Trial. *PLoS ONE*, **2016**, 11, e0161003	3.7	22
166	The Effects of Dietary Macronutrient Balance on Skin Structure in Aging Male and Female Mice. *PLoS ONE*, **2016**, 11, e0166175	3.7	7
165	What We Know about the Public's Level of Concern for Farm Animal Welfare in Food Production in Developed Countries. *Animals*, **2016**, 6,	3.1	76
164	Some problems with translating the insulating effect of obesity from mice to men. *American Journal of Physiology - Endocrinology and Metabolism*, **2016**, 311, E638	6	5

163	Changes in Meat/Poultry/Fish Consumption in Australia: From 1995 to 2011-2012. *Nutrients*, **2016**, 8,	6.7	18
162	The Nutritional Balancing Act of a Large Herbivore: An Experiment with Captive Moose (Alces alces L). *PLoS ONE*, **2016**, 11, e0150870	3.7	28
161	Social Network Analysis and Nutritional Behavior: An Integrated Modeling Approach. *Frontiers in Psychology*, **2016**, 7, 18	3.4	12
160	Functional implications of omnivory for dietary nutrient balance. *Oikos*, **2016**, 125, 1233-1240	4	19
159	Adaptive collective foraging in groups with conflicting nutritional needs. *Royal Society Open Science* , **2016**, 3, 150638	3.3	8
158	Bridging factorial and gradient concepts of resource co-limitation: towards a general framework applied to consumers. *Ecology Letters*, **2016**, 19, 201-215	10	44
157	Balancing macronutrient intake in a mammalian carnivore: disentangling the influences of flavour and nutrition. *Royal Society Open Science*, **2016**, 3, 160081	3.3	17
156	Feeding preferences of the Asian elephant (Elephas maximus) in Nepal. *BMC Ecology*, **2016**, 16, 54	2.7	16
155	Spider web and silk performance landscapes across nutrient space. *Scientific Reports*, **2016**, 6, 26383	4.9	14
154	An assessment of the influence of macronutrients on growth performance and nutrient utilisation in broiler chickens by nutritional geometry. *British Journal of Nutrition*, **2016**, 116, 2129-2138	3.6	12
153	Might macronutrient requirements influence grizzly bear□human conflict? Insights from nutritional geometry. *Ecosphere*, **2016**, 7, e01204	3.1	18
152	Coupling bio-logging with nutritional geometry to reveal novel insights into the foraging behaviour of a plunge-diving marine predator. *New Zealand Journal of Marine and Freshwater Research*, **2016**, 50, 418-432	1.3	18
151	Hematology and serum biochemistry reference ranges of healthy captive Tasmanian devils (Sarcophilus harrisii) and their association with age, gender and seasonal variation. *Mammalian Biology*, **2016**, 81, 393-398	1.6	5
150	New Horizons: Dietary protein, ageing and the Okinawan ratio. *Age and Ageing*, **2016**, 45, 443-7	3	47
149	Nutritional ecology and the evolution of aging. *Experimental Gerontology*, **2016**, 86, 50-61	4.5	26
148	Defining the Nutritional and Metabolic Context of FGF21□Using the Geometric Framework. *Cell Metabolism*, **2016**, 24, 555-565	24.6	118
147	Meta-analysis of variance: an illustration comparing the effects of two dietary interventions on variability in weight. *Evolution, Medicine and Public Health*, **2016**, 2016, 244-55	3	31
146	Motive for Killing: What Drives Prey Choice in Wild Predators?. *Ethology*, **2016**, 122, 703-711	1.7	20

145	Nutritional ecology beyond the individual: a conceptual framework for integrating nutrition and social interactions. *Ecology Letters*, **2015**, 18, 273-86	10	69
144	Macronutrients mediate the functional relationship between Drosophila and Wolbachia. *Proceedings of the Royal Society B: Biological Sciences*, **2015**, 282, 20142029	4.4	51
143	Reindeer Ewenki's fading culture. *Science*, **2015**, 347, 957	33.3	2
142	Macronutrient balance, reproductive function, and lifespan in aging mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 3481-6	11.5	152
141	Geometry of nutrition in field studies: an illustration using wild primates. *Oecologia*, **2015**, 177, 223-34	2.9	57
140	Evolving nutritional strategies in the presence of competition: a geometric agent-based model. *PLoS Computational Biology*, **2015**, 11, e1004111	5	23
139	Lower Protein-to-Carbohydrate Ratio in Maternal Diet is Associated with Higher Childhood Systolic Blood Pressure up to Age Four Years. *Nutrients*, **2015**, 7, 3078-93	6.7	22
138	Nutritional ecology of obesity: from humans to companion animals. *British Journal of Nutrition*, **2015**, 113 Suppl, S26-39	3.6	58
137	Do wild carnivores forage for prey or for nutrients? Evidence for nutrient-specific foraging in vertebrate predators. *BioEssays*, **2015**, 37, 701-9	4.1	57
136	Putting the balance back in diet. *Cell*, **2015**, 161, 18-23	56.2	115
135	Habitat, diet, macronutrient, and fiber balance of Himalayan marmot (Marmota himalayana) in the Central Himalaya, Nepal. *Journal of Mammalogy*, **2015**, 96, 308-316	1.8	10
134	Dispersal and ranging patterns of the Asian Elephant (Elephas maximus) in relation to their interactions with humans in Nepal. *Ethology Ecology and Evolution*, **2015**, 1-12	0.7	3
133	Nutritional Physiology: Sex Elicits a Taste for Salt in Drosophila. *Current Biology*, **2015**, 25, R980-2	6.3	2
132	Macronutrient and Energy Contributions of Insects to the Diet of a Frugivorous Monkey (Cercopithecus ascanius). *International Journal of Primatology*, **2015**, 36, 839-854	2	8
131	Diet and nutrient balance of red panda in Nepal. *Die Naturwissenschaften*, **2015**, 102, 54	2	21
130	An Overlooked Consequence of Dietary Mixing: A Varied Diet Reduces Interindividual Variance in Fitness. *American Naturalist*, **2015**, 186, 649-59	3.7	33
129	Obligate herbivory in an ancestrally carnivorous lineage: the giant panda and bamboo from the perspective of nutritional geometry. *Functional Ecology*, **2015**, 29, 26-34	5.6	108
128	Long-term declines in nutritional quality of tropical leaves. *Ecology*, **2015**, 96, 873-8	4.6	42

127	Foods, macronutrients and fibre in the diet of blue sheep (Psuedois nayaur) in the Annapurna Conservation Area of Nepal. *Ecology and Evolution*, **2015**, 5, 4006-17	2.8	19
126	Behavioral Microbiomics: A Multi-Dimensional Approach to Microbial Influence on Behavior. *Frontiers in Microbiology*, **2015**, 6, 1359	5.7	39
125	Successive Generations in a Rat Model Respond Differently to a Constant Obesogenic Environment. *PLoS ONE*, **2015**, 10, e0129779	3.7	4
124	Macronutrients and caloric intake in health and longevity. *Journal of Endocrinology*, **2015**, 226, R17-28	4.7	90
123	Dietary Protein to Carbohydrate Ratio and Caloric Restriction: Comparing Metabolic Outcomes in Mice. *Cell Reports*, **2015**, 11, 1529-34	10.6	117
122	Habitat selection and feeding ecology of dhole (Cuon alpinus) in the Himalayas. *Journal of Mammalogy*, **2015**, 96, 47-53	1.8	10
121	The Influence of Macronutrients on Splanchnic and Hepatic Lymphocytes in Aging Mice. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2015**, 70, 1499-507	6.4	27
120	Recent advances in the integrative nutrition of arthropods. *Annual Review of Entomology*, **2015**, 60, 293-311	21.8	91
119	Foraging behaviour and habitat use of chick-rearing Australasian Gannets in New Zealand. *Journal of Ornithology*, **2014**, 155, 379-387	1.5	15
118	Human□arnivore conflict: ecological and economical sustainability of predation on livestock by snow leopard and other carnivores in the Himalaya. *Sustainability Science*, **2014**, 9, 321-329	6.4	64
117	Modelling nutrition across organizational levels: from individuals to superorganisms. *Journal of Insect Physiology*, **2014**, 69, 2-11	2.4	35
116	The ratio of macronutrients, not caloric intake, dictates cardiometabolic health, aging, and longevity in ad libitum-fed mice. *Cell Metabolism*, **2014**, 19, 418-30	24.6	572
115	Foraging for carotenoids: do colorful male hihi target carotenoid-rich foods in the wild?. *Behavioral Ecology*, **2014**, 25, 1048-1057	2.3	7
114	Multipronged strategy including genetic analysis for assessing conservation options for the snow leopard in the central Himalaya. *Journal of Mammalogy*, **2014**, 95, 871-881	1.8	34
113	Balancing Wildlife and Human Needs: The Protected Forest Approach in Nepal. *Natural Areas Journal*, **2014**, 34, 376-380	0.8	11
112	Temperature-related variation in growth rate, size, maturation and life span in a marine herbivorous fish over a latitudinal gradient. *Journal of Animal Ecology*, **2014**, 83, 866-75	4.7	45
111	Macronutrient optimization and energy maximization determine diets of brown bears. *Journal of Mammalogy*, **2014**, 95, 160-168	1.8	98
110	Nutritional contributions of insects to primate diets: implications for primate evolution. *Journal of Human Evolution*, **2014**, 71, 59-69	3.1	111

109	Macronutrient optimization and seasonal diet mixing in a large omnivore, the grizzly bear: a geometric analysis. *PLoS ONE*, **2014**, 9, e97968	3.7	83
108	Nutrient-specific compensatory feeding in a mammalian carnivore, the mink, Neovison vison. *British Journal of Nutrition*, **2014**, 112, 1226-33	3.6	15
107	Towards a synthesis of frameworks in nutritional ecology: interacting effects of protein, carbohydrate and phosphorus on field cricket fitness. *Proceedings of the Royal Society B: Biological Sciences*, **2014**, 281,	4.4	78
106	Nutritional geometry and macronutrient variation in the diets of gannets: the challenges in marine field studies. *Marine Biology*, **2014**, 161, 2791-2801	2.5	34
105	Perspective: Tricks of the trade. *Nature*, **2014**, 508, S66	50.4	27
104	Blue sheep in the Annapurna Conservation Area, Nepal: habitat use, population biomass and their contribution to the carrying capacity of snow leopards. *Integrative Zoology*, **2014**, 9, 34-45	1.9	41
103	Nutritional correlates of the "lean season": effects of seasonality and frugivory on the nutritional ecology of diademed sifakas. *American Journal of Physical Anthropology*, **2014**, 153, 78-91	2.5	37
102	Macronutrient contributions of insects to the diets of hunter-gatherers: a geometric analysis. *Journal of Human Evolution*, **2014**, 71, 70-6	3.1	26
101	Sardine cycles, krill declines, and locust plagues: revisiting 'wasp-waist' food webs. *Trends in Ecology and Evolution*, **2014**, 29, 309-16	10.9	47
100	Impact of climate change on human-wildlife-ecosystem interactions in the Trans-Himalaya region of Nepal. *Theoretical and Applied Climatology*, **2014**, 115, 517-529	3	78
99	The contribution of private and public information in foraging by Australasian gannets. *Animal Cognition*, **2014**, 17, 849-58	3.1	26
98	Minerals in the foods eaten by mountain gorillas (Gorilla beringei). *PLoS ONE*, **2014**, 9, e112117	3.7	9
97	Arthropod food webs become increasingly lipid-limited at higher trophic levels. *Ecology Letters*, **2013**, 16, 895-902	10	75
96	Nutritional ecology of entomophagy in humans and other primates. *Annual Review of Entomology*, **2013**, 58, 141-60	21.8	156
95	Consistent proportional macronutrient intake selected by adult domestic cats (Felis catus) despite variations in macronutrient and moisture content of foods offered. *Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology*, **2013**, 183, 525-36	2.2	27
94	Rangelands, Conflicts, and Society in the Upper Mustang Region, Nepal. *Mountain Research and Development*, **2013**, 33, 11-18	1.4	9
93	Integrating nutrition and immunology: a new frontier. *Journal of Insect Physiology*, **2013**, 59, 130-7	2.4	93
92	Conspecific attraction in invasive wild house mice: Effects of strain, sex and diet. *Applied Animal Behaviour Science*, **2013**, 147, 186-193	2.2	2

91	Laboratory rats as conspecific biocontrol agents for invasive Norway rats R. norvegicus. *Biological Control*, **2013**, 66, 83-91	3.8	2
90	Balancing heat, water and nutrients under environmental change: a thermodynamic niche framework. *Functional Ecology*, **2013**, 27, 950-966	5.6	85
89	Geometric analysis of macronutrient selection in breeds of the domestic dog, Canis lupus familiaris. *Behavioral Ecology*, **2013**, 24, 293-304	2.3	74
88	Effects of dietary protein to carbohydrate balance on energy intake, fat storage, and heat production in mice. *Obesity*, **2013**, 21, 85-92	8	47
87	Habitat assessment for the translocation of blue sheep to maintain a viable snow leopard population in the Mt Everest Region, Nepal. *Zoology and Ecology*, **2013**, 23, 66-82	0.2	19
86	30 days in the life: daily nutrient balancing in a wild chacma baboon. *PLoS ONE*, **2013**, 8, e70383	3.7	65
85	Tolerance for nutrient imbalance in an intermittently feeding herbivorous cricket, the Wellington tree weta. *PLoS ONE*, **2013**, 8, e84641	3.7	12
84	Match and mismatch: conservation physiology, nutritional ecology and the timescales of biological adaptation. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2012**, 367, 1628-46	5.8	118
83	Testing the Protein Leverage Hypothesis in a free-living human population. *Appetite*, **2012**, 59, 312-5	4.5	30
82	Distribution and diet of brown bears in the upper Mustang Region, Nepal. *Ursus*, **2012**, 23, 231-236	1.4	24
81	Visual accommodation and active pursuit of prey underwater in a plunge-diving bird: the Australasian gannet. *Proceedings of the Royal Society B: Biological Sciences*, **2012**, 279, 4118-25	4.4	28
80	Optimal foraging for specific nutrients in predatory beetles. *Proceedings of the Royal Society B: Biological Sciences*, **2012**, 279, 2212-8	4.4	137
79	Diet and Habitat use of Hispid HareCaprolagus hispidusin Shuklaphanta Wildlife Reserve, Nepal. *Mammal Study*, **2012**, 37, 147-154	0.6	7
78	Effect of ingestion on the stable isotope signatures of marine herbivorous fish diets. *Journal of Experimental Marine Biology and Ecology*, **2012**, 438, 137-143	2.1	4
77	The association between the macronutrient content of maternal diet and the adequacy of micronutrients during pregnancy in the Women and Their Children Health (WATCH) study. *Nutrients*, **2012**, 4, 1958-76	6.7	19
76	Regulation of nutrient intake in nectar-feeding birds: insights from the geometric framework. *Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology*, **2012**, 182, 603-11	2.2	15
75	Dietary balance during pregnancy is associated with fetal adiposity and fat distribution. *American Journal of Clinical Nutrition*, **2012**, 96, 1032-41	7	71
74	Genetic identification of carnivore scat: implication of dietary information for human carnivore conflict in the Annapurna Conservation Area, Nepal. *Zoology and Ecology*, **2012**, 22, 137-143	0.2	6

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