

# Abraham Allan Degen

## List of Publications by Year in descending order

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Version: 2024-02-01

87  
papers

1,540  
citations

361413

20  
h-index

414414

32  
g-index

87  
all docs

87  
docs citations

87  
times ranked

1362  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flea species richness and parameters of host body, host geography and host "milieu"™. <i>Journal of Animal Ecology</i> , 2004, 73, 1121-1128.	2.8	125
2	Sheep and goat milk in pastoral societies. <i>Small Ruminant Research</i> , 2007, 68, 7-19.	1.2	84
3	Seasonal dynamics of diet" gut microbiota interaction in adaptation of yaks to life at high altitude. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 38.	6.4	76
4	Relationship between host diversity and parasite diversity: flea assemblages on small mammals. <i>Journal of Biogeography</i> , 2004, 31, 1857-1866.	3.0	70
5	Changes in vegetation parameters and soil nutrients along degradation and recovery successions on alpine grasslands of the Tibetan plateau. <i>Agriculture, Ecosystems and Environment</i> , 2019, 284, 106593.	5.3	66
6	Climate warming benefits alpine vegetation growth in Three-River Headwater Region, China. <i>Science of the Total Environment</i> , 2020, 742, 140574.	8.0	58
7	Fitness consequences of host selection in ectoparasites: testing reproductive patterns predicted by isodar theory in fleas parasitizing rodents. <i>Journal of Animal Ecology</i> , 2004, 73, 815-820.	2.8	56
8	Larval interspecific competition in two flea species parasitic on the same rodent host. <i>Ecological Entomology</i> , 2005, 30, 146-155.	2.2	53
9	Long-term active restoration of extremely degraded alpine grassland accelerated turnover and increased stability of soil carbon. <i>Global Change Biology</i> , 2020, 26, 7217-7228.	9.5	34
10	Field metabolic rates and water influxes of two sympatric Gerbillidae: <i>Gerbillus allenbyi</i> and <i>G. pyramidum</i> . <i>Oecologia</i> , 1992, 90, 586-590.	2.0	30
11	GRANIVORY AND PLANT SELECTION BY DESERT GERBILS OF DIFFERENT BODY SIZE. <i>Ecology</i> , 1997, 78, 2218-2229.	3.2	30
12	Cattle Reduction and Livestock Diversification among Borana Pastoralists in Southern Ethiopia. <i>Nomadic Peoples</i> , 2014, 18, 115-145.	0.4	25
13	Astragalus root extract improved average daily gain, immunity, antioxidant status and ruminal microbiota of early weaned yak calves. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 82-90.	3.5	24
14	Efficiency of Use of Saltbush ( <i>Atriplex halimus</i> ) for Growth by Fat Sand Rats ( <i>Psammomys obesus</i> ). <i>Journal of Mammalogy</i> , 1989, 70, 485-493.	1.3	23
15	Evaluation of saltgrass as a fodder crop for livestock. <i>Journal of the Science of Food and Agriculture</i> , 2005, 85, 2077-2084.	3.5	22
16	A trade-off between quantity and quality of offspring in haematophagous ectoparasites: the effect of the level of specialization. <i>Journal of Animal Ecology</i> , 2014, 83, 397-405.	2.8	22
17	Tibetan sheep have a high capacity to absorb and to regulate metabolism of SCFA in the rumen epithelium to adapt to low energy intake. <i>British Journal of Nutrition</i> , 2020, 123, 721-736.	2.3	22
18	Fiber Digestion and Energy Utilization of Fat Sand Rats ( <i>Psammomys obesus</i> ) Consuming the <i>Chenopodium articulata</i> . <i>Physiological and Biochemical Zoology</i> , 2000, 73, 574-580.	1.5	21

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19	ENERGY REQUIREMENTS DURING REPRODUCTION IN FEMALE COMMON SPINY MICE (ACOMYS CAHIRINUS). <i>Journal of Mammalogy</i> , 2002, 83, 645-651.	1.3	21
20	Ash and Electrolyte Intakes of the Fat Sand Rat, <i>Psammomys obesus</i> , Consuming Saltbush, <i>Atriplex halimus</i> , Containing Different Water Content. <i>Physiological Zoology</i> , 1988, 61, 137-141.	1.5	21
21	Energy intake, heat production and energy and nitrogen balances of sheep and goats fed wheat straw as a sole diet. <i>Livestock Science</i> , 2009, 125, 88-91.	1.6	20
22	Growth Rate and Energetics of Arabian Babbler ( <i>Turdoides squamiceps</i> ) Nestlings. <i>Auk</i> , 2001, 118, 519-524.	1.4	20
23	Tibetan sheep require less energy intake than small-tailed Han sheep for N balance when offered a low protein diet. <i>Animal Feed Science and Technology</i> , 2019, 248, 85-94.	2.2	19
24	Urea kinetics and nitrogen balance and requirements for maintenance in Tibetan sheep when fed oat hay. <i>Small Ruminant Research</i> , 2015, 129, 60-68.	1.2	18
25	Protective Effect of Resveratrol Improves Systemic Inflammation Responses in LPS-Injected Lambs. <i>Animals</i> , 2019, 9, 872.	2.3	18
26	Effects of level of feed intake and season on digestibility of dietary components, efficiency of microbial protein synthesis, rumen fermentation and ruminal microbiota in yaks. <i>Animal Feed Science and Technology</i> , 2020, 259, 114359.	2.2	18
27	Does Group Size Affect Field Metabolic Rate of Arabian Babbler ( <i>Turdoides squamiceps</i> ) Nestlings?. <i>Auk</i> , 2001, 118, 525-528.	1.4	18
28	Bedouin Households and Sheep Production in the Negev Desert, Israel. <i>Nomadic Peoples</i> , 2000, 4, 125-147.	0.4	18
29	Variation in plant carbon, nitrogen and phosphorus contents across the drylands of China. <i>Functional Ecology</i> , 2022, 36, 174-186.	3.6	18
30	Effects of Management, Dietary Intake, and Genotype on Rumen Morphology, Fermentation, and Microbiota, and on Meat Quality in Yaks and Cattle. <i>Frontiers in Nutrition</i> , 2021, 8, 755255.	3.7	17
31	Impact of climate change on plant species richness across drylands in China: From past to present and into the future. <i>Ecological Indicators</i> , 2021, 132, 108288.	6.3	16
32	Temporal activity and dietary selection in two coexisting desert snakes, the Saharan sand viper ( <i>Cerastes vipera</i> ) and the crowned leafnose ( <i>Lytorhynchus diadema</i> ). <i>Zoology</i> , 2013, 116, 113-117.	1.2	15
33	Carcass parameters and meat quality of Tibetan sheep and Small-tailed Han sheep consuming diets of low-protein content and different energy yields. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2020, 104, 1010-1023.	2.2	15
34	<i>Astragalus membranaceus</i> root supplementation improves average daily gain, rumen fermentation, serum immunity and antioxidant indices of Tibetan sheep. <i>Animal</i> , 2021, 15, 100061.	3.3	15
35	Effect of feed level and supplementary rumen protected lysine and methionine on growth performance, rumen fermentation, blood metabolites and nitrogen balance in growing Tan lambs fed low protein diets. <i>Animal Feed Science and Technology</i> , 2021, 279, 115024.	2.2	15
36	Flock Use Among Bedouin in 'spontaneous' Settlements in The Negev Desert, Southern Israel. <i>Nomadic Peoples</i> , 2006, 10, 53-69.	0.4	15

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37	Effect of air temperature and energy intake on body mass, body composition and energy requirements in sheep. <i>Journal of Agricultural Science</i> , 2002, 138, 221-226.	1.3	14
38	Browse selection by Karakul sheep in relation to plant composition and estimated metabolizable energy content. <i>Journal of Agricultural Science</i> , 2002, 139, 353-358.	1.3	14
39	Effects of Family Size and Wealth on Size of Land Cultivated by Borana Pastoralists in Southern Ethiopia. <i>Human Ecology</i> , 2015, 43, 15-28.	1.4	14
40	Adding heat-treated rapeseed to the diet of yak improves growth performance and tenderness and nutritional quality of the meat. <i>Animal Science Journal</i> , 2019, 90, 1177-1184.	1.4	14
41	Tibetan sheep are better able to cope with low energy intake than Small-tailed Han sheep due to lower maintenance energy requirements and higher nutrient digestibilities. <i>Animal Feed Science and Technology</i> , 2019, 254, 114200.	2.2	14
42	Cafeteria trials to determine relative preference of six desert trees and shrubs by sheep and goats. <i>Livestock Science</i> , 2010, 132, 19-25.	1.6	13
43	Reproductive cycle of free-living male Saharan sand vipers, <i>Cerastes vipera</i> (Viperidae) in the Negev desert, Israel. <i>General and Comparative Endocrinology</i> , 2012, 179, 241-247.	1.8	13
44	Seasonal biotic and abiotic factors affecting hunting strategy in free-living Saharan sand vipers, <i>Cerastes vipera</i> . <i>Behavioural Processes</i> , 2017, 135, 40-44.	1.1	13
45	Instability of decoupling livestock greenhouse gas emissions from economic growth in livestock products in the Tibetan highland. <i>Journal of Environmental Management</i> , 2021, 287, 112334.	7.8	12
46	Diet selection and energy and water budgets of the common spiny mouse <i>Acomys cahivinus</i> . <i>Journal of Zoology</i> , 1991, 225, 285-292.	1.7	11
47	Effect of population density on water influx and distribution in the desert snail <i>Trochoidea seetzenii</i> . <i>Ecoscience</i> , 2002, 9, 287-292.	1.4	11
48	Average daily metabolic rate of gerbils of two species: <i>Gerbillus pyramidum</i> and <i>Gerbillus allenbyi</i> . <i>Journal of Zoology</i> , 1991, 223, 143-149.	1.7	10
49	Dietary intake and time budget in two desert rodents: a diurnal herbivore, <i>Psammomys obesus</i> , and a nocturnal granivore, <i>Meriones crassus</i> . <i>Mammalia</i> , 2005, 69, .	0.7	10
50	Transformation of Borana from nomadic pastoralists to agropastoralists and shift of livestock from cattle to include more goats, camels and sheep in Southern Ethiopia. <i>International Journal of Business and Globalisation</i> , 2011, 6, 292.	0.2	10
51	Domestication of plants for sustainable agriculture in drylands: Experience from the Negev Desert. <i>Arid Land Research and Management</i> , 2016, 30, 209-228.	1.6	10
52	The forb, <i>Ajania tenuifolia</i> , uses soil nitrogen efficiently, allowing it to be dominant over sedges and Graminae in extremely degraded grasslands: Implications for grassland restoration and development on the Tibetan Plateau. <i>Land Degradation and Development</i> , 2020, 31, 1265-1276.	3.9	10
53	Biochar from pyrolyzed Tibetan Yak dung as a novel additive in ensiling sweet sorghum: An alternate to the hazardous use of Yak dung as a fuel in the home. <i>Journal of Hazardous Materials</i> , 2021, 403, 123647.	12.4	10
54	Livestock Production among Urban Negev Bedouin. <i>Outlook on Agriculture</i> , 2009, 38, 327-335.	3.4	9

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55	Growth performance and hormonal status during feed restriction and compensatory growth of Small-Tail Han sheep in China. <i>Small Ruminant Research</i> , 2016, 144, 191-196.	1.2	9
56	Sexual dichromatisation and sexual differences in hunting behavior and dietary intake in a free-ranging small viperid snake, <i>Cerastes vipera</i> . <i>Behavioural Processes</i> , 2019, 168, 103960.	1.1	9
57	The Changing Role of Camels among the Bedouin of the Negev. <i>Human Ecology</i> , 2019, 47, 193-204.	1.4	9
58	Driving Factors That Reduce Soil Carbon, Sugar, and Microbial Biomass in Degraded Alpine Grasslands. <i>Rangeland Ecology and Management</i> , 2019, 72, 396-404.	2.3	9
59	The microbiota-gut-kidney axis mediates host osmoregulation in a small desert mammal. <i>Npj Biofilms and Microbiomes</i> , 2022, 8, 16.	6.4	9
60	Water Intake in Two Coexisting Desert Rodents, <i>Acomys cahirinus</i> and <i>Gerbillus dasyurus</i> . <i>Journal of Mammalogy</i> , 1992, 73, 201-206.	1.3	8
61	Presence frequency of plant species can predict spatial patterns of the species in small patches on the Qinghai-Tibetan Plateau. <i>Global Ecology and Conservation</i> , 2020, 21, e00888.	2.1	8
62	Relative tail length correlates with body condition in male but not in female crowned leafnose snakes ( <i>Lytrohynchus diadema</i> ). <i>Scientific Reports</i> , 2020, 10, 4130.	3.3	8
63	Rumen Bacterial Community of Grazing Lactating Yaks ( <i>Poephagus grunniens</i> ) Supplemented with Concentrate Feed and/or Rumen-Protected Lysine and Methionine. <i>Animals</i> , 2021, 11, 2425.	2.3	8
64	The Inclusion of Jujube By-Products in Animal Feed: A Review. <i>Sustainability</i> , 2022, 14, 7882.	3.2	8
65	Livestock Trader Entrepreneurs among Urban Bedouin in the Negev Desert. <i>International Journal of Entrepreneurship and Innovation</i> , 2008, 9, 93-101.	2.3	7
66	Energy requirements, length of digestive tract compartments and body mass in six gerbilline rodents of the Negev Desert. <i>Zoology</i> , 2019, 137, 125715.	1.2	6
67	Natural primary production mediates the effects of nitrogen and carbon addition on plant functional groups biomass and temporal stability in the Tibetan alpine steppe-meadow. <i>Agriculture, Ecosystems and Environment</i> , 2020, 302, 107080.	5.3	6
68	<i>Astragalus membranaceus</i> Alters Rumen Bacteria to Enhance Fiber Digestion, Improves Antioxidant Capacity and Immunity Indices of Small Intestinal Mucosa, and Enhances Liver Metabolites for Energy Synthesis in Tibetan Sheep. <i>Animals</i> , 2021, 11, 3236.	2.3	6
69	Growth Rate and Energetics of Arabian Babbler ( <i>Turdoides squamiceps</i> ) Nestlings. <i>Auk</i> , 2001, 118, 519-524.	1.4	5
70	Goat Production and Fodder Leaves Offered by Local Villagers in the Mid-Hills of Nepal. <i>Human Ecology</i> , 2010, 38, 625-637.	1.4	5
71	Milk production of the dam limits the growth rate of Sundevall's jird ( <i>Meriones crassus</i> ) pups. <i>Mammalian Biology</i> , 2011, 76, 285-289.	1.5	5
72	Effect of air temperature on growth performance, apparent digestibilities, rumen fermentation and serum metabolites in Altay and Hu lambs. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2020, 104, 1024-1033.	2.2	5

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73	Mound-building ants increase the proportion of Gramineae in above-ground vegetation and the soil seed bank in alpine meadows. <i>Journal of Vegetation Science</i> , 2020, 31, 867-876.	2.2	5
74	Quantifying Drought Resistance of Drylands in Northern China from 1982 to 2015: Regional Disparity in Drought Resistance. <i>Forests</i> , 2022, 13, 100.	2.1	5
75	Activity and short-term impacts of dromedary camels ( <i>Camelus dromedarius</i> ) foraging on perennial coastal sand dune vegetation. <i>Journal of Arid Environments</i> , 2016, 133, 47-53.	2.4	4
76	Sex differences in testosterone reactivity and sensitivity in a non-model gerbil. <i>General and Comparative Endocrinology</i> , 2020, 291, 113418.	1.8	4
77	Transcriptome Analysis Reveals Genes Involved in Thermogenesis in Two Cold-Exposed Sheep Breeds. <i>Genes</i> , 2021, 12, 375.	2.4	4
78	Phylogenetic structure of host spectra in Palaearctic fleas: stability versus spatial variation in widespread, generalist species. <i>Parasitology</i> , 2014, 141, 181-191.	1.5	3
79	Particle size reduction along the digestive tract of fat sand rats ( <i>Psammomys obesus</i> ) fed four chenopods. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2021, 191, 831-841.	1.5	3
80	An increase in dietary lipid content from different forms of double-flower rapeseed reduces enteric methane emission in Datong yaks on the Qinghai-Tibetan Plateau. <i>Animal Science Journal</i> , 2020, 91, e13489.	1.4	3
81	Replacement of fangs in a free-ranging desert viperid, <i>Cerastes vipera</i> . <i>Zoology</i> , 2022, 152, 126013.	1.2	3
82	Effects of macroparasites on the energy allocation of reproducing small mammals. <i>Frontiers of Biology in China: Selected Publications From Chinese Universities</i> , 2008, 3, 123-130.	0.2	2
83	Host reproductive status and reproductive performance of a parasite: offspring quality and trade-offs in a flea parasitic on a rodent. <i>Parasitology</i> , 2014, 141, 914-924.	1.5	2
84	Effects of parasite pressure on parasite mortality and reproductive output in a rodent-flea system: inferring host defense trade-offs. <i>Parasitology Research</i> , 2016, 115, 3337-3344.	1.6	2
85	Does Group Size Affect Field Metabolic Rate of Arabian Babbler ( <i>Turdoides squamiceps</i> ) Nestlings?. <i>Auk</i> , 2001, 118, 525-528.	1.4	0
86	Resting and field metabolic rates of Awassi sheep and <i>Baladi</i> goats raised by Negev bedouin. <i>Journal of Agricultural Science</i> , 2020, 158, 431-437.	1.3	0
87	Ruminant Lick Blocks, Particularly in China: A Review. <i>Sustainability</i> , 2022, 14, 7620.	3.2	0