Abraham Allan Degen

List of Publications by Year
in descending order

87	1,540	361413 20	414414 32
papers	citations	h-index	g-index

87	87	87	1362
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Variation in plant carbon, nitrogen and phosphorus contents across the drylands of China. Functional Ecology, 2022, 36, 174-186.	3.6	18
2	Quantifying Drought Resistance of Drylands in Northern China from 1982 to 2015: Regional Disparity in Drought Resistance. Forests, 2022, 13, 100.	2.1	5
3	The microbiota-gut-kidney axis mediates host osmoregulation in a small desert mammal. Npj Biofilms and Microbiomes, 2022, 8, 16.	6.4	9
4	Replacement of fangs in a free-ranging desert viperid, Cerastes vipera. Zoology, 2022, 152, 126013.	1.2	3
5	Ruminant Lick Blocks, Particularly in China: A Review. Sustainability, 2022, 14, 7620.	3.2	0
6	The Inclusion of Jujube By-Products in Animal Feed: A Review. Sustainability, 2022, 14, 7882.	3.2	8
7	Astragalus root extract improved average daily gain, immunity, antioxidant status and ruminal microbiota of early weaned yak calves. Journal of the Science of Food and Agriculture, 2021, 101, 82-90.	3.5	24
8	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. Journal of Hazardous Materials, 2021, 403, 123647.	12.4	10
9	Astragalus membranaceus root supplementation improves average daily gain, rumen fermentation, serum immunity and antioxidant indices of Tibetan sheep. Animal, 2021, 15, 100061.	3.3	15
10	Particle size reduction along the digestive tract of fat sand rats (Psammomys obesus) fed four chenopods. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2021, 191, 831-841.	1.5	3
11	Transcriptome Analysis Reveals Genes Involved in Thermogenesis in Two Cold-Exposed Sheep Breeds. Genes, 2021, 12, 375.	2.4	4
12	Seasonal dynamics of dietâ€“gut microbiota interaction in adaptation of yaks to life at high altitude. Npj Biofilms and Microbiomes, 2021, 7, 38.	6.4	76
13	Instability of decoupling livestock greenhouse gas emissions from economic growth in livestock products in the Tibetan highland. Journal of Environmental Management, 2021, 287, 112334.	7.8	12
14	Rumen Bacterial Community of Grazing Lactating Yaks (Poephagus grunniens) Supplemented with Concentrate Feed and/or Rumen-Protected Lysine and Methionine. Animals, 2021, 11, 2425.	2.3	8
15	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. Animal Feed Science and Technology, 2021, 279, 115024.	2.2	15
16	Impact of climate change on plant species richness across drylands in China: From past to present and into the future. Ecological Indicators, 2021, 132, 108288.	6.3	16
17	Effects of Management, Dietary Intake, and Genotype on Rumen Morphology, Fermentation, and Microbiota, and on Meat Quality in Yaks and Cattle. Frontiers in Nutrition, 2021, 8, 755255.	3.7	17
18	Astragalus membranaceus 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. Animals, 2021, 11, 3236.	2.3	6

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19	Presence frequency of plant species can predict spatial patterns of the species in small patches on the Qinghai-Tibetan Plateau. Global Ecology and Conservation, 2020, 21, e00888.	2.1	8
20	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. Animal Feed Science and Technology, 2020, 259, 114359.	2.2	18
21	Tibetan sheep have a high capacity to absorb and to regulate metabolism of SCFA in the rumen epithelium to adapt to low energy intake. British Journal of Nutrition, 2020, 123, 721-736.	2.3	22
22	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. Agriculture, Ecosystems and Environment, 2020, 302, 107080.	5.3	6
23	Resting and field metabolic rates of Awassi sheep and Baladi goats raised by Negev bedouin. Journal of Agricultural Science, 2020, 158, 431-437.	1.3	0
24	Longâ€term active restoration of extremely degraded alpine grassland accelerated turnover and increased stability of soil carbon. Global Change Biology, 2020, 26, 7217-7228.	9.5	34
25	Relative tail length correlates with body condition in male but not in female crowned leafnose snakes (Lytorhynchus diadema). Scientific Reports, 2020, 10, 4130.	3.3	8
26	Climate warming benefits alpine vegetation growth in Three-River Headwater Region, China. Science of the Total Environment, 2020, 742, 140574.	8.0	58
27	Carcass parameters and meat quality of Tibetan sheep and Smallâ€tailed Han sheep consuming diets of lowâ€protein content and different energy yields. Journal of Animal Physiology and Animal Nutrition, 2020, 104, 1010-1023.	2.2	15
28	The forb, Ajania tenuifolia, 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. Land Degradation and Development, 2020, 31, 1265-1276.	3.9	10
29	Sex differences in testosterone reactivity and sensitivity in a non-model gerbil. General and Comparative Endocrinology, 2020, 291, 113418.	1.8	4
30	Effect of air temperature on growth performance, apparent digestibilities, rumen fermentation and serum metabolites in Altay and Hu lambs. Journal of Animal Physiology and Animal Nutrition, 2020, 104, 1024-1033.	2.2	5
31	Moundâ€building ants increase the proportion of Gramineae in aboveâ€ground vegetation and the soil seed bank in alpine meadows. Journal of Vegetation Science, 2020, 31, 867-876.	2.2	5
32	An increase in dietary lipid content from different forms of doubleâ€low rapeseed reduces enteric methane emission in Datong yaks on the Qinghaiâ€Tibetan Plateau. Animal Science Journal, 2020, 91, e13489.	1.4	3
33	Changes in vegetation parameters and soil nutrients along degradation and recovery successions on alpine grasslands of the Tibetan plateau. Agriculture, Ecosystems and Environment, 2019, 284, 106593.	5.3	66
34	Adding heatâ€treated rapeseed to the diet of yak improves growth performance and tenderness and nutritional quality of the meat. Animal Science Journal, 2019, 90, 1177-1184.	1.4	14
35	Protective Effect of Resveratrol Improves Systemic Inflammation Responses in LPS-Injected Lambs. Animals, 2019, 9, 872.	2.3	18
36	Energy requirements, length of digestive tract compartments and body mass in six gerbilline rodents of the Negev Desert. Zoology, 2019, 137, 125715.	1.2	6

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37	Sexual dichromatisation and sexual differences in hunting behavior and dietary intake in a free-ranging small viperid snake, Cerastes vipera. Behavioural Processes, 2019, 168, 103960.	1.1	9
38	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. Animal Feed Science and Technology, 2019, 254, 114200.	2.2	14
39	The Changing Role of Camels among the Bedouin of the Negev. Human Ecology, 2019, 47, 193-204.	1.4	9
40	Tibetan sheep require less energy intake than small-tailed Han sheep for N balance when offered a low protein diet. Animal Feed Science and Technology, 2019, 248, 85-94.	2.2	19
41	Driving Factors That Reduce Soil Carbon, Sugar, and Microbial Biomass in Degraded Alpine Grasslands. Rangeland Ecology and Management, 2019, 72, 396-404.	2.3	9
42	Seasonal biotic and abiotic factors affecting hunting strategy in free-living Saharan sand vipers, Cerastes vipera. Behavioural Processes, 2017, 135, 40-44.	1.1	13
43	Activity and short-term impacts of dromedary camels (Camelus dromedarius) foraging on perennial coastal sand dune vegetation. Journal of Arid Environments, 2016, 133, 47-53.	2.4	4
44	Effects of parasite pressure on parasite mortality and reproductive output in a rodent-flea system: inferring host defense trade-offs. Parasitology Research, 2016, 115, 3337-3344.	1.6	2
45	Growth performance and hormonal status during feed restriction and compensatory growth of Small-Tail Han sheep in China. Small Ruminant Research, 2016, 144, 191-196.	1.2	9
46	Domestication of plants for sustainable agriculture in drylands: Experience from the Negev Desert. Arid Land Research and Management, 2016, 30, 209-228.	1.6	10
47	Urea kinetics and nitrogen balance and requirements for maintenance in Tibetan sheep when fed oat hay. Small Ruminant Research, 2015, 129, 60-68.	1.2	18
48	Effects of Family Size and Wealth on Size of Land Cultivated by Borana Pastoralists in Southern Ethiopia. Human Ecology, 2015, 43, 15-28.	1.4	14
49	A tradeâ€off between quantity and quality of offspring in haematophagous ectoparasites: the effect of the level of specialization. Journal of Animal Ecology, 2014, 83, 397-405.	2.8	22
50	Cattle Reduction and Livestock Diversification among Borana Pastoralists in Southern Ethiopia. Nomadic Peoples, 2014, 18, 115-145.	0.4	25
51	Phylogenetic structure of host spectra in Palaearctic fleas: stability versus spatial variation in widespread, generalist species. Parasitology, 2014, 141, 181-191.	1.5	3
52	Host reproductive status and reproductive performance of a parasite: offspring quality and trade-offs in a flea parasitic on a rodent. Parasitology, 2014, 141, 914-924.	1.5	2
53	Temporal activity and dietary selection in two coexisting desert snakes, the Saharan sand viper (Cerastes vipera) and the crowned leafnose (Lytorhynchus diadema). Zoology, 2013, 116, 113-117.	1.2	15
54	Reproductive cycle of free-living male Saharan sand vipers, Cerastes vipera (Viperidae) in the Negev desert, Israel. General and Comparative Endocrinology, 2012, 179, 241-247.	1.8	13

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55	Milk production of the dam limits the growth rate of Sundevall's jird (Meriones crassus) pups. Mammalian Biology, 2011, 76, 285-289.	1.5	5
56	Transformation of Borana from nomadic pastoralists to agropastoralists and shift of livestock from cattle to include more goats, camels and sheep in Southern Ethiopia. International Journal of Business and Globalisation, 2011, 6, 292.	0.2	10
57	Goat Production and Fodder Leaves Offered by Local Villagers in the Mid-Hills of Nepal. Human Ecology, 2010, 38, 625-637.	1.4	5
58	Cafeteria trials to determine relative preference of six desert trees and shrubs by sheep and goats. Livestock Science, 2010, 132, 19-25.	1.6	13
59	Energy intake, heat production and energy and nitrogen balances of sheep and goats fed wheat straw as a sole diet. Livestock Science, 2009, 125, 88-91.	1.6	20
60	Livestock Production among Urban Negev Bedouin. Outlook on Agriculture, 2009, 38, 327-335.	3.4	9
61	Effects of macroparasites on the energy allocation of reproducing small mammals. Frontiers of Biology in China: Selected Publications From Chinese Universities, 2008, 3, 123-130.	0.2	2
62	Livestock Trader Entrepreneurs among Urban Bedouin in the Negev Desert. International Journal of Entrepreneurship and Innovation, 2008, 9, 93-101.	2.3	7
63	Sheep and goat milk in pastoral societies. Small Ruminant Research, 2007, 68, 7-19.	1.2	84
64	Flock Use Among Bedouin in 'spontaneous' Settlements in The Negev Desert, Southern Israel. Nomadic Peoples, 2006, 10, 53-69.	0.4	15
65	Evaluation of saltgrass as a fodder crop for livestock. Journal of the Science of Food and Agriculture, 2005, 85, 2077-2084.	3.5	22
66	Dietary intake and time budget in two desert rodents: a diurnal herbivore, Psammomys obesus, and a nocturnal granivore, Meriones crassus. Mammalia, 2005, 69, .	0.7	10
67	Larval interspecific competition in two flea species parasitic on the same rodent host. Ecological Entomology, 2005, 30, 146-155.	2.2	53
68	Relationship between host diversity and parasite diversity: flea assemblages on small mammals. Journal of Biogeography, 2004, 31, 1857-1866.	3.0	70
69	Fitness consequences of host selection in ectoparasites: testing reproductive patterns predicted by isodar theory in fleas parasitizing rodents. Journal of Animal Ecology, 2004, 73, 815-820.	2.8	56
70	Flea species richness and parameters of host body, host geography and host â€˜milieuâ€™. Journal of Animal Ecology, 2004, 73, 1121-1128.	2.8	125
71	ENERGY REQUIREMENTS DURING REPRODUCTION IN FEMALE COMMON SPINY MICE (ACOMYS CAHIRINUS). Journal of Mammalogy, 2002, 83, 645-651.	1.3	21
72	Effect of air temperature and energy intake on body mass, body composition and energy requirements in sheep. Journal of Agricultural Science, 2002, 138, 221-226.	1.3	14

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73	Browse selection by Karakul sheep in relation to plant composition and estimated metabolizable energy content. Journal of Agricultural Science, 2002, 139, 353-358.	1.3	14
74	Effect of population density on water influx and distribution in the desert snailTrochoidea seetzenii. Ecoscience, 2002, 9, 287-292.	1.4	11
75	Growth Rate and Energetics of Arabian Babbler (Turdoides squamiceps) Nestlings. Auk, 2001, 118, 519-524.	1.4	5
76	Does Group Size Affect Field Metabolic Rate of Arabian Babbler (Turdoides squamiceps) Nestlings?. Auk, 2001, 118, 525-528.	1.4	0
77	Growth Rate and Energetics of Arabian Babbler (Turdoides squamiceps) Nestlings. Auk, 2001, 118, 519-524.	1.4	20
78	Does Group Size Affect Field Metabolic Rate of Arabian Babbler (Turdoides squamiceps) Nestlings?. Auk, 2001, 118, 525-528.	1.4	18
79	Fiber Digestion and Energy Utilization of Fat Sand Rats (Psammomys obesus) Consuming the ChenopodAnabasis articulata. Physiological and Biochemical Zoology, 2000, 73, 574-580.	1.5	21
80	Bedouin Households and Sheep Production in the Negev Desert, Israel. Nomadic Peoples, 2000, 4, 125-147.	0.4	18
81	GRANIVORY AND PLANT SELECTION BY DESERT GERBILS OF DIFFERENT BODY SIZE. Ecology, 1997, 78, 2218-2229.	3.2	30
82	Water Intake in Two Coexisting Desert Rodents, Acomys cahirinus and Gerbillus dasyurus. Journal of Mammalogy, 1992, 73, 201-206.	1.3	8
83	Field metabolic rates and water influxes of two sympatric Gerbillidae:Gerbillus allenbyi andG. pyramidum. Oecologia, 1992, 90, 586-590.	2.0	30
84	Diet selection and energy and water budgets of the common spiny mouse Acomys cahivinus. Journal of Zoology, 1991, 225, 285-292.	1.7	11
85	Average daily metabolic rate of gerbils of two species:Gerbillus pyramidumandGerbillus allenbyi. Journal of Zoology, 1991, 223, 143-149.	1.7	10
86	Efficiency of Use of Saltbush (Atriplex halimus) for Growth by Fat Sand Rats (Psammomys obesus). Journal of Mammalogy, 1989, 70, 485-493.	1.3	23
87	Ash and Electrolyte Intakes of the Fat Sand Rat, Psammomys obesus, Consuming Saltbush, Atriplex halimus, Containing Different Water Content. Physiological Zoology, 1988, 61, 137-141.	1.5	21