Abdulaziz N Alagaili

List of Publications by Year
in descending order

82 papers	2,134 citations	331670 21 h-index	254184 43 g-index
86 all docs	86 docs citations	86 times ranked	3380 citing authors

#	Article	IF	Citations
1	Middle East Respiratory Syndrome Coronavirus Infection in Dromedary Camels in Saudi Arabia. MBio, 2014, 5, e00884-14.	4.1	359
2	Correction to Middle East Respiratory Syndrome Coronavirus Infection in Dromedary Camels in Saudi Arabia. MBio, 2014, 5, .	4.1	209
3	Middle East Respiratory Syndrome Coronavirus Quasispecies That Include Homologues of Human Isolates Revealed through Whole-Genome Analysis and Virus Cultured from Dromedary Camels in Saudi Arabia. MBio, 2014, 5, e01146-14.	4.1	140
4	In contrast to many other mammals, cetaceans have relatively small hippocampi that appear to lack adult neurogenesis. Brain Structure and Function, 2015, 220, 361-383.	2.3	130
5	High Prevalence of MERS-CoV Infection in Camel Workers in Saudi Arabia. MBio, 2018, 9, .	4.1	97
6	Identification of animal movement patterns using tri-axial magnetometry. Movement Ecology, 2017, 5, 6.	2.8	96
7	Taking forward a â€˜One Healthâ€™ approach for turning the tide against the Middle East respiratory syndrome coronavirus and other zoonotic pathogens with epidemic potential. International Journal of Infectious Diseases, 2016, 47, 5-9.	3.3	81
8	Dogs Have the Most Neurons, Though Not the Largest Brain: Trade-Off between Body Mass and Number of Neurons in the Cerebral Cortex of Large Carnivoran Species. Frontiers in Neuroanatomy, 2017, 11, 118.	1.7	68
9	Molecular detection of novel Anaplasmataceae closely related to Anaplasma platys and Ehrlichia canis in the dromedary camel (Camelus dromedarius). Veterinary Microbiology, 2015, 179, 310-314.	1.9	64
10	On the origin of mongrels: evolutionary history of free-breeding dogs in Eurasia. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20152189.	2.6	43
11	Universal conventional and real-time PCR diagnosis tools for Sarcoptes scabiei. Parasites and Vectors, 2015, 8, 587.	2.5	39
12	Fossil herbivore stable isotopes reveal middle Pleistocene hominin palaeoenvironment in â€˜Green Arabiaâ€™. Nature Ecology and Evolution, 2018, 2, 1871-1878.	7.8	39
13	A viral metagenomic survey identifies known and novel mammalian viruses in bats from Saudi Arabia. PLoS ONE, 2019, 14, e0214227.	2.5	36
14	Coxiella burnetii, the causative agent of Q fever in Saudi Arabia: molecular detection from camel and other domestic livestock. Asian Pacific Journal of Tropical Medicine, 2014, 7, 715-719.	0.8	35
15	Infectious diseases epidemic threats and mass gatherings: refocusing global attention on the continuing spread of the Middle East Respiratory syndrome coronavirus (MERS-CoV). BMC Medicine, 2016, 14, 132.	5.5	34
16	Finding turningâ€points in ultraâ€highâ€resolution animal movement data. Methods in Ecology and Evolution, 2018, 9, 2091-2101.	5.2	29
17	Seasonal variations in sleep of free-ranging Arabian oryx (Oryx leucoryx) under natural hyperarid conditions. Sleep, 2018, 41, .	1.1	27
18	Development and validation of different indirect ELISAs for MERS-CoV serological testing. Journal of Immunological Methods, 2019, 466, 41-46.	1.4	26

#	Article	IF	Citations
19	Global Phylogeographic and Admixture Patterns in Grey Wolves and Genetic Legacy of An Ancient Siberian Lineage. Scientific Reports, 2019, 9, 17328.	3.3	26
20	Out of Africa, but how and when? The case of hamadryas baboons (Papio hamadryas). Journal of Human Evolution, 2014, 76, 154-164.	2.6	25
21	Seasonal reproduction in the Arabian spiny mouse, Acomys dimidiatus (Rodentia: Muridae) from Saudi Arabia: The role of rainfall and temperature. Journal of Arid Environments, 2016, 124, 352-359.	2.4	23
22	Temporal niche switching in Arabian oryx (Oryx leucoryx): Seasonal plasticity of 24 h activity patterns in a large desert mammal. Physiology and Behavior, 2017, 177, 148-154.	2.1	23
23	Nuclear organization of some immunohistochemically identifiable neural systems in two species of the Euarchontoglires: A Lagomorph, Lepus capensis , and a Scandentia, Tupaia belangeri. Journal of Chemical Neuroanatomy, 2015, 70, 1-19.	2.1	20
24	Nuclear organisation of some immunohistochemically identifiable neural systems in five species of insectivore â€"Crocidura cyanea, Crocidura olivieri, Sylvisorex ollula, Paraechinus aethiopicus and Atelerix frontalis. Journal of Chemical Neuroanatomy, 2016, 72, 34-52.	2.1	19
25	Waterpipe smoking as a public health risk: Potential risk for transmission of MERS-CoV. Saudi Journal of Biological Sciences, 2019, 26, 938-941.	3.8	19
26	Arabian Oryx (Oryx leucoryx) Respond to Increased Ambient Temperatures with a Seasonal Shift in the Timing of Their Daily Inactivity Patterns. Journal of Biological Rhythms, 2016, 31, 365-374.	2.6	18
27	Reproductive patterns in the Baluchistan gerbil, Gerbillus nanus (Rodentia: Muridae), from western Saudi Arabia: The role of rainfall and temperature. Journal of Arid Environments, 2015, 113, 87-94.	2.4	17
28	Orexinergic bouton density is lower in the cerebral cortex of cetaceans compared to artiodactyls. Journal of Chemical Neuroanatomy, 2015, 68, 61-76.	2.1	16
29	Humanâ€modified canids in humanâ€modified landscapes: The evolutionary consequences of hybridization for grey wolves and freeâ€ranging domestic dogs. Evolutionary Applications, 2021, 14, 2433-2456.	3.1	15
30	Diversifying Selection Between Pure-Breed and Free-Breeding Dogs Inferred from Genome-Wide SNP Analysis. G3: Genes, Genomes, Genetics, 2016, 6, 2285-2298.	1.8	14
31	The Distribution of Kiâ€67 and Doublecortin Immunopositive Cells in the Brains of Three Microchiropteran Species, Hipposideros fuliginosus, Triaenops persicus, and Asellia tridens. Anatomical Record, 2016, 299, 1548-1560.	1.4	14
32	The reproductive biology of the Ethiopian hedgehog, Paraechinus aethiopicus, from central Saudi Arabia: The role of rainfall and temperature. Journal of Arid Environments, 2017, 145, 1-9.	2.4	14
33	The comparative gastrointestinal morphology of five species of muroid rodents found in Saudi Arabia. Journal of Morphology, 2014, 275, 980-990.	1.2	13
34	Body temperature patterns of a small endotherm in an extreme desertÂenvironment. Journal of Arid Environments, 2017, 137, 16-20.	2.4	13
35	Gastrointestinal parasites and their prevalence in the Arabian red fox (Vulpes vulpes arabica) from the Kingdom of Saudi Arabia. Veterinary Parasitology, 2011, 180, 336-339.	1.8	12
36	Neurochemical organization and morphology of the sleep related nuclei in the brain of the Arabian oryx, Oryx leucoryx. Journal of Chemical Neuroanatomy, 2017, 81, 53-70.	2.1	12

#	Article	IF	Citations
37	First data on chigger mites (Acariformes: Trombiculidae) of Saudi Arabia, with a description of four new species. Systematic and Applied Acarology, 2019, 24, 1937-1963.	0.5	12
38	Torpor Patterns in Desert Hedgehogs (Paraechinus aethiopicus) Represent Another New Point along a Thermoregulatory Continuum. Physiological and Biochemical Zoology, 2017, 90, 445-452.	1.5	11
39	New insight into genetic variation and haplotype diversity of Fasciola hepatica from Algeria. Parasitology Research, 2019, 118, 1179-1192.	1.6	11
40	Cross-sectional prevalence study of MERS-CoV in local and imported dromedary camels in Saudi Arabia, 2016-2018. PLoS ONE, 2020, 15, e0232790.	2.5	11
41	Animal lifestyle affects acceptable mass limits for attached tags. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20212005.	2.6	11
42	A tale of two jirds: The locomotory activity patterns of the King jird (Meriones rex) and Lybian jird (Meriones lybicus) from Saudi Arabia. Journal of Arid Environments, 2013, 88, 102-112.	2.4	10
43	Ectoparasite fauna of rodents collected from two wildlife research centres in Saudi Arabia with discussion on the implications for disease transmission. Acta Tropica, 2015, 147, 1-5.	2.0	10
44	The distribution of mucous secreting cells in the gastrointestinal tracts of three small rodents from Saudi Arabia: Acomys dimidiatus , Meriones rex and Meriones libycus. Acta Histochemica, 2016, 118, 118-128.	1.8	10
45	The comparative gastrointestinal morphology of <scp>J</scp>aculus jaculus (Rodentia) and <scp>P</scp>araechinus aethiopicus (Erinaceomorpha). Journal of Morphology, 2016, 277, 671-679.	1.2	9
46	Middle East Respiratory Syndrome Coronavirus Seropositivity in Camel Handlers and Their Families, Pakistan. Emerging Infectious Diseases, 2019, 25, .	4.3	9
47	An â€œorientation sphereâ€•visualization for examining animal head movements. Ecology and Evolution, 2020, 10, 4291-4302.	1.9	9
48	Amplification of potential thermogenetic mechanisms in cetacean brains compared to artiodactyl brains. Scientific Reports, 2021, 11, 5486.	3.3	9
49	Phylogenetic and Demographic Insights into Kuhlâ€™s Pipistrelle, Pipistrellus kuhlii, in the Middle East. PLoS ONE, 2013, 8, e57306.	2.5	9
50	The pattern of reproduction in the Libyan jird (Meriones libycus; Rodentia: Muridae) from central Saudi Arabia in the absence of rainfall. Canadian Journal of Zoology, 2019, 97, 210-219.	1.0	8
51	Multilocus approach reveals discordant molecular markers and corridors for gene flow between North African populations of Fasciola hepatica. Veterinary Parasitology, 2020, 278, 109035.	1.8	8
52	Timing and Pattern of Molt in Kuhl's Bat,Pipistrellus kuhlii, in Saudi Arabia. Acta Chiropterologica, 2011, 13, 465-470.	0.6	7
53	Lights Out, Let's Move About: Locomotory Activity Patterns of Wagner's Gerbil from the Desert of Saudi Arabia. African Zoology, 2012, 47, 195-202.	0.4	7
54	A widespread problem: cryptic diversity in the Libyan jird. Zoological Studies, 2014, 53, .	0.3	7

#	Article	IF	Citations
55	The locomotory activity patterns of the arid-dwelling desert hedgehog, Paraechinus aethiopicus, from Saudi Arabia. Journal of Arid Environments, 2020, 177, 104141.	2.4	7
56	On the genetic diversity of spiny mice (genusAcomys) and gerbils (genusGerbillus) in the Arabian Peninsula. Zoology in the Middle East, 2013, 59, 283-288.	0.6	6
57	Down in the Wadi: The locomotory activity rhythm of the Arabian spiny mouse, Acomys dimidiatus from the Arabian Peninsula. Journal of Arid Environments, 2014, 102, 50-57.	2.4	6
58	Conservation in Saudi Arabia; moving from strategy to practice. Saudi Journal of Biological Sciences, 2018, 25, 290-292.	3.8	6
59	Molecular assessment of Bartonella in Gerbillus nanus from Saudi Arabia reveals high levels of prevalence, diversity and co-infection. Infection, Genetics and Evolution, 2018, 65, 244-250.	2.3	6
60	A comparative morphological and histological study of the gastrointestinal tract of four insectivorous bat species: Asellia tridens, Chaerephon pumilus, Nycteris thebaica, Rhinopoma hardwickii. Journal of Morphology, 2019, 280, 1106-1117.	1.2	6
61	Redescription of Eimeria dorcadis Mantovani, 1966 (Apicomplexa: Eimeriidae) from the dorcas gazelle (Gazella dorcas) in Saudi Arabia. Folia Parasitologica, 2012, 59, 27-31.	1.3	6
62	Lights out, letâ€™s move about: locomotory activity patterns of Wagnerâ€™s gerbil from the desert of Saudi Arabia. African Zoology, 2012, 47, 195-202.	0.4	5
63	Parasites of the Arabian Oryx (Oryx leucoryx, Pallas, 1777) and Their Prevalence in the Kingdom of Saudi Arabia. Comparative Parasitology, 2012, 79, 288-292.	0.4	5
64	Genotyping of Clostridium perfringens Isolates from Domestic Livestock in Saudi Arabia. BioMed Research International, 2020, 2020, 1-9.	1.9	5
65	Seroprevalence of Toxoplasma gondii in household and stray cats of Riyadh, Saudi Arabia. Veterinaria Italiana, 2019, 55, 241-245.	0.5	5
66	Automatic barcode gap discovery reveals diverse clades of Rhipicephalus spp. and Haemaphysalis spp. ticks from small mammals in 'Asir, Saudi Arabia. Parasites and Vectors, 2021, 14, 541.	2.5	5
67	Reply to â€œConcerns About Misinterpretation of Recent Scientific Data Implicating Dromedary Camels in Epidemiology of Middle East Respiratory Syndrome (MERS)â€. MBio, 2014, 5, e01482-14.	4.1	4
68	The hairy lizard: heterothermia affects anaesthetic requirements in the Arabian oryx (Oryx leucoryx). Veterinary Anaesthesia and Analgesia, 2017, 44, 899-904.	0.6	4
69	Epidemiology of enterotoxaemia in livestock in the Kingdom of Saudi Arabia. Journal of King Saud University - Science, 2020, 32, 2662-2668.	3.5	4
70	Molecular characterization of the nematode Heterakis gallinarum (Ascaridida: Heterakidae) infecting domestic chickens (Gallus gallus domesticus) in Tunisia. Turkish Journal of Veterinary and Animal Sciences, 2018, 42, 388-394.	0.5	3
71	Genetic variability of the Lessepsian migrant mussel Brachidontes pharaonis (Bivalvia: Mytilidae) in Tunisia. African Journal of Marine Science, 2018, 40, 211-217.	1.1	3
72	Unusual topographic specializations of retinal ganglion cell density and spatial resolution in a cliffâ€dwelling artiodactyl, the Nubian ibex (Capra nubiana). Journal of Comparative Neurology, 2019, 527, 2813-2825.	1.6	3

#	Article	IF	Citations
73	Now you see me, now you donâ€™t: The locomotory activity rhythm of the Asian garden dormouse (Eliomys melanurus) from Saudi Arabia. Mammalian Biology, 2014, 79, 195-201.	1.5	2
74	Molecular detection and characterization of Theileria sp. from hedgehogs (Paraechinus aethiopicus) in Saudi Arabia. Letters in Applied Microbiology, 2021, 72, 476-483.	2.2	2
75	Seasonality and climatic control of reproduction in wild-caught female Lesser Egyptian jerboa (Jaculus jaculus) from central Saudi Arabia. Journal of Arid Environments, 2021, 195, 104631.	2.4	2
76	Reference data of haematology and serum biochemistry in adult wild-caught Libyan jird (Meriones) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.5	1
77	Haematology and biochemistry panels in the Ethiopian hedgehog, Paraechinus aethiopicus (Ehrenberg,) Tj ETQq1 1 0.784314 rgBT /Ove and hibernation. Journal of King Saud University - Science, 2021, 33, 101228.	3.5	1
78	Genetic diversity of wild rodents and detection of Coxiella burnetii, the causative agent of Q fever, in Saudi Arabia. Veterinary Research Communications, 2022, 46, 769-780.	1.6	1
79	Title is missing!. , 2020, 15, e0232790.		0
80	Title is missing!. , 2020, 15, e0232790.		0
81	Title is missing!. , 2020, 15, e0232790.		0
82	Title is missing!. , 2020, 15, e0232790.		0