Anson V Koehler

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1595598/publications.pdf

Version: 2024-02-01

172457 123424 4,657 113 29 61 citations h-index g-index papers 113 113 113 7297 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	A multipronged nextâ€generation sequencing metabarcoding approach unearths hyperdiverse and abundant dog pathogen communities in Cambodia. Transboundary and Emerging Diseases, 2022, 69, 1933-1950.	3.0	15
2	A Perspective on the Molecular Identification, Classification, and Epidemiology of Enterocytozoon bieneusi of Animals. Experientia Supplementum (2012), 2022, 114, 389-415.	0.9	2
3	Enterocytozoon bieneusi of animals—With an â€~Australian twist'. Advances in Parasitology, 2021, 111, 1-73.	3.2	26
4	Detection of Breinlia sp. (Nematoda) in the Leadbeater's possum (Gymnobelideus leadbeateri). International Journal for Parasitology: Parasites and Wildlife, 2021, 15, 249-254.	1.5	3
5	Molecular detection of Strongyloides sp. in Australian Thoroughbred foals. Parasites and Vectors, 2021, 14, 444.	2.5	5
6	Cryptosporidium of birds in pet markets in Wuhan city, Hubei, China. Current Research in Parasitology and Vector-borne Diseases, 2021, 1, 100025.	1.9	3
7	Ocular Filariasis in Human Caused by <i>Breinlia</i> (<i>Johnstonema</i>) <i>annulipapillata</i> Nematode, Australia. Emerging Infectious Diseases, 2021, 27, 297-300.	4.3	4
8	Targeted Next-Generation Sequencing and Informatics as an Effective Tool to Establish the Composition of Bovine Piroplasm Populations in Endemic Regions. Microorganisms, 2021, 9, 21.	3.6	10
9	Phylogenetic relationships of the nematode subfamily Phascolostrongylinae from macropodid and vombatid marsupials inferred using mitochondrial protein sequence data. Parasites and Vectors, 2021, 14, 523.	2.5	2
10	Disseminated protozoal infection in a wild feathertail glider (Acrobates pygmaeus) in Australia. International Journal for Parasitology: Parasites and Wildlife, 2020, 13, 46-50.	1.5	1
11	Cryptosporidium cf. avium in an inland-bearded dragon (Pogona vitticeps) – A case report and review of the literature. International Journal for Parasitology: Parasites and Wildlife, 2020, 13, 150-159.	1.5	2
12	Natural Compounds from the Marine Brown Alga Caulocystis cephalornithos with Potent In Vitro-Activity against the Parasitic Nematode Haemonchus contortus. Pathogens, 2020, 9, 550.	2.8	17
13	Marked mitochondrial genetic variation in individuals and populations of the carcinogenic liver fluke Clonorchis sinensis. PLoS Neglected Tropical Diseases, 2020, 14, e0008480.	3.0	6
14	Phylogenetic Analysis of Mitogenomic Data Sets Resolves the Relationship of Seven Macropostrongyloides Species from Australian Macropodid and Vombatid Marsupials. Pathogens, 2020, 9, 1042.	2.8	5
15	Age of first infection across a range of parasite taxa in a wild mammalian population. Biology Letters, 2020, 16, 20190811.	2.3	16
16	Multiplex PCRs for the specific identification of marsupial and deer species from faecal samples as a basis for non-invasive epidemiological studies of parasites. Parasites and Vectors, 2020, 13, 144.	2.5	3
17	A Targeted "Next-Generation―Sequencing-Informatic Approach to Define Genetic Diversity in Theileria orientalis Populations within Individual Cattle: Proof-of-Principle. Pathogens, 2020, 9, 448.	2.8	6
18	Elucidating cryptic dynamics of <i>Theileria</i> communities in African buffalo using a highâ€throughput sequencing informatics approach. Ecology and Evolution, 2020, 10, 70-80.	1.9	19

#	Article	IF	CITATIONS
19	A Host-Specific Blocking Primer Combined with Optimal DNA Extraction Improves the Detection Capability of a Metabarcoding Protocol for Canine Vector-Borne Bacteria. Pathogens, 2020, 9, 258.	2.8	14
20	Use of Markers to Determine Cryptosporidium Genotypes for Epidemiology Tracking and Detection. Methods in Molecular Biology, 2020, 2052, 117-127.	0.9	2
21	Enterocytozoon bieneusi genotypes in cats and dogs in Victoria, Australia. BMC Microbiology, 2019, 19, 183.	3.3	22
22	Human toxocariasis – A look at a neglected disease through an epidemiological â€~prism'. Infection, Genetics and Evolution, 2019, 74, 104002.	2.3	76
23	Assessment of a metabarcoding approach for the characterisation of vector-borne bacteria in canines from Bangkok, Thailand. Parasites and Vectors, 2019, 12, 394.	2.5	29
24	A novel metabarcoding diagnostic tool to explore protozoan haemoparasite diversity in mammals: a proof-of-concept study using canines from the tropics. Scientific Reports, 2019, 9, 12644.	3.3	29
25	High throughput LC-MS/MS-based proteomic analysis of excretory-secretory products from short-term in vitro culture of Haemonchus contortus. Journal of Proteomics, 2019, 204, 103375.	2.4	44
26	Phenotypic screening of the †Kurz-box†of chemicals identifies two compounds (BLK127 and HBK4) with anthelmintic activity in vitro against parasitic larval stages of Haemonchus contortus. Parasites and Vectors, 2019, 12, 191.	2.5	10
27	Selected α-pyrones from the plants Cryptocarya novoguineensis (Lauraceae) and Piper methysticum (Piperaceae) with activity against Haemonchus contortus in vitro. International Journal for Parasitology: Drugs and Drug Resistance, 2019, 9, 72-79.	3.4	10
28	Somatic proteome of Haemonchus contortus. International Journal for Parasitology, 2019, 49, 311-320.	3.1	38
29	Comparative bioinformatic analysis suggests that specific dauer-like signalling pathway components regulate Toxocara canis development and migration in the mammalian host. Parasites and Vectors, 2019, 12, 32.	2.5	15
30	Tetrahydroquinoxalines induce a lethal evisceration phenotype in Haemonchus contortus in vitro. International Journal for Parasitology: Drugs and Drug Resistance, 2019, 9, 59-71.	3.4	15
31	<i>Enterocytozoon bieneusi</i> Journal of Eukaryotic Microbiology, 2019, 66, 553-559.	1.7	26
32	Phylogenetic relationships of three tribes of cloacinine nematodes (Strongylida: Chabertiidae) from macropodid marsupials. Journal of Helminthology, 2019, 93, 486-493.	1.0	3
33	An improved method for PCR-based detection and routine monitoring of geosmin-producing cyanobacterial blooms. Water Research, 2018, 136, 34-40.	11.3	20
34	First detection and genetic characterisation of Enterocytozoon bieneusi in wild deer in Melbourne's water catchments in Australia. Parasites and Vectors, 2018, 11, 2.	2.5	41
35	Parasites of the Giant Panda: A Risk Factor in the Conservation of a Species. Advances in Parasitology, 2018, 99, 1-33.	3.2	28
36	Cryptosporidium viatorum from the native Australian swamp rat Rattus lutreolus - An emerging zoonotic pathogen?. International Journal for Parasitology: Parasites and Wildlife, 2018, 7, 18-26.	1.5	33

#	Article	IF	CITATIONS
37	Using PCR-Based Sequencing to DiagnoseHaycocknema perplexumInfection in Human Myositis Case, Australia. Emerging Infectious Diseases, 2018, 24, 2368-2370.	4.3	5
38	PCR-coupled sequencing achieves specific diagnosis of onchocerciasis in a challenging clinical case, to underpin effective treatment and clinical management. Infection, Genetics and Evolution, 2018, 66, 192-194.	2.3	4
39	Molecular investigation of Cryptosporidium in farmed chickens in Hubei Province, China, identifies â€~zoonotic' subtypes of C. meleagridis. Parasites and Vectors, 2018, 11, 484.	2.5	31
40	First cross-sectional, molecular epidemiological survey of Cryptosporidium, Giardia and Enterocytozoon in alpaca (Vicugna pacos) in Australia. Parasites and Vectors, 2018, 11, 498.	2.5	25
41	The developmental lipidome of Haemonchus contortus. International Journal for Parasitology, 2018, 48, 887-895.	3.1	30
42	Molecular alterations during larval development of Haemonchus contortus in vitro are under tight post-transcriptional control. International Journal for Parasitology, 2018, 48, 763-772.	3.1	30
43	Arylpyrrole and fipronil analogues that inhibit the motility and/or development of Haemonchus contortus in vitro. International Journal for Parasitology: Drugs and Drug Resistance, 2018, 8, 379-385.	3.4	9
44	New operational taxonomic units of Enterocytozoon in three marsupial species. Parasites and Vectors, 2018, 11, 371.	2.5	20
45	Enterocytozoon bieneusi genotypes in people with gastrointestinal disorders in Queensland and Western Australia. Infection, Genetics and Evolution, 2018, 65, 293-299.	2.3	22
46	Mitochondrial genomic comparison of Clonorchis sinensis from South Korea with other isolates of this species. Infection, Genetics and Evolution, 2017, 51, 160-166.	2.3	13
47	Mitochondrial genomes of two Babesia taxa from sheep in China as a foundation for population genetic and epidemiological investigations. Infection, Genetics and Evolution, 2017, 47, 51-55.	2.3	6
48	Screening of the â€ [*] Open Scaffoldsâ€ [™] collection from Compounds Australia identifies a new chemical entity with anthelmintic activities against different developmental stages of the barber's pole worm and other parasitic nematodes. International Journal for Parasitology: Drugs and Drug Resistance, 2017, 7, 286-294.	3.4	33
49	First survey of Cryptosporidium, Giardia and Enterocytozoon in diarrhoeic children from Wuhan, China. Infection, Genetics and Evolution, 2017, 51, 127-131.	2.3	51
50	The apicoplast genomes of two taxonomic units of Babesia from sheep. Veterinary Parasitology, 2017, 233, 123-128.	1.8	10
51	The Beringian Coevolution Project: holistic collections of mammals and associated parasites reveal novel perspectives on evolutionary and environmental change in the North. Arctic Science, 2017, 3, 585-617.	2.3	50
52	A communal catalogue reveals Earth's multiscale microbial diversity. Nature, 2017, 551, 457-463.	27.8	1,942
53	Speciation in the genus <i>Cloacina</i> (Nematoda: Strongylida): species flocks and intra-host speciation. Parasitology, 2017, 144, 1828-1840.	1.5	8
54	Genetic diversity in the C-terminus of merozoite surface protein 1 among Plasmodium knowlesi isolates from Selangor and Sabah Borneo, Malaysia. Infection, Genetics and Evolution, 2017, 54, 39-46.	2.3	15

#	Article	IF	CITATIONS
55	Screening of a small, well-curated natural product-based library identifies two rotenoids with potent nematocidal activity against Haemonchus contortus. Veterinary Parasitology, 2017, 244, 172-175.	1.8	19
56	Phylogenetic analysis of the Australasian paralysis ticks and their relatives (Ixodidae: Ixodes:) Tj ETQq0 0 0 rgBT /	Overlock 1	10 Jf 50 702 1
57	Assessing the anthelmintic activity of pyrazole-5-carboxamide derivatives against Haemonchus contortus. Parasites and Vectors, 2017, 10, 272.	2.5	25
58	Application of PCR-Based Tools to Explore Strongyloides Infection in People in Parts of Northern Australia. Tropical Medicine and Infectious Disease, 2017, 2, 62.	2.3	15
59	Screening of the â€~Stasis Box' identifies two kinase inhibitors under pharmaceutical development with activity against Haemonchus contortus. Parasites and Vectors, 2017, 10, 323.	2.5	22
60	Use of a bioinformatic-assisted primer design strategy to establish a new nested PCR-based method for Cryptosporidium. Parasites and Vectors, 2017, 10, 509.	2.5	18
61	Molecular investigation of Cryptosporidium and Giardia in pre- and post-weaned calves in Hubei Province, China. Parasites and Vectors, 2017, 10, 519.	2.5	37
62	Pharyngostrongylus thylogale n. sp. (Nematoda: Strongylida) from the stomachs of macropodid marsupials defined by morphological and molecular criteria. Systematic Parasitology, 2016, 93, 749-760.	1.1	4
63	Molecular characterization of species of Cloacina (Strongyloidea: Cloacininae) from the common wallaroo, Macropus robustus (Marsupialia: Macropodidae) in Australia. Infection, Genetics and Evolution, 2016, 44, 245-253.	2.3	3
64	Is Cryptosporidium from the common wombat (Vombatus ursinus) a new species and distinct from Cryptosporidium ubiquitum?. Infection, Genetics and Evolution, 2016, 44, 28-33.	2.3	6
65	Genomic resources for a unique, low-virulence Babesia taxon from China. Parasites and Vectors, 2016, 9, 564.	2.5	17
66	More parasitic myositis cases in humans in Australia, and the definition of genetic markers for the causative agents as a basis for molecular diagnosis. Infection, Genetics and Evolution, 2016, 44, 69-75.	2.3	4
67	Cryptosporidium and Giardia taxa in faecal samples from animals in catchments supplying the city of Melbourne with drinking water (2011 to 2015). Parasites and Vectors, 2016, 9, 315.	2.5	48
68	Phylogenetic relationships of species of the oesophageal parasitic nematode genera Cyclostrongylus and Spirostrongylus (Strongyloidea: Chabertiidae: Cloacininae) with their wallaby hosts (Marsupialia:) Tj ETQq0 (0 02gBT /C	Overlock 10 Tf
69	Detection of cryptic species of Rugopharynx (Nematoda: Strongylida) from the stomachs of Australian macropodid marsupials. International Journal for Parasitology: Parasites and Wildlife, 2016, 5, 124-133.	1.5	12
70	Molecular analysis of Cryptosporidium from cattle from five states of Peninsular Malaysia. Molecular and Cellular Probes, 2016, 30, 39-43.	2.1	7
71	Genetic characterisation of Taenia multiceps cysts from ruminants in Greece. Infection, Genetics and Evolution, 2016, 38, 110-116.	2.3	18
72	Phylogenomic and biogeographic reconstruction of the Trichinella complex. Nature Communications, 2016, 7, 10513.	12.8	107

#	Article	IF	CITATIONS
73	The complement of family M1 aminopeptidases of Haemonchus contortus — Biotechnological implications. Biotechnology Advances, 2016, 34, 65-76.	11.7	8
74	Exploring molecular variation in Schistosoma japonicum in China. Scientific Reports, 2015, 5, 17345.	3.3	33
75	Detection of Cyclospora in captive chimpanzees and macaques by a quantitative PCR-based mutation scanning approach. Parasites and Vectors, 2015, 8, 274.	2.5	22
76	First Human Case of Fatal Halicephalobus gingivalis Meningoencephalitis in Australia. Journal of Clinical Microbiology, 2015, 53, 1768-1774.	3.9	19
77	The barber's pole worm CAP protein superfamily â€" A basis for fundamental discovery and biotechnology advances. Biotechnology Advances, 2015, 33, 1744-1754.	11.7	16
78	Molecular detection of Cyclospora in water, soil, vegetables and humans in southern Italy signals a need for improved monitoring by health authorities. International Journal of Food Microbiology, 2015, 211, 95-100.	4.7	41
79	Mitochondrial genome of Hypoderaeum conoideum – comparison with selected trematodes. Parasites and Vectors, 2015, 8, 97.	2.5	30
80	Genetic analysis of Giardia and Cryptosporidium from people in Northern Australia using PCR-based tools. Infection, Genetics and Evolution, 2015, 36, 389-395.	2.3	25
81	The phylogenetic relationships of endemic Australasian trichostrongylin families (Nematoda:) Tj ETQq1 1 0.7843	14 _{rg} BT/C	verlock 10 Ti
82	Cryptosporidium cuniculus - new records in human and kangaroo in Australia. Parasites and Vectors, 2014, 7, 492.	2.5	44
83	First genetic analysis of <i>Cryptosporidium</i> from humans from Tasmania, and identification of a new genotype from a traveller to Bali. Electrophoresis, 2014, 35, 2600-2607.	2.4	26
84	Giardia/giardiasis â€" A perspective on diagnostic and analytical tools. Biotechnology Advances, 2014, 32, 280-289.	11.7	73
85	Cryptosporidium parvum genotype Ila and Giardia duodenalis assemblage A in Mytilus galloprovincialis on sale at local food markets. International Journal of Food Microbiology, 2014, 171, 62-67.	4.7	33
86	Genetic variation within and among species of Cloacina (Strongyloidea: Cloacinine) from the swamp wallaby, Wallabia bicolor (Marsupialia: Macropodidae). Infection, Genetics and Evolution, 2014, 28, 261-269.	2.3	8
87	Mitochondrial genomes of Trichinella species and genotypes – a basis for diagnosis, and systematic and epidemiological explorations. International Journal for Parasitology, 2014, 44, 1073-1080.	3.1	40
88	Genetic identification of an oxyurid from a captive, black-handed spider monkey—implications for treatment and control. Parasitology Research, 2014, 113, 3445-3448.	1.6	5
89	Description of Cloacina atthis sp. nov. from the stomach of the euro (Macropus robustus) (Marsupialia: Macropodidae) from Western Australia based on morphological and molecular criteria. Parasitology Research, 2014, 113, 3485-3493.	1.6	11
90	First molecular characterization of Cryptosporidium and Giardia from bovines (Bos taurus and) Tj ETQq0 0 0 rgB1	T /Overlock 2.5	₹ 10 Tf 50 67 34

Vectors, 2014, 7, 75.

#	Article	IF	CITATIONS
91	Unexpected occurrence of Haemonchus placei in cattle in southern Western Australia. Infection, Genetics and Evolution, 2014, 21, 252-258.	2.3	11
92	Molecular-based investigation of Cryptosporidium and Giardia from animals in water catchments in southeastern Australia. Water Research, 2013, 47, 1726-1740.	11.3	65
93	Getting to the guts of the matter: The status and potential of  omics' research of parasitic protists of the human gastrointestinal system. International Journal for Parasitology, 2013, 43, 971-982.	3.1	11
94	Genetic characterization of selected parasites from people with histories of gastrointestinal disorders using a mutation scanningâ€coupled approach. Electrophoresis, 2013, 34, 1720-1728.	2.4	47
95	Assessing calves as carriers of <i>Cryptosporidium</i> and <i>Giardia</i> with zoonotic potential on dairy and beef farms within a water catchment area by mutation scanning. Electrophoresis, 2013, 34, 2259-2267.	2.4	21
96	Upstream-downstream gradient in infection levels by fish parasites: a common river pattern?. Parasitology, 2013, 140, 266-274.	1.5	33
97	Clone-specific immune reactions in a trematode-crustacean system. Parasitology, 2012, 139, 128-136.	1.5	9
98	Disentangling phylogenetic constraints from selective forces in the evolution of trematode transmission stages. Evolutionary Ecology, 2012, 26, 1497-1512.	1.2	30
99	Genetic and phenotypic influences on cloneâ€level success and host specialization in a generalist parasite. Journal of Evolutionary Biology, 2012, 25, 66-79.	1.7	15
100	Effects of wetland vs. landscape variables on parasite communities of <i>Rana pipiens </i> links to anthropogenic factors., 2011, 21, 1257-1271.		49
101	Genetic and environmental determinants of host use in the trematode Maritrema novaezealandensis (Microphallidae). Parasitology, 2011, 138, 100-106.	1.5	10
102	Intra- and interclonal phenotypic and genetic variability of the trematode Maritrema novaezealandensis. Biological Journal of the Linnean Society, 2011, 103, 106-116.	1.6	24
103	Variation of parasite load and immune parameters in two species of New Zealand shore crabs. Parasitology Research, 2011, 109, 759-767.	1.6	9
104	Host Partitioning by Parasites in an Intertidal Crustacean Community. Journal of Parasitology, 2010, 96, 862-868.	0.7	43
105	Avian influenza at both ends of a migratory flyway: characterizing viral genomic diversity to optimize surveillance plans for North America. Evolutionary Applications, 2009, 2, 457-468.	3.1	61
106	Trematode parasites of Otago Harbour (New Zealand) softâ€sediment intertidal ecosystems: Life cycles, ecological roles and DNA barcodes. New Zealand Journal of Marine and Freshwater Research, 2009, 43, 857-865.	2.0	67
107	A Molecular View of the Superfamily Dioctophymatoidea (Nematoda). Comparative Parasitology, 2009, 76, 100-104.	0.4	12
108	Permanent Genetic Resources added to Molecular Ecology Resources database 1 January 2009–30 April 2009. Molecular Ecology Resources, 2009, 9, 1375-1379.	4.8	64

#	Article	IF	CITATIONS
109	Genetic evidence of intercontinental movement of avian influenza in a migratory bird: the northern pintail (<i>Anas acuta</i>). Molecular Ecology, 2008, 17, 4754-4762.	3.9	135
110	Beringia: Intercontinental exchange and diversification of high latitude mammals and their parasites during the Pliocene and Quaternary. Mammal Study, 2005, 30, S33-S44.	0.6	81
111	Influence of Ribeiroia ondatrae (Trematoda: Digenea) infection on limb development and survival of northern leopard frogs (Rana pipiens): effects of host stage and parasite-exposure level. Canadian Journal of Zoology, 2003, 81, 1144-1153.	1.0	73
112	Phylogeography of a Holarctic nematode, Soboliphyme baturini, among mustelids: climate change, episodic colonization, and diversification in a complex host-parasite system. Biological Journal of the Linnean Society, 0, 96, 651-663.	1.6	26
113	<i>Citellinema</i> (Nematoda: Heligmosomidae) from North America with descriptions of two new species from the red squirrel <i>Tamiasciurus hudsonicus</i> and one from the Canadian Woodchuck, <i>Marmota monax</i> . Parasitology, 0, , 1-51.	1.5	0