

Sonja Matthee

List of Publications by Year in descending order

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77
papers

2,005
citations

331670

21
h-index

265206

42
g-index

79
all docs

79
docs citations

79
times ranked

2762
citing authors

#	ARTICLE	IF	CITATIONS
1	Bats host major mammalian paramyxoviruses. <i>Nature Communications</i> , 2012, 3, 796.	12.8	546
2	Evidence for Novel Hepaciviruses in Rodents. <i>PLoS Pathogens</i> , 2013, 9, e1003438.	4.7	187
3	Biome specificity of distinct genetic lineages within the four-striped mouse <i>Rhabdomys pumilio</i> (Rodentia: Muridae) from southern Africa with implications for taxonomy. <i>Molecular Phylogenetics and Evolution</i> , 2012, 65, 75-86.	2.7	74
4	Effects of precipitation on parasite burden along a natural climatic gradient in southern Africa - implications for possible shifts in infestation patterns due to global changes. <i>Oikos</i> , 2010, 119, 1029-1039.	2.7	61
5	EPIFAUNISTIC ARTHROPOD PARASITES OF THE FOUR-STRIPED MOUSE, RHABDOMYS PUMILIO, IN THE WESTERN CAPE PROVINCE, SOUTH AFRICA. <i>Journal of Parasitology</i> , 2007, 93, 47-59.	0.7	52
6	Co-occurrence of ectoparasites on rodent hosts: null model analyses of data from three continents. <i>Oikos</i> , 2010, 119, 120-128.	2.7	52
7	Biogeography and host-related factors trump parasite life history: limited congruence among the genetic structures of specific ectoparasitic lice and their rodent hosts. <i>Molecular Ecology</i> , 2013, 22, 5185-5204.	3.9	50
8	Effects of tectonics and large scale climatic changes on the evolutionary history of <i>Hyalomma</i> ticks. <i>Molecular Phylogenetics and Evolution</i> , 2017, 114, 153-165.	2.7	45
9	Life history strategy influences parasite responses to habitat fragmentation. <i>International Journal for Parasitology</i> , 2013, 43, 1109-1118.	3.1	44
10	Hantaviruses in Africa. <i>Virus Research</i> , 2014, 187, 34-42.	2.2	42
11	Helminths in horses : use of selective treatment for the control of strongyles. <i>Journal of the South African Veterinary Association</i> , 2004, 75, 129-36.	0.6	37
12	An introductory survey of helminth control practices in South Africa and anthelmintic resistance on Thoroughbred stud farms in the Western Cape Province. <i>Journal of the South African Veterinary Association</i> , 2002, 73, 195-200.	0.6	35
13	Impact of management interventions on helminth levels, and body and blood measurements in working donkeys in South Africa. <i>Veterinary Parasitology</i> , 2002, 107, 103-113.	1.8	34
14	Parasite-specific variation and the extent of male-biased parasitism; an example with a South African rodent and ectoparasitic arthropods. <i>Parasitology</i> , 2010, 137, 651-660.	1.5	34
15	PREVALENCE AND BIODIVERSITY OF HELMINTH PARASITES IN DONKEYS FROM SOUTH AFRICA. <i>Journal of Parasitology</i> , 2000, 86, 756.	0.7	32
16	Landscape characteristics influence helminth infestations in a peri-domestic rodent - implications for possible zoonotic disease. <i>Parasites and Vectors</i> , 2014, 7, 393.	2.5	29
17	A New Species of <i>Ixodes</i> (Acari: Ixodidae) From South African Mammals. <i>Journal of Parasitology</i> , 2011, 97, 389-398.	0.7	27
18	A COMPARISON OF THE INTESTINAL HELMINTH COMMUNITIES OF EQUIDAE IN SOUTHERN AFRICA. <i>Journal of Parasitology</i> , 2004, 90, 1263-1273.	0.7	24

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19	Searching for generality in the patterns of parasite abundance and distribution: Ectoparasites of a South African rodent, <i>Rhabdomys pumilio</i> . <i>International Journal for Parasitology</i> , 2009, 39, 781-788.	3.1	24
20	Spatial variation in gender-biased parasitism: host-related, parasite-related and environment-related effects. <i>Parasitology</i> , 2010, 137, 1527-1536.	1.5	24
21	Male hosts drive infracommunity structure of ectoparasites. <i>Oecologia</i> , 2011, 166, 1099-1110.	2.0	24
22	Comparative phylogeography between two generalist flea species reveal a complex interaction between parasite life history and host vicariance: parasite-host association matters. <i>BMC Evolutionary Biology</i> , 2015, 15, 105.	3.2	24
23	The Influence of Interspecific Competition and Host Preference on the Phylogeography of Two African Ixodid Tick Species. <i>PLoS ONE</i> , 2013, 8, e76930.	2.5	23
24	Limited dispersal in an ectoparasitic mite, <i>Laelaps giganteus</i> , contributes to significant phylogeographic congruence with the rodent host, <i>Rhabdomys</i> . <i>Molecular Ecology</i> , 2016, 25, 1006-1021.	3.9	22
25	Ixodid ticks on domestic dogs in the Northern Cape Province of South Africa and in Namibia : short communication. <i>Journal of the South African Veterinary Association</i> , 2010, 81, 126-128.	0.6	20
26	Range expansion of the economically important Asiatic blue tick, <i>Rhipicephalus microplus</i> , in South Africa. <i>Journal of the South African Veterinary Association</i> , 2017, 88, e1-e7.	0.6	18
27	Ectoparasite Diversity on Rodents at De Hoop Nature Reserve, Western Cape Province. <i>African Zoology</i> , 2010, 45, 213-224.	0.4	17
28	The effect of host vicariance and parasite life history on the dispersal of the multi-host ectoparasite, <i>Hyalomma truncatum</i> . <i>Journal of Biogeography</i> , 2017, 44, 1124-1136.	3.0	17
29	Parasites of domestic and wild animals in South Africa. XLIII. Ixodid ticks of domestic dogs and cats in the Western Cape Province. <i>Onderstepoort Journal of Veterinary Research</i> , 2003, 70, 187-95.	1.2	17
30	Evidence of cryptic speciation in mesostigmatid mites from South Africa. <i>Parasitology</i> , 2014, 141, 1322-1332.	1.5	16
31	New taxonomic and evolutionary insights relevant to the cat flea, <i>Ctenocephalides felis</i> : A geographic perspective. <i>Molecular Phylogenetics and Evolution</i> , 2021, 155, 106990.	2.7	16
32	Attempted molecular detection of the thermally dimorphic human fungal pathogen <i>Emergomyces africanus</i> in terrestrial small mammals in South Africa. <i>Medical Mycology</i> , 2018, 56, 510-513.	0.7	15
33	Comparative phylogeography of parasitic <i>Laelaps</i> mites contribute new insights into the specialist-generalist variation hypothesis (SGVH). <i>BMC Evolutionary Biology</i> , 2018, 18, 131.	3.2	15
34	EFFECT OF MANAGEMENT INTERVENTIONS ON THE HELMINTH PARASITES RECOVERED FROM DONKEYS IN SOUTH AFRICA. <i>Journal of Parasitology</i> , 2002, 88, 171-179.	0.7	14
35	Infracommunity dynamics of chiggers (Trombiculidae) parasitic on a rodent. <i>Parasitology</i> , 2015, 142, 1605-1611.	1.5	14
36	Helminth parasitism in two closely related South African rodents: abundance, prevalence, species richness and impinging factors. <i>Parasitology Research</i> , 2017, 116, 1395-1409.	1.6	14

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37	First record of the pantropical blue tick <i>Rhipicephalus microplus</i> in Namibia. <i>Experimental and Applied Acarology</i> , 2013, 61, 503-507.	1.6	13
38	Intra- and interspecific similarity in species composition of helminth communities in two closely-related rodents from South Africa. <i>Parasitology</i> , 2017, 144, 1211-1220.	1.5	13
39	<i>Rickettsia</i> diversity in southern Africa: A small mammal perspective. <i>Ticks and Tick-borne Diseases</i> , 2018, 9, 288-301.	2.7	13
40	The influence of life history characteristics on flea (Siphonaptera) species distribution models. <i>Parasites and Vectors</i> , 2016, 9, 178.	2.5	12
41	<i>Cylicocyclus asini</i> n. sp. (Nematoda: Cyathostominae) from donkeys <i>Equus asinus</i> in South Africa. <i>Systematic Parasitology</i> , 2002, 51, 29-35.	1.1	11
42	The sympatric occurrence of two genetically divergent lineages of sucking louse, <i>Polyplax arvicantis</i> (Phthiraptera: Anoplura), on the four-striped mouse genus, <i>Rhabdomys</i> (Rodentia: Muridae). <i>Parasitology</i> , 2013, 140, 604-616.	1.5	11
43	Remnant fragments within an agricultural matrix enhance conditions for a rodent host and its fleas. <i>Parasitology</i> , 2013, 140, 368-377.	1.5	11
44	<p class="Body">Six new and one little known species of chigger mites (Acariformes: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 To	0.5	11
45	The influence of life history and climate driven diversification on the mtDNA phylogeographic structures of two southern African <i>Mastomys</i> species (Rodentia: Muridae: Murinae). <i>Biological Journal of the Linnean Society</i> , 2015, 114, 58-68.	1.6	10
46	Community structure of fleas within and among populations of three closely related rodent hosts: nestedness and beta-diversity. <i>Parasitology</i> , 2016, 143, 1268-1278.	1.5	9
47	The evolutionary history of parasitic sucking lice and their rodent hosts: A case of evolutionary coâ€divergences. <i>Zoologica Scripta</i> , 2020, 49, 72-85.	1.7	9
48	The diversity and distribution of chigger mites associated with rodents in the South African savanna. <i>Parasitology</i> , 2020, 147, 1038-1047.	1.5	9
49	Anthelmintic treatment in horses : the extra-label use of products and the danger of under-dosing. <i>Journal of the South African Veterinary Association</i> , 2003, 74, 53-6.	0.6	8
50	Host range and distribution of small mammal fleas in <scp>S</scp>outh <scp>A</scp>frica, with a focus on species of medical and veterinary importance. <i>Medical and Veterinary Entomology</i> , 2017, 31, 402-413.	1.5	8
51	Viruses as indicators of contemporary host dispersal and phylogeography: an example of feline immunodeficiency virus (<scp>FIV</scp> _P _{le}) in freeâ€ranging African lion (<i>Panthera leo</i>). <i>Journal of Evolutionary Biology</i> , 2018, 31, 1529-1543.	1.7	8
52	Parasite diversity associated with African penguins (<i>Spheniscus demersus</i>) and the effect of host and environmental factors. <i>Parasitology</i> , 2019, 146, 791-804.	1.5	8
53	Ectoparasites of rodents in Southern Africa: a new species of <i>Androlaelaps</i> Berlese, 1903 (Acari: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 462 To	1.1	7
54	Ectoparasites of a non-indigenous warthog population, <i>Phacochoerus africanus</i>, in the Free State Province, South Africa. <i>African Zoology</i> , 2013, 48, 259-265.	0.4	7

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55	A genetic perspective on the taxonomy and evolution of the medically important flea, <i>Dinopsyllus ellobius</i> (Siphonaptera: Dinopsyllinae), and the resurrection of <i>Dinopsyllus abaris</i> . <i>Biological Journal of the Linnean Society</i> , 2015, 116, 541-557.	1.6	7
56	Community structure of helminth parasites in two closely related South African rodents differing in sociality and spatial behaviour. <i>Parasitology Research</i> , 2017, 116, 2299-2312.	1.6	7
57	Comparative mtDNA phylogeographic patterns reveal marked differences in population genetic structure between generalist and specialist ectoparasites of the African penguin (<i>Spheniscus</i>)	1.7	10
58	Morphometric analysis of the gastrointestinal tract of four African murid rodent species (<i>Rhabdomys dilectus</i> , <i>Rhabdomys pumilio</i> , <i>Aethomys chrysophilus</i> , and)	1.6	10
59	Nest-type associated microclimatic conditions as potential drivers of ectoparasite infestations in African penguin nests. <i>Parasitology Research</i> , 2020, 119, 3603-3616.	1.6	6
60	Ectoparasites of rodents in Southern Africa: two new species of <i>Laelaps</i> Koch, 1836 (Acari: Laelapidae) ectoparasitic on <i>Rhabdomys pumilio</i> (Sparrman) (Rodentia: Muridae). <i>Systematic Parasitology</i> , 2009, 73, 27-35.	1.1	5
61	Molecular systematics and evolutionary history of catenotaeniid cestodes (Cyclophyllidea). <i>Zoologica Scripta</i> , 2018, 47, 221-230.	1.7	5
62	Parasite counts or parasite incidences? Testing differences with four analyses of infracommunity modelling for seven parasite-host associations. <i>Parasitology Research</i> , 2021, 120, 2569-2584.	1.6	5
63	Flea diversity on small carnivores in the Northern Cape Province, South Africa. <i>African Zoology</i> , 2011, 46, 27-31.	0.4	4
64	Beta diversity of gastrointestinal helminths in two closely related South African rodents: species and site contributions. <i>Parasitology Research</i> , 2019, 118, 2863-2875.	1.6	4
65	A new species of <i>Schoutedenichia</i> Jadin & Vercammen-Grandjean, 1954 from Madagascar and a re-description of <i>S. dutoiti</i> (Radford, 1948) from South Africa (Acariformes: Trombiculidae). <i>Systematic Parasitology</i> , 2019, 96, 703-713.	1.1	4
66	The efficacy of a modified Berlese funnel method for the extraction of ectoparasites and their life stages from the nests of the African Penguin <i>Spheniscus demersus</i> . <i>Ostrich</i> , 2019, 90, 271-277.	1.1	4
67	Functional and phylogenetic uniqueness of helminth and flea assemblages of two South African rodents. <i>International Journal for Parasitology</i> , 2021, 51, 865-876.	3.1	4
68	Ectoparasites of a Non-Indigenous Warthog Population, <i>Phacochoerus africanus</i> , in the Free State Province, South Africa. <i>African Zoology</i> , 2013, 48, 259-265.	0.4	3
69	Comparative phylogeography between parasitic sucking lice and their host the Namaqua rock mouse, <i>Micaelamys namaquensis</i> (Rodentia: Muridae). <i>Zoological Journal of the Linnean Society</i> , 2021, 192, 1017-1028.	2.3	3
70	Diversity and distribution of ectoparasite taxa associated with <i>Micaelamys namaquensis</i> (Rodentia: Muridae), an opportunistic commensal rodent species in South Africa. <i>Parasitology</i> , 2022, 149, 1229-1248.	1.5	3
71	Nematodes and cestodes of rodents in South Africa: baseline data on diversity and geographic distribution. <i>Journal of Helminthology</i> , 2020, 94, e81.	1.0	2
72	Intercolony health evaluation of wild African penguins <i>Spheniscus demersus</i> , in relation to parasites, along the southwest coast of South Africa. <i>African Journal of Marine Science</i> , 2020, 42, 393-403.	1.1	2

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73	Two new species of the chigger mite genus <i>Tateracarus</i> (Acariformes: Trombiculidae). International Journal of Acarology, 2022, 48, 256-265.	0.7	2
74	Flea Diversity on Small Carnivores in the Northern Cape Province, South Africa. African Zoology, 2011, 46, 27-31.	0.4	1
75	Bartonellae of Synanthropic Four-Striped Mice (<i>Rhabdomys pumilio</i>) from the Western Cape Province, South Africa. Vector-Borne and Zoonotic Diseases, 2019, 19, 242-248.	1.5	1
76	Host phylogeny and ecology, but not host physiology, are the main drivers of (dis)similarity between the host spectra of fleas: application of a novel ordination approach to regional assemblages from four continents. Parasitology, 2022, 149, 124-137.	1.5	1
77	Two New Species of Sucking Lice (Phthiraptera: Anoplura: Hoplopleuridae and Polyplacidae) from Grant's Rock Mouse, <i>Micaelamys granti</i> , in South Africa. Journal of Parasitology, 2020, 106, 478.	0.7	1