

Konstans Wells

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7361216/publications.pdf>

Version: 2024-02-01

73
papers

4,340
citations

126901

33
h-index

114455

63
g-index

85
all docs

85
docs citations

85
times ranked

6597
citing authors

#	ARTICLE	IF	CITATIONS
1	Present and historical landscape structure shapes current species richness in Central European grasslands. <i>Landscape Ecology</i> , 2022, 37, 745-762.	4.2	9
2	Contrasting responses of above- and belowground diversity to multiple components of land-use intensity. <i>Nature Communications</i> , 2021, 12, 3918.	12.8	81
3	Optimizing noninvasive sampling of a zoonotic bat virus. <i>Ecology and Evolution</i> , 2021, 11, 12307-12321.	1.9	13
4	Global drivers of avian haemosporidian infections vary across zoogeographical regions. <i>Global Ecology and Biogeography</i> , 2021, 30, 2393-2406.	5.8	42
5	Challenges in modeling the emergence of novel pathogens. <i>Epidemics</i> , 2021, 37, 100516.	3.0	12
6	Challenges in modelling the dynamics of infectious diseases at the wildlife–human interface. <i>Epidemics</i> , 2021, 37, 100523.	3.0	20
7	Disruption of Metapopulation Structure Reduces Tasmanian Devil Facial Tumour Disease Spread at the Expense of Abundance and Genetic Diversity. <i>Pathogens</i> , 2021, 10, 1592.	2.8	2
8	Distinct spread of DNA and RNA viruses among mammals amid prominent role of domestic species. <i>Global Ecology and Biogeography</i> , 2020, 29, 470-481.	5.8	46
9	Description of <i>Sarcocystis scandentiborneensis</i> sp. nov. from treeshrews (<i>Tupaia minor</i> , <i>T. tana</i>) in northern Borneo with annotations on the utility of COI and 18S rDNA sequences for species delineation. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2020, 12, 220-231.	1.5	8
10	Whipworms of south-east Asian rodents are distinct from <i>Trichuris muris</i> . <i>Parasitology International</i> , 2020, 77, 102128.	1.3	2
11	Models of spatiotemporal variation in rabbit abundance reveal management hot spots for an invasive species. <i>Ecological Applications</i> , 2020, 30, e02083.	3.8	10
12	Disease control across urban–rural gradients. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20200775.	3.4	16
13	Global patterns in helminth host specificity: phylogenetic and functional diversity of regional host species pools matter. <i>Ecography</i> , 2019, 42, 416-427.	4.5	25
14	Synchronous shedding of multiple bat paramyxoviruses coincides with peak periods of Hendra virus spillover. <i>Emerging Microbes and Infections</i> , 2019, 8, 1314-1323.	6.5	49
15	Individual and temporal variation in pathogen load predicts long-term impacts of an emerging infectious disease. <i>Ecology</i> , 2019, 100, e02613.	3.2	33
16	Opsin genes of select treeshrews resolve ancestral character states within Scandentia. <i>Royal Society Open Science</i> , 2019, 6, 182037.	2.4	0
17	Host Specificity in Variable Environments. <i>Trends in Parasitology</i> , 2019, 35, 452-465.	3.3	56
18	The Australian National Rabbit Database: 50-yr of population monitoring of an invasive species. <i>Ecology</i> , 2019, 100, e02750.	3.2	10

#	ARTICLE	IF	CITATIONS
19	Extinction filters mediate the global effects of habitat fragmentation on animals. <i>Science</i> , 2019, 366, 1236-1239.	12.6	164
20	Climate variation influences host specificity in avian malaria parasites. <i>Ecology Letters</i> , 2019, 22, 547-557.	6.4	90
21	Eleven years' data of grassland management in Germany. <i>Biodiversity Data Journal</i> , 2019, 7, e36387.	0.8	32
22	Global spread of helminth parasites at the human-domestic animal-wildlife interface. <i>Global Change Biology</i> , 2018, 24, 3254-3265.	9.5	55
23	Interglacial refugia on tropical mountains: Novel insights from the summit rat (<i>Rattus</i>). <i>Journal of Biogeography</i> , 2018, 45, 1071-1086.	4.1	26
24	Climate, host phylogeny and the connectivity of host communities govern regional parasite assembly. <i>Diversity and Distributions</i> , 2018, 24, 13-23.	4.1	67
25	Unravelling changing interspecific interactions across environmental gradients using Markov random fields. <i>Ecology</i> , 2018, 99, 1277-1283.	3.2	51
26	Disentangling synergistic disease dynamics: Implications for the viral biocontrol of rabbits. <i>Journal of Animal Ecology</i> , 2018, 87, 1418-1428.	2.8	9
27	Parasite spread at the domestic animal - wildlife interface: anthropogenic habitat use, phylogeny and body mass drive risk of cat and dog flea (<i>Ctenocephalides</i> spp.) infestation in wild mammals. <i>Parasites and Vectors</i> , 2018, 11, 8.	2.5	64
28	Infection of the fittest: devil facial tumour disease has greatest effect on individuals with highest reproductive output. <i>Ecology Letters</i> , 2017, 20, 770-778.	6.4	50
29	The database of the PREDICTS (Projecting Responses of Ecological Diversity In Changing) Tj ETQq1 1 0.784314 rgBT /Overl	1.9	186
30	Targeting season and age for optimizing control of invasive rabbits. <i>Journal of Wildlife Management</i> , 2016, 80, 990-999.	1.8	8
31	Molecular phylogeny of South-East Asian arboreal murine rodents. <i>Zoologica Scripta</i> , 2016, 45, 349-364.	1.7	21
32	Tick exposure and extreme climate events impact survival and threaten the persistence of a long-lived lizard. <i>Journal of Animal Ecology</i> , 2016, 85, 598-610.	2.8	21
33	Environmental effects and individual body condition drive seasonal fecundity of rabbits: identifying acute and lagged processes. <i>Oecologia</i> , 2016, 181, 853-864.	2.0	28
34	Co-infections and environmental conditions drive the distributions of blood parasites in wild birds. <i>Journal of Animal Ecology</i> , 2016, 85, 1461-1470.	2.8	73
35	An efficient protocol for the global sensitivity analysis of stochastic ecological models. <i>Ecosphere</i> , 2016, 7, e01238.	2.2	55
36	Euarchontan Opsin Variation Brings New Focus to Primate Origins. <i>Molecular Biology and Evolution</i> , 2016, 33, 1029-1041.	8.9	22

#	ARTICLE	IF	CITATIONS
37	A Landscape Approach to Invasive Species Management. PLoS ONE, 2016, 11, e0160417.	2.5	19
38	Monophyletic clades of Macaranga-pollinating thrips show high specificity to taxonomic sections of host plants. Biological Journal of the Linnean Society, 2015, 116, 558-570.	1.6	2
39	Targeted Conservation to Safeguard a Biodiversity Hotspot from Climate and Land-Cover Change. Current Biology, 2015, 25, 372-378.	3.9	82
40	Timing and severity of immunizing diseases in rabbits is controlled by seasonal matching of host and pathogen dynamics. Journal of the Royal Society Interface, 2015, 12, 20141184.	3.4	26
41	Grassland management intensification weakens the associations among the diversities of multiple plant and animal taxa. Ecology, 2015, 96, 1492-1501.	3.2	75
42	The importance of parasite geography and spillover effects for global patterns of host-parasite associations in two invasive species. Diversity and Distributions, 2015, 21, 477-486.	4.1	46
43	Evolutionary origins of hepatitis A virus in small mammals. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15190-15195.	7.1	99
44	The PREDICTS database: a global database of how local terrestrial biodiversity responds to human impacts. Ecology and Evolution, 2014, 4, 4701-4735.	1.9	178
45	BIOFRAG - a new database for analyzing BIO diversity responses to forest FRAGMENTATION. Ecology and Evolution, 2014, 4, 1524-1537.	1.9	29
46	Population fluctuations affect inference in ecological networks of multi-species interactions. Oikos, 2014, 123, 589-598.	2.7	15
47	Shifts from native to invasive small mammals across gradients from tropical forest to urban habitat in Borneo. Biodiversity and Conservation, 2014, 23, 2289-2303.	2.6	36
48	Movement and ranging patterns of the Common Chaffinch in heterogeneous forest landscapes. PeerJ, 2014, 2, e368.	2.0	3
49	High plant species richness indicates management-related disturbances rather than the conservation status of forests. Basic and Applied Ecology, 2013, 14, 496-505.	2.7	102
50	Spatio-temporal dynamics in waterbirds during the non-breeding season: Effects of local movements, migration and weather are monthly, not yearly. Basic and Applied Ecology, 2013, 14, 523-531.	2.7	3
51	Interacting effects of fertilization, mowing and grazing on plant species diversity of 1500 grasslands in Germany differ between regions. Basic and Applied Ecology, 2013, 14, 126-136.	2.7	177
52	Species interactions: estimating per-individual interaction strength and covariates before simplifying data into species ecological networks. Methods in Ecology and Evolution, 2013, 4, 1-8.	5.2	28
53	Inferring host specificity and network formation through agent-based models: tick-mammal interactions in Borneo. Oecologia, 2013, 172, 307-316.	2.0	25
54	Variable Strength of Forest Stand Attributes and Weather Conditions on the Questing Activity of Ixodes ricinus Ticks over Years in Managed Forests. PLoS ONE, 2013, 8, e55365.	2.5	13

#	ARTICLE	IF	CITATIONS
55	Environmental Factors Affect Acidobacterial Communities below the Subgroup Level in Grassland and Forest Soils. <i>Applied and Environmental Microbiology</i> , 2012, 78, 7398-7406.	3.1	272
56	Trait-dependent occupancy dynamics of birds in temperate forest landscapes: fine-scale observations in a hierarchical multi-species framework. <i>Animal Conservation</i> , 2012, 15, 626-637.	2.9	4
57	Ectoparasite infestation patterns of domestic dogs in suburban and rural areas in Borneo. <i>Parasitology Research</i> , 2012, 111, 909-919.	1.6	13
58	Bartonella and Rickettsia in arthropods from the Lao PDR and from Borneo, Malaysia. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2012, 35, 51-57.	1.6	39
59	A quantitative index of land-use intensity in grasslands: Integrating mowing, grazing and fertilization. <i>Basic and Applied Ecology</i> , 2012, 13, 207-220.	2.7	325
60	Top-Down Control of Herbivory by Birds and Bats in the Canopy of Temperate Broad-Leaved Oaks (<i>Quercus robur</i>). <i>PLoS ONE</i> , 2011, 6, e17857.	2.5	69
61	Pitchers of <i>Nepenthes rajah</i> collect faecal droppings from both diurnal and nocturnal small mammals and emit fruity odour. <i>Journal of Tropical Ecology</i> , 2011, 27, 347-353.	1.1	22
62	Host specificity and niche partitioning in flea-small mammal networks in Bornean rainforests. <i>Medical and Veterinary Entomology</i> , 2011, 25, 311-319.	1.5	15
63	Local and landscape-scale forest attributes differ in their impact on bird assemblages across years in forest production landscapes. <i>Basic and Applied Ecology</i> , 2011, 12, 97-106.	2.7	22
64	Implementing large-scale and long-term functional biodiversity research: The Biodiversity Exploratories. <i>Basic and Applied Ecology</i> , 2010, 11, 473-485.	2.7	649
65	Diverse MHC IIB allele repertoire increases parasite resistance and body condition in the Long-tailed giant rat (<i>Leopoldamys sabanus</i>). <i>BMC Evolutionary Biology</i> , 2009, 9, 269.	3.2	54
66	Ectoparasite Infestations of Hedgehogs (<i>Erinaceus europaeus</i>) are Associated with Small-Scale Landscape Structures in an Urban-Suburban Environment. <i>EcoHealth</i> , 2009, 6, 404-413.	2.0	24
67	Superb fairy-wren males aggregate into hidden leks to solicit extragroup fertilizations before dawn. <i>Behavioral Ecology</i> , 2009, 20, 501-510.	2.2	45
68	Seed consumption by small mammals from Borneo. <i>Journal of Tropical Ecology</i> , 2009, 25, 555-558.	1.1	24
69	Movement and ranging patterns of a tropical rat (<i>Leopoldamys sabanus</i>) in logged and unlogged rain forests. <i>Journal of Mammalogy</i> , 2008, 89, 712-720.	1.3	11
70	Impact of rain-forest logging on helminth assemblages in small mammals (Muridae, Tupaiidae) from Borneo. <i>Journal of Tropical Ecology</i> , 2007, 23, 35-43.	1.1	36
71	Effects of rain forest logging on species richness and assemblage composition of small mammals in Southeast Asia. <i>Journal of Biogeography</i> , 2007, 34, 1087-1099.	3.0	82
72	Movement trajectories and habitat partitioning of small mammals in logged and unlogged rain forests on Borneo. <i>Journal of Animal Ecology</i> , 2006, 75, 1212-1223.	2.8	42

#	ARTICLE	IF	CITATIONS
73	Use of arboreal and terrestrial space by a small mammal community in a tropical rain forest in Borneo, Malaysia. <i>Journal of Biogeography</i> , 2004, 31, 641-652.	3.0	156