

Volker H W Rudolf

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

5,893
citations

94433

37
h-index

79698

73
g-index

81
all docs

81
docs citations

81
times ranked

7069
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature and nutrient conditions modify the effects of phenological shifts in predator–prey communities. <i>Ecology</i> , 2022, 103, e3704.	3.2	5
2	Ontogenetic development underlies population response to mortality. <i>Oikos</i> , 2021, 130, 464-475.	2.7	0
3	Broadening the ecology of fear: non-lethal effects arise from diverse responses to predation and parasitism. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20202966.	2.6	27
4	Experimental evidence that local interactions select against selfish behaviour. <i>Ecology Letters</i> , 2021, 24, 1187-1192.	6.4	2
5	Ontogenetic diversity buffers communities against consequences of species loss. <i>Journal of Animal Ecology</i> , 2021, 90, 1492-1504.	2.8	4
6	Developmental Change in Predators Drives Different Community Configurations. <i>American Naturalist</i> , 2021, 197, 719-731.	2.1	3
7	Night warming alters mean warming effects on predator–prey interactions by modifying predator demographics and interaction strengths. <i>Functional Ecology</i> , 2021, 35, 2094-2107.	3.6	6
8	Climate warming promotes pesticide resistance through expanding overwintering range of a global pest. <i>Nature Communications</i> , 2021, 12, 5351.	12.8	69
9	Sex differences in disease avoidance behavior vary across modes of pathogen exposure. <i>Ethology</i> , 2020, 126, 304-312.	1.1	11
10	A multivariate approach reveals diversity of ontogenetic niche shifts across taxonomic and functional groups. <i>Freshwater Biology</i> , 2020, 65, 745-756.	2.4	11
11	Within-host priority effects and epidemic timing determine outbreak severity in co-infected populations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200046.	2.6	25
12	Shifts in phenological mean and synchrony interact to shape competitive outcomes. <i>Ecology</i> , 2019, 100, e02826.	3.2	33
13	The role of seasonal timing and phenological shifts for species coexistence. <i>Ecology Letters</i> , 2019, 22, 1324-1338.	6.4	97
14	Opportunities for behavioral rescue under rapid environmental change. <i>Global Change Biology</i> , 2019, 25, 3110-3120.	9.5	53
15	Phenotype-Environment Matching Predicts Both Positive and Negative Effects of Intraspecific Variation. <i>American Naturalist</i> , 2019, 194, 47-58.	2.1	8
16	Within-Host Priority Effects Systematically Alter Pathogen Coexistence. <i>American Naturalist</i> , 2019, 193, 187-199.	2.1	44
17	Priority effects within coinfecting hosts can drive unexpected population-scale patterns of parasite prevalence. <i>Oikos</i> , 2019, 128, 571-583.	2.7	32
18	Social context alters host behavior and infection risk. <i>Behavioral Ecology</i> , 2018, 29, 869-875.	2.2	7

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19	Queen presence mediates the relationship between collective behaviour and disease susceptibility in ant colonies. <i>Journal of Animal Ecology</i> , 2018, 87, 379-387.	2.8	19
20	Resolving biological impacts of multiple heat waves: interaction of hot and recovery days. <i>Oikos</i> , 2018, 127, 622-633.	2.7	52
21	Resource limitation alters effects of phenological shifts on inter-specific competition. <i>Oecologia</i> , 2018, 188, 515-523.	2.0	15
22	Drivers of individual niche variation in coexisting species. <i>Journal of Animal Ecology</i> , 2018, 87, 1452-1464.	2.8	53
23	Shifts in phenological distributions reshape interaction potential in natural communities. <i>Ecology Letters</i> , 2018, 21, 1143-1151.	6.4	64
24	Prey Limitation Drives Variation in Allometric Scaling of Predator-Prey Interactions. <i>American Naturalist</i> , 2018, 192, E139-E149.	2.1	24
25	Nonlinear effects of phenological shifts link interannual variation to species interactions. <i>Journal of Animal Ecology</i> , 2018, 87, 1395-1406.	2.8	25
26	Trophic structure alters consequences of environmental warming. <i>Oikos</i> , 2018, 127, 1646-1656.	2.7	17
27	Legacy effects of developmental stages determine the functional role of predators. <i>Nature Ecology and Evolution</i> , 2017, 1, 38.	7.8	10
28	Cannibalism and Intraguild Predation Community Dynamics: Coexistence, Competitive Exclusion, and the Loss of Alternative Stable States. <i>American Naturalist</i> , 2017, 190, 617-630.	2.1	15
29	Cannibalism and Infectious Disease: Friends or Foes?. <i>American Naturalist</i> , 2017, 190, 299-312.	2.1	24
30	Top predators determine how biodiversity is partitioned across time and space. <i>Ecology Letters</i> , 2017, 20, 1004-1013.	6.4	29
31	Deadly competition and life-saving predation: the potential for alternative stable states in a stage-structured predator-prey system. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20161546.	2.6	13
32	Individual and combined effects of two types of phenological shifts on predator-prey interactions. <i>Ecology</i> , 2016, 97, 3414-3421.	3.2	20
33	Giant cannibals drive selection for inducible defence in heterospecific prey. <i>Biological Journal of the Linnean Society</i> , 2016, , .	1.6	2
34	Carryover effects drive competitive dominance in spatially structured environments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 6939-6944.	7.1	25
35	Intraspecific trait variation and colonization sequence alter community assembly and disease epidemics. <i>Oikos</i> , 2016, 125, 229-236.	2.7	8
36	Phenological synchronization drives demographic rates of populations. <i>Ecology</i> , 2015, 96, 1754-1760.	3.2	23

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37	Habitat-mediated carry-over effects lead to context-dependent outcomes of species interactions. <i>Journal of Animal Ecology</i> , 2015, 84, 1646-1656.	2.8	10
38	Stage-specific heat effects: timing and duration of heat waves alter demographic rates of a global insect pest. <i>Oecologia</i> , 2015, 179, 947-957.	2.0	76
39	Extreme temperature events alter demographic rates, relative fitness, and community structure. <i>Global Change Biology</i> , 2015, 21, 1794-1808.	9.5	127
40	Linking phenological shifts to species interactions through size-mediated priority effects. <i>Journal of Animal Ecology</i> , 2014, 83, 1206-1215.	2.8	73
41	Resolving the roles of body size and species identity in driving functional diversity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20133203.	2.6	59
42	Allometric scaling of indirect effects: body size ratios predict non-consumptive effects in multi-predator systems. <i>Journal of Animal Ecology</i> , 2014, 83, 1461-1468.	2.8	19
43	Intraspecific priority effects and disease interact to alter population growth. <i>Ecology</i> , 2014, 95, 3354-3363.	3.2	9
44	Disentangling climate change effects on species interactions: effects of temperature, phenological shifts, and body size. <i>Oecologia</i> , 2013, 173, 1043-1052.	2.0	37
45	Population structure determines functional differences among species and ecosystem processes. <i>Nature Communications</i> , 2013, 4, 2318.	12.8	88
46	Ghosts of Habitats Past: Environmental Carry-Over Effects Drive Population Dynamics in Novel Habitat. <i>American Naturalist</i> , 2013, 181, 596-608.	2.1	48
47	Ontogenetic functional diversity: Size structure of a keystone predator drives functioning of a complex ecosystem. <i>Ecology</i> , 2013, 94, 1046-1056.	3.2	103
48	Mating status and kin recognition influence the strength of cannibalism. <i>Animal Behaviour</i> , 2013, 85, 365-369.	1.9	29
49	Trait-mediated indirect interactions in size-structured populations. , 2012, , 69-88.		3
50	Life history predicts risk of species decline in a stochastic world. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 2691-2697.	2.6	25
51	Seasonal shifts in predator body size diversity and trophic interactions in size-structured predator-prey systems. <i>Journal of Animal Ecology</i> , 2012, 81, 524-532.	2.8	45
52	Impact of life stage specific immune priming on invertebrate disease dynamics. <i>Oikos</i> , 2012, 121, 1083-1092.	2.7	53
53	Eco-Evolutionary Dynamics Enable Coexistence via Neighbor-Dependent Selection. <i>American Naturalist</i> , 2011, 178, E96-E109.	2.1	123
54	Why intraspecific trait variation matters in community ecology. <i>Trends in Ecology and Evolution</i> , 2011, 26, 183-192.	8.7	1,809

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55	Thinking inside the box: community-level consequences of stage-structured populations. <i>Trends in Ecology and Evolution</i> , 2011, 26, 457-466.	8.7	187
56	Effects of size structure and habitat complexity on predator-prey interactions. <i>Ecological Entomology</i> , 2011, 36, 744-750.	2.2	17
57	Stage structure alters how complexity affects stability of ecological networks. <i>Ecology Letters</i> , 2011, 14, 75-79.	6.4	146
58	Phenology, ontogeny and the effects of climate change on the timing of species interactions. <i>Ecology Letters</i> , 2010, 13, 1-10.	6.4	477
59	Cannibals in Space: The Coevolution of Cannibalism and Dispersal in Spatially Structured Populations. <i>American Naturalist</i> , 2010, 175, 513-524.	2.1	46
60	Challenges of metamorphosis in invertebrate hosts: maintaining parasite resistance across life-history stages. <i>Ecological Entomology</i> , 2010, 35, 200-205.	2.2	51
61	Evolution of sexual size monomorphism: the influence of passive mate guarding. <i>Journal of Evolutionary Biology</i> , 2009, 22, 1376-1386.	1.7	41
62	Emergent impacts of cannibalism and size refuges in prey on intraguild predation systems. <i>Oecologia</i> , 2008, 157, 675-686.	2.0	50
63	THE IMPACT OF CANNIBALISM IN THE PREY ON PREDATOR-PREY SYSTEMS. <i>Ecology</i> , 2008, 89, 3116-3127.	3.2	57
64	Crossing habitat boundaries: coupling dynamics of ecosystems through complex life cycles. <i>Ecology Letters</i> , 2008, 11, 576-587.	6.4	131
65	Consequences of size structure in the prey for predator-prey dynamics: the composite functional response. <i>Journal of Animal Ecology</i> , 2008, 77, 520-528.	2.8	45
66	IMPACT OF CANNIBALISM ON PREDATOR-PREY DYNAMICS: SIZE-STRUCTURED INTERACTIONS AND APPARENT MUTUALISM. <i>Ecology</i> , 2008, 89, 1650-1660.	3.2	67
67	Evolution by Any Other Name: Antibiotic Resistance and Avoidance of the E-Word. <i>PLoS Biology</i> , 2007, 5, e30.	5.6	52
68	Disease transmission by cannibalism: rare event or common occurrence?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 1205-1210.	2.6	72
69	CONSEQUENCES OF STAGE-STRUCTURED PREDATORS: CANNIBALISM, BEHAVIORAL EFFECTS, AND TROPHIC CASCADES. <i>Ecology</i> , 2007, 88, 2991-3003.	3.2	98
70	Responses of larval dragonflies to conspecific and heterospecific predator cues. <i>Ecological Entomology</i> , 2007, 32, 283-288.	2.2	30
71	THE INTERACTION OF CANNIBALISM AND OMNIVORY: CONSEQUENCES FOR COMMUNITY DYNAMICS. <i>Ecology</i> , 2007, 88, 2697-2705.	3.2	136
72	Phenotypic plasticity and optimal timing of metamorphosis under uncertain time constraints. <i>Evolutionary Ecology</i> , 2007, 21, 121-142.	1.2	74

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73	Life-History Evolution in Uncertain Environments: Bet Hedging in Time. <i>American Naturalist</i> , 2006, 168, 398-411.	2.1	124
74	THE INFLUENCE OF SIZE-SPECIFIC INDIRECT INTERACTIONS IN PREDATOR-PREY SYSTEMS. <i>Ecology</i> , 2006, 87, 362-371.	3.2	79
75	Life-History Evolution in Uncertain Environments: Bet Hedging in Time. <i>American Naturalist</i> , 2006, 168, 398.	2.1	7
76	Oviposition site selection in a complex and variable environment: the role of habitat quality and conspecific cues. <i>Oecologia</i> , 2005, 142, 316-325.	2.0	131
77	Species Coexistence and Pathogens with Frequency-Dependent Transmission. <i>American Naturalist</i> , 2005, 166, 112-118.	2.1	149
78	A Review of West African Spotted Kassina, Including a Description of <i>Kassina schioetzi</i> sp. nov. (Amphibia: Anura: Hyperoliidae). <i>Copeia</i> , 2002, 2002, 800-814.	1.3	7