

# Bram J Vanschoenwinkel

## List of Publications by Year in descending order

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Version: 2024-02-01

89  
papers

3,112  
citations

186265

28  
h-index

175258

52  
g-index

92  
all docs

92  
docs citations

92  
times ranked

3039  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pesticide sensitivity of <i>Nothobranchius neumanni</i> , a temporary pond predator with a non-generic life-history. <i>Chemosphere</i> , 2022, 291, 132823.	8.2	12
2	Large branchiopods. , 2022, , 273-305.		4
3	Highway(s) overhead: Strong differences in wetland connectivity and protected status challenge waterbird migration along the four Palearcticâ€Afrotropical flyways. <i>Diversity and Distributions</i> , 2022, 28, 1067-1080.	4.1	3
4	Accounting for temporal change in multiple biodiversity patterns improves the inference of metacommunity processes. <i>Ecology</i> , 2022, 103, e3683.	3.2	17
5	The role of anthropogenic container habitats as mosquito oviposition habitats in rural settlements in northern Tanzania. <i>Journal of Vector Ecology</i> , 2022, 47, .	1.0	1
6	Direct effects of elevated dissolved CO2 can alter the life history of freshwater zooplankton. <i>Scientific Reports</i> , 2022, 12, 6134.	3.3	3
7	Mangrove dispersal disrupted by projected changes in global seawater density. <i>Nature Climate Change</i> , 2022, 12, 685-691.	18.8	16
8	Mapping microhabitat structure and connectivity on a tropical inselberg using UAV remote sensing. <i>Progress in Physical Geography</i> , 2021, 45, 427-445.	3.2	9
9	Climatic control of mat vegetation communities on inselberg archipelagos in south-eastern Brazil. <i>Biological Journal of the Linnean Society</i> , 2021, 133, 604-623.	1.6	12
10	Habitat isolation and the cues of three remote predators differentially modulate prey colonization dynamics in pond landscapes. <i>Oecologia</i> , 2021, 196, 1027-1038.	2.0	1
11	An empirical confirmation of diversified bet hedging as a survival strategy in unpredictably varying environments. <i>Ecology</i> , 2021, 102, e03496.	3.2	9
12	Contrasting biodiversity and food web structure of three temporary freshwater habitats in a tropical biodiversity hotspot. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 2603-2620.	2.0	3
13	Odorant-binding proteins in canine anal sac glands indicate an evolutionarily conserved role in mammalian chemical communication. <i>Bmc Ecology and Evolution</i> , 2021, 21, 182.	1.6	6
14	We should not necessarily expect positive relationships between biodiversity and ecosystem functioning in observational field data. <i>Ecology Letters</i> , 2021, 24, 2537-2548.	6.4	64
15	Keep your natural enemies close â€“ native predators can maintain low mosquito densities in temporary ponds in a malaria expansion area in Northern Tanzania. <i>Science of the Total Environment</i> , 2021, 794, 148606.	8.0	6
16	An empirical test of the impact of drying events and physical disturbance on wind erosion of zooplankton egg banks in temporary ponds. <i>Aquatic Ecology</i> , 2020, 54, 137-144.	1.5	12
17	Where does land use matter most? Contrasting land use effects on river quality at different spatial scales. <i>Science of the Total Environment</i> , 2020, 715, 134825.	8.0	26
18	Mountains and rocky outcrops as ecological refuges in a high biodiversity working landscape. <i>Biological Conservation</i> , 2020, 250, 108759.	4.1	7

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19	A process-based metacommunity framework linking local and regional scale community ecology. <i>Ecology Letters</i> , 2020, 23, 1314-1329.	6.4	193
20	Prey colonization in freshwater landscapes can be stimulated or inhibited by the proximity of remote predators. <i>Journal of Animal Ecology</i> , 2020, 89, 1766-1774.	2.8	6
21	Hidden Hybridization and Habitat Differentiation in a Mediterranean Macrophyte, the Euryhaline Genus <i>Ruppia</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 830.	3.6	7
22	Bioenergetic data show weak spatial but strong seasonal differences in wetland quality for waders in a Mediterranean migration bottleneck. <i>Freshwater Biology</i> , 2020, 65, 1529-1542.	2.4	2
23	Seasonal variation in benthic macroinvertebrate assemblages and water quality in an Afrotropical river catchment, northeastern Tanzania. <i>Limnologia</i> , 2020, 82, 125780.	1.5	10
24	Explaining diversity patterns in dark waters – a study of aquatic caves in Yucatán, Mexico. <i>Journal of Tropical Ecology</i> , 2019, 35, 237-246.	1.1	2
25	The power of numbers: dynamics of hatching and dormant egg production in two populations of the water flea <i>Daphnia magna</i> . <i>Aquatic Ecology</i> , 2019, 53, 393-406.	1.5	4
26	A general framework for propagule dispersal in mangroves. <i>Biological Reviews</i> , 2019, 94, 1547-1575.	10.4	88
27	High genetic variation and phylogeographic relations among Palearctic fairy shrimp populations reflect persistence in multiple southern refugia during Pleistocene ice ages and postglacial colonisation. <i>Freshwater Biology</i> , 2019, 64, 1896-1907.	2.4	12
28	Exploring the suitability of bromeliads as aquatic breeding habitats for cacao pollinators. <i>Hydrobiologia</i> , 2019, 828, 327-337.	2.0	4
29	Both local presence and regional distribution of predator cues modulate prey colonisation in pond landscapes. <i>Ecology Letters</i> , 2019, 22, 89-97.	6.4	18
30	The conservation status of African vertebrates is unrelated to environmental and spatial patterns in their geographic ranges. <i>Biodiversity and Conservation</i> , 2018, 27, 567-582.	2.6	0
31	A precipitation gradient drives change in macroinvertebrate composition and interactions within bromeliads. <i>PLoS ONE</i> , 2018, 13, e0200179.	2.5	2
32	Squeezing out the last egg – annual fish increase reproductive efforts in response to a predation threat. <i>Ecology and Evolution</i> , 2018, 8, 6390-6398.	1.9	18
33	Climate change jeopardizes the persistence of freshwater zooplankton by reducing both habitat suitability and demographic resilience. <i>BMC Ecology</i> , 2018, 18, 2.	3.0	24
34	Caught in transit: offshore interception of seafaring propagules from seven mangrove species. <i>Ecosphere</i> , 2018, 9, e02208.	2.2	11
35	Gallant geese, fearful flocks? Flock size and heterospecifics alter the escape behaviour of an invasive goose. <i>Belgian Journal of Zoology</i> , 2018, 148, .	0.5	5
36	Habitat uncertainty explains variation in offspring provisioning strategies in a temporary pond crustacean. <i>Hydrobiologia</i> , 2017, 801, 141-151.	2.0	10

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37	Aridity promotes bet hedging via delayed hatching: a case study with two temporary pond crustaceans along a latitudinal gradient. <i>Oecologia</i> , 2017, 184, 161-170.	2.0	32
38	Life stage dependent responses to desiccation risk in the annual killifish <i>Nothobranchius wattersi</i> . <i>Journal of Fish Biology</i> , 2017, 91, 880-895.	1.6	18
39	How do patch quality and spatial context affect invertebrate communities in a natural moss microlandscape?. <i>Acta Oecologica</i> , 2017, 85, 126-135.	1.1	5
40	When fear kicks in: predator cues initially do not but eventually do affect insect distribution patterns in a new artificial pond cluster. <i>Hydrobiologia</i> , 2017, 790, 157-166.	2.0	8
41	Propagule size and shape may promote local wind dispersal in freshwater zooplankton-a wind tunnel experiment. <i>Limnology and Oceanography</i> , 2016, 61, 122-131.	3.1	43
42	Newly created ponds complement natural waterbodies for restoration of macroinvertebrate assemblages. <i>Freshwater Biology</i> , 2016, 61, 1640-1654.	2.4	28
43	µCT scanning-a novel method for in vivo 3D characterization of zooplankton propagules. <i>Limnology and Oceanography: Methods</i> , 2016, 14, 759-766.	2.0	0
44	Adding energy gradients and long-distance dispersal to a neutral model improves predictions of Madagascar bird diversity. <i>Ecology and Evolution</i> , 2016, 6, 6919-6929.	1.9	4
45	Modelling the sensitivity of life history traits to climate change in a temporary pool crustacean. <i>Scientific Reports</i> , 2016, 6, 29451.	3.3	21
46	Invertebrates in Rock Pools. , 2016, , 25-53.		20
47	Could ecosystem management provide a new framework for Alzheimer's disease?. <i>Alzheimer's and Dementia</i> , 2016, 12, 65.	0.8	1
48	Early and late developmental arrest as complementary embryonic bet-hedging strategies in African killifish. <i>Biological Journal of the Linnean Society</i> , 2015, 114, 941-948.	1.6	37
49	Exploring links between geology, hydroperiod, and diversity and distribution patterns of anostracans and notostracans (Branchiopoda) in a tropical savannah habitat in SE Zimbabwe. <i>Journal of Crustacean Biology</i> , 2015, 35, 309-318.	0.8	10
50	Environmental harshness shapes life-history variation in an Australian temporary pool breeding frog: a skeletochronological approach. <i>Oecologia</i> , 2015, 178, 931-941.	2.0	14
51	Rapid evolution of thermal tolerance in the water flea <i>Daphnia</i> . <i>Nature Climate Change</i> , 2015, 5, 665-668.	18.8	230
52	Simple mechanistic models can partially explain local but not range-wide co-occurrence of African mammals. <i>Global Ecology and Biogeography</i> , 2015, 24, 762-773.	5.8	5
53	Partitioning the variation in African vertebrate distributions into environmental and spatial components – exploring the link between ecology and biogeography. <i>Ecography</i> , 2015, 38, 450-461.	4.5	14
54	Hydrological stability drives both local and regional diversity patterns in rock pool metacommunities. <i>Oikos</i> , 2015, 124, 741-749.	2.7	55

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55	Interaction between Water and Wind as a Driver of Passive Dispersal in Mangroves. <i>PLoS ONE</i> , 2015, 10, e0121593.	2.5	38
56	Impact of landscape structure on propagule dispersal in mangrove forests. <i>Marine Ecology - Progress Series</i> , 2015, 524, 95-106.	1.9	42
57	Predictions of climate change infer increased environmental harshness and altered connectivity in a cluster of temporary pools. <i>Freshwater Biology</i> , 2014, 59, 955-968.	2.4	40
58	Mechanisms for the inclusion of cumulative impacts in conservation decision-making are sensitive to vulnerability and irreplaceability in a stochastically simulated landscape. <i>Journal for Nature Conservation</i> , 2014, 22, 265-271.	1.8	7
59	Fairy shrimps in distress: a molecular taxonomic review of the diverse fairy shrimp genus <i>Branchinella</i> (Anostraca: Thamnocephalidae) in Australia in the light of ongoing environmental change. <i>Hydrobiologia</i> , 2013, 700, 313-327.	2.0	19
60	The dynamics of mountain rock pools – Are aquatic and terrestrial habitats alternative stable states?. <i>Acta Oecologica</i> , 2013, 47, 24-29.	1.1	7
61	Constitutive but no Triops-induced differences in bet-hedging strategies for hatching in <i>Daphnia</i> . <i>Hydrobiologia</i> , 2013, 715, 29-35.	2.0	10
62	Mechanistic and evolutionary aspects of light-induced dormancy termination in a temporary pond crustacean. <i>Freshwater Science</i> , 2013, 32, 517-524.	1.8	29
63	Environmental change as a driver of diversification in temporary aquatic habitats: does the genetic structure of extant fairy shrimp populations reflect historic aridification?. <i>Freshwater Biology</i> , 2013, 58, 1556-1572.	2.4	28
64	Mitochondrial gene trees support persistence of cold tolerant fairy shrimp throughout the Pleistocene glaciations in both southern and more northerly refugia. <i>Hydrobiologia</i> , 2013, 714, 155-167.	2.0	27
65	Disturbance regime alters the impact of dispersal on alpha and beta diversity in a natural metacommunity. <i>Ecology</i> , 2013, 94, 2547-2557.	3.2	82
66	Flexible dispersal dimorphism in zooplankton resting eggs: an example of repeated phenotypic coin flipping?. <i>Biological Journal of the Linnean Society</i> , 2013, 110, 749-756.	1.6	21
67	Disentangling the Spatio-Environmental Drivers of Human Settlement: An Eigenvector Based Variation Decomposition. <i>PLoS ONE</i> , 2013, 8, e67726.	2.5	8
68	Toward a Global Phylogeny of the “Living Fossil” Crustacean Order of the Notostraca. <i>PLoS ONE</i> , 2012, 7, e34998.	2.5	45
69	Long-term effects of salinity and disturbance regime on active and dormant crustacean communities. <i>Limnology and Oceanography</i> , 2011, 56, 1008-1022.	3.1	27
70	Passive external transport of freshwater invertebrates by elephant and other mud-wallowing mammals in an African savannah habitat. <i>Freshwater Biology</i> , 2011, 56, 1606-1619.	2.4	72
71	The importance of landscape and habitat properties in explaining instantaneous and long-term distributions of large branchiopods in subtropical temporary pans. <i>Freshwater Biology</i> , 2011, 56, 1992-2008.	2.4	34
72	Can large branchiopods shape microcrustacean communities in Mediterranean temporary wetlands?. <i>Marine and Freshwater Research</i> , 2011, 62, 46.	1.3	23

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73	Long Distance Dispersal of Zooplankton Endemic to Isolated Mountaintops - an Example of an Ecological Process Operating on an Evolutionary Time Scale. PLoS ONE, 2011, 6, e26730.	2.5	25
74	Hatching phenology, life history and egg bank size of fairy shrimp Branchiopodopsis spp. (Branchiopoda, Crustacea) in relation to the ephemerality of their rock pool habitat. Aquatic Ecology, 2010, 44, 771-780.	1.5	61
75	Unintentional dispersal of aquatic invertebrates via footwear and motor vehicles in a Mediterranean wetland area. Aquatic Conservation: Marine and Freshwater Ecosystems, 2010, 20, 580-587.	2.0	85
76	Freshwater rock pools: a review of habitat characteristics, faunal diversity and conservation value. Freshwater Biology, 2010, 55, 1587-1602.	2.4	92
77	Effect of salinity on seasonal community patterns of Mediterranean temporary wetland crustaceans: A mesocosm study. Limnology and Oceanography, 2010, 55, 1712-1722.	3.1	43
78	Species sorting in space and time—the impact of disturbance regime on community assembly in a temporary pool metacommunity. Journal of the North American Benthological Society, 2010, 29, 1267-1278.	3.1	88
79	Wind mediated dispersal of freshwater invertebrates in a rock pool metacommunity: differences in dispersal capacities and modes. Hydrobiologia, 2009, 635, 363-372.	2.0	64
80	Community structure in temporary freshwater pools: disentangling the effects of habitat size and hydroregime. Freshwater Biology, 2009, 54, 1487-1500.	2.4	105
81	Quantifying the Hydroregime of a Temporary Pool Habitat: A Modelling Approach for Ephemeral Rock Pools in SE Botswana. Ecosystems, 2008, 11, 89-100.	3.4	47
82	Relative importance of different dispersal vectors for small aquatic invertebrates in a rock pool metacommunity. Ecography, 2008, 31, 567-577.	4.5	126
83	Invertebrate community patterns in Mediterranean temporary wetlands along hydroperiod and salinity gradients. Freshwater Biology, 2008, 53, 1808-1822.	2.4	195
84	Dispersal of freshwater invertebrates by large terrestrial mammals: a case study with wild boar ( <i>Sus scrofa</i> ) in Mediterranean wetlands. Freshwater Biology, 2008, 53, 2264-2273.	2.4	66
85	Any way the wind blows —frequent wind dispersal drives species sorting in ephemeral aquatic communities. Oikos, 2008, 117, 125-134.	2.7	180
86	Diversity and distribution of large branchiopods in Kiskunság (Hungary) in relation to local habitat and spatial factors: implications for their conservation. Marine and Freshwater Research, 2008, 59, 940.	1.3	27
87	The role of metacommunity processes in shaping invertebrate rock pool communities along a dispersal gradient. Oikos, 2007, 116, 1255-1266.	2.7	139
88	Conservation status of large branchiopods in the western Cape, South Africa. Wetlands, 2007, 27, 162-173.	1.5	27
89	The role of metacommunity processes in shaping invertebrate rock pool communities along a dispersal gradient. Oikos, 2007, 116, 1255-1266.	2.7	3