Jason Hoverman

List of Publications by Year
in descending order

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89	5,066	94269 37	102304 66
papers	citations	h-index	g-index

96	96	96	4759
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pesticides alter ecosystem respiration via phytoplankton abundance and community structure: Effects on the carbon cycle?. Global Change Biology, 2022, 28, 1091-1102.	4.2	9
2	Temperature affects the toxicity of pesticides to cercariae of the trematode Echinostoma trivolvis. Aquatic Toxicology, 2022, 245, 106102.	1.9	7
3	Persistence of amphibian metapopulation occupancy in dynamic wetlandscapes. Landscape Ecology, 2022, 37, 695-711.	1.9	9
4	Comparative Toxicity of Aquatic Perâ€•and Polyfluoroalkyl Substance Exposure in Three Species of Amphibians. Environmental Toxicology and Chemistry, 2022, 41, 1407-1415.	2.2	16
5	Exposure to clothianidin and predators increases mortality for heptageniidae. Aquatic Toxicology, 2022, 246, 106146.	1.9	1
6	Acute Toxicity of Eight Aqueous Film-Forming Foams to 14 Aquatic Species. Environmental Science & Technology, 2022, 56, 6078-6090.	4.6	10
7	Sublethal Effects of Dermal Exposure to Polyâ€•and Perfluoroalkyl Substances on Postmetamorphic Amphibians. Environmental Toxicology and Chemistry, 2021, 40, 717-726.	2.2	24
8	Perfluoroalkyl Substances Increase Susceptibility of Northern Leopard Frog Tadpoles to Trematode Infection. Environmental Toxicology and Chemistry, 2021, 40, 689-694.	2.2	17
9	Chronic Perâ€‘Polyfluoroalkyl Substance Exposure Under Environmentally Relevant Conditions Delays Development in Northern Leopard Frog (Rana pipiens) Larvae. Environmental Toxicology and Chemistry, 2021, 40, 711-716.	2.2	20
10	Dietary exposure and accumulation of per- and polyfluoroalkyl substances alters growth and reduces body condition of post-metamorphic salamanders. Science of the Total Environment, 2021, 765, 142730.	3.9	14
11	Dynamic spatio-temporal patterns of metapopulation occupancy in patchy habitats. Royal Society Open Science, 2021, 8, 201309.	1.1	11
12	Populationâ€‘level variation in infection outcomes not influenced by pesticide exposure in larval wood frogs (Rana sylvatica). Freshwater Biology, 2021, 66, 1169-1181.	1.2	3
13	Predatorâ€•and competitorâ€‘induced responses in amphibian populations that evolved different levels of pesticide tolerance. Ecological Applications, 2021, 31, e02305.	1.8	1
14	Relative acute toxicity of three perâ€•and polyfluoroalkyl substances on nine species of larval amphibians. Integrated Environmental Assessment and Management, 2021, 17, 684-690.	1.6	8
15	An assessment of the potential impacts of climate change on freshwater habitats and biota of Indiana, USA. Climatic Change, 2020, 163, 1897-1916.	1.7	12
16	Pesticide tolerance induced by a generalized stress response in wood frogs (Rana sylvatica). Ecotoxicology, 2020, 29, 1476-1485.	1.1	3
17	Consistent effects of pesticides on community structure and ecosystem function in freshwater systems. Nature Communications, 2020, 11, 6333.	5.8	49
18	Timing and order of exposure to two echinostome species affect patterns of infection in larval amphibians. Parasitology, 2020, 147, 1515-1523.	0.7	10

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19	Single and mixture per- and polyfluoroalkyl substances accumulate in developing Northern leopard frog brains and produce complex neurotransmission alterations. Neurotoxicology and Teratology, 2020, 81, 106907.	1.2	27
20	Conservation decisions under pressure: Lessons from an exercise in rapid response to wildlife disease. Conservation Science and Practice, 2020, 2, e141.	0.9	11
21	Population-level variation in neonicotinoid tolerance in nymphs of the Heptageniidae. Environmental Pollution, 2020, 265, 114803.	3.7	6
22	Behavioural fever reduces ranaviral infection in toads. Functional Ecology, 2019, 33, 2172-2179.	1.7	22
23	Acute and chronic effects of perfluoroalkyl substance mixtures on larval American bullfrogs (Rana) Tj ETQq1 1 0.784314 rgBT /Overlock	4.2	44
24	Healthy but smaller herds: Predators reduce pathogen transmission in an amphibian assemblage. Journal of Animal Ecology, 2019, 88, 1613-1624.	1.3	11
25	Local adaptation of the MHC class IIÎ² gene in populations of wood frogs (Lithobates sylvaticus) correlates with proximity to agriculture. Infection, Genetics and Evolution, 2019, 73, 197-204.	1.0	3
26	Larval amphibians rapidly bioaccumulate poly- and perfluoroalkyl substances. Ecotoxicology and Environmental Safety, 2019, 178, 137-145.	2.9	31
27	Effects of pesticides on exposure and susceptibility to parasites can be generalised to pesticide class and type in aquatic communities. Ecology Letters, 2019, 22, 962-972.	3.0	32
28	Parasite-induced vulnerability to predation in larval anurans. Diseases of Aquatic Organisms, 2019, 135, 241-250.	0.5	7
29	Of poisons and parasitesâ€"the defensive role of tetrodotoxin against infections in newts. Journal of Animal Ecology, 2018, 87, 1192-1204.	1.3	24
30	Phylogenetic patterns of trait and trait plasticity evolution: Insights from amphibian embryos. Evolution; International Journal of Organic Evolution, 2018, 72, 663-678.	1.1	16
31	The influence of landscape and environmental factors on ranavirus epidemiology in a California amphibian assemblage. Freshwater Biology, 2018, 63, 639-651.	1.2	15
32	Using multiâ€response models to investigate pathogen coinfections across scales: Insights from emerging diseases of amphibians. Methods in Ecology and Evolution, 2018, 9, 1109-1120.	2.2	42
33	Effects of Emerging Infectious Diseases on Amphibians: A Review of Experimental Studies. Diversity, 2018, 10, 81.	0.7	39
34	Co-exposure to multiple ranavirus types enhances viral infectivity and replication in a larval amphibian system. Diseases of Aquatic Organisms, 2018, 132, 23-35.	0.5	8
35	Immediate and lag effects of pesticide exposure on parasite resistance in larval amphibians. Parasitology, 2017, 144, 817-822.	0.7	14
36	The benefits of coinfection: trematodes alter disease outcomes associated with virus infection. Journal of Animal Ecology, 2017, 86, 921-931.	1.3	51

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37	Reciprocal effects of pesticides and pathogens on amphibian hosts: The importance of exposure order and timing. Environmental Pollution, 2017, 221, 359-366.	3.7	50
38	Uptake and Depuration of Four Per/Polyfluoroalkyl Substances (PFASS) in Northern Leopard Frog Rana pipiens Tadpoles. Environmental Science and Technology Letters, 2017, 4, 399-403.	3.9	36
39	Evolved pesticide tolerance influences susceptibility to parasites in amphibians. Evolutionary Applications, 2017, 10, 802-812.	1.5	35
40	A Severe Ranavirus Outbreak in Captive, Wild-Caught Box Turtles. EcoHealth, 2017, 14, 810-815.	0.9	12
41	Cutaneous Microbial Community Variation across Populations of Eastern Hellbenders (Cryptobranchus alleganiensis alleganiensis). Frontiers in Microbiology, 2017, 8, 1379.	1.5	39
42	Effects of clothianidin on aquatic communities: Evaluating the impacts of lethal and sublethal exposure to neonicotinoids. PLoS ONE, 2017, 12, e0174171.	1.1	71
43	Prey responses to fineâ€scale variation in predation risk from combined predators. Oikos, 2016, 125, 254-261.	1.2	13
44	Population-specific toxicity of six insecticides to the trematode Echinoparyphium sp.. Parasitology, 2016, 143, 542-550.	0.7	28
45	Behavioural influences on disease risk: implications for conservation and management. Animal Behaviour, 2016, 120, 263-271.	0.8	19
46	Trends in Ranavirus Prevalence Among Plethodontid Salamanders in the Great Smoky Mountains National Park. EcoHealth, 2015, 12, 320-329.	0.9	14
47	Mosquitoes as a Potential Vector of Ranavirus Transmission in Terrestrial Turtles. EcoHealth, 2015, 12, 334-338.	0.9	28
48	What can aquatic gastropods tell us about phenotypic plasticity? A review and meta-analysis. Heredity, 2015, 115, 312-321.	1.2	43
49	Evolved pesticide tolerance in amphibians: Predicting mechanisms based on pesticide novelty and mode of action. Environmental Pollution, 2015, 206, 56-63.	3.7	31
50	The contribution of phenotypic plasticity to the evolution of insecticide tolerance in amphibian populations. Evolutionary Applications, 2015, 8, 586-596.	1.5	63
51	Ranavirus Ecology and Evolution: From Epidemiology to Extinction. , 2015, , 71-104.		63
52	Pesticide Regulation amid the Influence of Industry. BioScience, 2014, 64, 917-922.	2.2	47
53	Predation and disease: understanding the effects of predators at several trophic levels on pathogen transmission. Freshwater Biology, 2014, 59, 1064-1075.	1.2	18
54	Generalist versus specialist strategies of plasticity: snail responses to predators with different foraging modes. Freshwater Biology, 2014, 59, 1101-1112.	1.2	16

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55	Heterogeneous hosts: how variation in host size, behaviour and immunity affects parasite aggregation. Journal of Animal Ecology, 2014, 83, 1103-1112.	1.3	57
56	Natural enemy ecology: comparing the effects of predation risk, infection risk and disease on host behaviour. Functional Ecology, 2014, 28, 1472-1481.	1.7	20
57	Does timing matter? How priority effects influence the outcome of parasite interactions within hosts. Oecologia, 2013, 173, 1471-1480.	0.9	90
58	Urbanization and wetland communities: applying metacommunity theory to understand the local and landscape effects. Journal of Applied Ecology, 2013, 50, 34-42.	1.9	80
59	Biodiversity decreases disease through predictable changes in host community competence. Nature, 2013, 494, 230-233.	13.7	288
60	Evaluating the role of regional and local processes in structuring a larval trematode metacommunity of Helisoma trivolvis. Ecography, 2013, 36, 854-863.	2.1	41
61	Host and parasite diversity jointly control disease risk in complex communities. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16916-16921.	3.3	124
62	Widespread Co-occurrence of Virulent Pathogens Within California Amphibian Communities. EcoHealth, 2012, 9, 288-292.	0.9	43
63	Natural stressors and disease risk: does the threat of predation increase amphibian susceptibility to ranavirus?. Canadian Journal of Zoology, 2012, 90, 893-902.	0.4	26
64	Species diversity reduces parasite infection through cross-generational effects on host abundance. Ecology, 2012, 93, 56-64.	1.5	52
65	Ecophysiology meets conservation: understanding the role of disease in amphibian population declines. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 1688-1707.	1.8	127
66	Parasite diversity and coinfection determine pathogen infection success and host fitness. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 9006-9011.	3.3	147
67	Widespread Occurrence of Ranavirus in Pond-Breeding Amphibian Populations. EcoHealth, 2012, 9, 36-48.	0.9	56
68	The longâ€term impacts of predators on prey: inducible defenses, population dynamics, and indirect effects. Oikos, 2012, 121, 1219-1230.	1.2	29
69	Living fast and dying of infection: host life history drives interspecific variation in infection and disease risk. Ecology Letters, 2012, 15, 235-242.	3.0	224
70	Reliability of non-lethal surveillance methods for detecting ranavirus infection. Diseases of Aquatic Organisms, 2012, 99, 1-6.	0.5	46
71	Development and Disease: How Susceptibility to an Emerging Pathogen Changes through Anuran Development. PLoS ONE, 2011, 6, e22307.	1.1	86
72	Environmental gradients and the structure of freshwater snail communities. Ecography, 2011, 34, 1049-1058.	2.1	60

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73	Phylogeny, Life History, and Ecology Contribute to Differences in Amphibian Susceptibility to Ranaviruses. EcoHealth, 2011, 8, 301-319.	0.9	134
74	Experimental Exposure of Helisoma trivolvis and Biomphalaria glabrata (Gastropoda) to Ribeiroia ondatrae (Trematoda). Journal of Parasitology, 2011, 97, 1055-1061.	0.3	2
75	Parasitism in a community context: traitâ€mediated interactions with competition and predation. Ecology, 2010, 91, 1900-1907.	1.5	83
76	Anuran susceptibilities to ranaviruses: role of species identity, exposure route, and a novel virus isolate. Diseases of Aquatic Organisms, 2010, 89, 97-107.	0.5	95
77	Survival tradeâ€offs associated with inducible defences in snails: the roles of multiple predators and developmental plasticity. Functional Ecology, 2009, 23, 1179-1188.	1.7	69
78	Ecology and pathology of amphibian ranaviruses. Diseases of Aquatic Organisms, 2009, 87, 243-266.	0.5	264
79	Interactive effects of predators and a pesticide on aquatic communities. Oikos, 2008, 117, 1647-1658.	1.2	102
80	Agrochemicals increase trematode infections in a declining amphibian species. Nature, 2008, 455, 1235-1239.	13.7	402
81	Digit reduction, body size, and paedomorphosis in salamanders. Evolution & Development, 2008, 10, 449-463.	1.1	23
82	Temporal environmental variation and phenotypic plasticity: a mechanism underlying priority effects. Oikos, 2008, 117, 23-32.	1.2	41
83	Interactive effects of predators and a pesticide on aquatic communities. Oikos, 2008, , .	1.2	0
84	HOW FLEXIBLE IS PHENOTYPIC PLASTICITY? DEVELOPMENTAL WINDOWS FOR TRAIT INDUCTION AND REVERSAL. Ecology, 2007, 88, 693-705.	1.5	114
85	The rules of engagement: how to defend against combinations of predators. Oecologia, 2007, 154, 551-560.	0.9	53
86	Assessing the ecology in ecotoxicology: a review and synthesis in freshwater systems. Ecology Letters, 2006, 9, 1157-1171.	3.0	384
87	Putting prey back together again: integrating predator-induced behavior, morphology, and life history. Oecologia, 2005, 144, 481-491.	0.9	130
88	PESTICIDES AND AMPHIBIANS: THE IMPORTANCE OF COMMUNITY CONTEXT. , 2005, 15, 1125-1134.		159
89	The impact of larval predators and competitors on the morphology and fitness of juvenile treefrogs. Oecologia, 2003, 134, 596-604.	0.9	155