

David C Heins

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

56 papers	906 citations	18 h-index	28 g-index
66 ext. papers	1,037 ext. citations	2.1 avg, IF	4.21 L-index

#	Paper	IF	Citations
56	Morphological responses of a stream fish to water impoundment. <i>Biology Letters</i> , 2010 , 6, 803-6	3.6	148
55	Reduction of egg size in natural populations of threespine stickleback infected with a cestode macroparasite. <i>Journal of Parasitology</i> , 2003 , 89, 1-6	0.9	55
54	Virulence of the cestode <i>Schistocephalus solidus</i> and reproduction in infected threespine stickleback, <i>Gasterosteus aculeatus</i> . <i>Canadian Journal of Zoology</i> , 1999 , 77, 1967-1974	1.5	46
53	Body condition and reproductive capacity of three-spined stickleback infected with the cestode <i>Schistocephalus solidus</i> . <i>Journal of Fish Biology</i> , 2004 , 64, 1568-1576	1.9	44
52	The "crowding effect" in the cestode <i>Schistocephalus solidus</i> : density-dependent effects on plerocercoid size and infectivity. <i>Journal of Parasitology</i> , 2002 , 88, 302-7	0.9	44
51	Evolutionary significance of fecundity reduction in threespine stickleback infected by the diphyllbothriidean cestode <i>Schistocephalus solidus</i> . <i>Biological Journal of the Linnean Society</i> , 2010 , 100, 835-846	1.9	36
50	Decreased reproductive investment of female threespine stickleback <i>Gasterosteus aculeatus</i> infected with the cestode <i>Schistocephalus solidus</i> : parasite adaptation, host adaptation, or side effect?. <i>Oikos</i> , 2006 , 114, 303-310	4	36
49	Distinct lineages of <i>Schistocephalus</i> parasites in threespine and ninespine stickleback hosts revealed by DNA sequence analysis. <i>PLoS ONE</i> , 2011 , 6, e22505	3.7	31
48	Predictors of body shape among populations of a stream fish (<i>Cyprinella venusta</i> , Cypriniformes: Cyprinidae). <i>Biological Journal of the Linnean Society</i> , 2015 , 115, 842-858	1.9	27
47	Host mortality and variability in epizootics of <i>Schistocephalus solidus</i> infecting the threespine stickleback, <i>Gasterosteus aculeatus</i> . <i>Parasitology</i> , 2010 , 137, 1681-6	2.7	27
46	Landscape genetics of <i>Schistocephalus solidus</i> parasites in threespine stickleback (<i>Gasterosteus aculeatus</i>) from Alaska. <i>PLoS ONE</i> , 2015 , 10, e0122307	3.7	26
45	Yolk Loading in Oocytes of Darters and Its Consequences for Life-History Study. <i>Copeia</i> , 1992 , 1992, 404-411	1.1	26
44	Effect of the cestode macroparasite <i>Schistocephalus pungitii</i> on the reproductive success of ninespine stickleback, <i>Pungitius pungitius</i> . <i>Canadian Journal of Zoology</i> , 2004 , 82, 1731-1737	1.5	24
43	Spawning behaviour and sexual dimorphism in the North American cyprinid fish <i>Notropis leedsii</i> , the bannerfin shiner. <i>Journal of Natural History</i> , 1985 , 19, 1155-1163	0.5	21
42	Fecundity compensation in the three-spined stickleback <i>Gasterosteus aculeatus</i> infected by the diphyllbothriidean cestode <i>Schistocephalus solidus</i> . <i>Biological Journal of the Linnean Society</i> , 2012 , 106, 807-819	1.9	20
41	Fecundity compensation and fecundity reduction among populations of the three-spined stickleback infected by <i>Schistocephalus solidus</i> in Alaska. <i>Parasitology</i> , 2014 , 141, 1088-96	2.7	19
40	Processes influencing the duration and decline of epizootics in <i>Schistocephalus solidus</i> . <i>Journal of Parasitology</i> , 2011 , 97, 371-6	0.9	19

39	Egg Sizes in Fishes: Do Mature Oocytes Accurately Demonstrate Size Statistics of Ripe Ova?. <i>Copeia</i> , 1988 , 1988, 238	1.1	19
38	The reproductive biology, age and growth of the North American cyprinid, <i>Notropis longirostris</i> (Hay). <i>Journal of Fish Biology</i> , 1976 , 8, 365-379	1.9	18
37	Reproductive ecology of the nine-spined stickleback from south-central Alaska. <i>Journal of Fish Biology</i> , 2003 , 63, 1131-1143	1.9	16
36	Ontogeny and Allometry of Body Shape in the Blacktail Shiner, <i>Cyprinella venusta</i> . <i>Copeia</i> , 2000 , 2000, 270-275	1.1	14
35	Clutch and egg size variation in the banded darter, <i>Etheostoma zonale</i> , from three sites in Arkansas. <i>Environmental Biology of Fishes</i> , 1996 , 46, 409-413	1.6	14
34	Predicting future from past: The genomic basis of recurrent and rapid stickleback evolution. <i>Science Advances</i> , 2021 , 7,	14.3	14
33	The Ecological Life History of the Cherryfin Shiner, <i>Notropis roseipinnis</i> . <i>Transactions of the American Fisheries Society</i> , 1975 , 104, 516-523	1.7	12
32	Do heavy burdens of <i>Schistocephalus solidus</i> in juvenile threespine stickleback result in disaster for the parasite?. <i>Journal of Parasitology</i> , 2011 , 97, 775-8	0.9	11
31	Virulence of the cestode <i>Schistocephalus solidus</i> and reproduction in infected threespine stickleback, <i>Gasterosteus aculeatus</i> . <i>Canadian Journal of Zoology</i> , 1999 , 77, 1967-1974	1.5	11
30	Castration of female ninespine stickleback by the pseudophyllidean cestode <i>Schistocephalus pungitii</i> : evolutionary significance and underlying mechanism. <i>Journal of Parasitology</i> , 2010 , 96, 206-8	0.9	10
29	Variation in Reproductive Investment among Populations of the Longnose Shiner, <i>Notropis longirostris</i> , from Contrasting Environments. <i>Copeia</i> , 1991 , 1991, 736	1.1	10
28	Effect of Drying Temperature on Weight Estimates for Oocytes and Eggs in the Darter <i>Etheostoma lynceum</i> . <i>Copeia</i> , 1994 , 1994, 821	1.1	9
27	Microgeographical variation in ovum size of the blacktail shiner, <i>Cyprinella venusta</i> Girard, in relation to streamflow. <i>Ecology of Freshwater Fish</i> , 2002 , 11, 11-19	2.1	8
26	Clutch characteristics of two populations of nine-spined stickleback from south-central Alaska. <i>Journal of Fish Biology</i> , 2005 , 67, 873-878	1.9	8
25	Variation in Clutch Size and Ovum Size of the Snubnose Darter, <i>Etheostoma simoterum</i> (Cope), from Two Populations in Tennessee. <i>American Midland Naturalist</i> , 2001 , 145, 74-79	0.7	8
24	Mutual dilution of infection by an introduced parasite in native and invasive stream fishes across Hawaii. <i>Parasitology</i> , 2016 , 143, 1605-14	2.7	8
23	Reproductive Season, Clutch Size, and Egg Size of the Rainbow Darter, <i>Etheostoma caeruleum</i> , from the Homochitto River, Mississippi, with an Evaluation of Data from the Literature. <i>Copeia</i> , 1996 , 1996, 1005	1.1	7
22	The Effect of Phylogeny on Interspecific Body Shape Variation in Darters (Pisces: Percidae). <i>Systematic Biology</i> , 2003 , 52, 488-500	8.4	7

21	Consistency of host responses to parasitic infection in the three-spined stickleback fish infected by the diphyllbothriidean cestode <i>Schistocephalus solidus</i> . <i>Biological Journal of the Linnean Society</i> , 2014 , 113, 958-968	1.9	6
20	Reproductive Traits of the Blacktail Shiner, <i>Notropis venustus</i> (Girard), in Southeastern Mississippi. <i>Southwestern Naturalist</i> , 1986 , 31, 185	0.3	6
19	Variation in Reproductive Life History Traits between Two Populations of Blackbanded Darters (<i>Percina nigrofasciata</i>). <i>Copeia</i> , 2012 , 2012, 714-721	1.1	5
18	Variation in female life-history traits among Alaskan populations of the threespine stickleback, <i>Gasterosteus aculeatus</i> L. (Pisces: Gasterosteidae). <i>Biological Journal of the Linnean Society</i> , 1998 , 63, 141-159	1.9	5
17	Interannual Variation in Clutch and Egg Size of the Banded Darter, <i>Etheostoma zonale</i> . <i>Copeia</i> , 2000 , 2000, 230-233	1.1	5
16	Field Evidence for Multiple Clutches in the Longnose Shiner. <i>Copeia</i> , 1990 , 1990, 579	1.1	4
15	Streamflow environment predicts divergent life history phenotypes among populations of the Blacktail Shiner <i>Cyprinella venusta</i> : Temporal stability of a large-scale pattern. <i>Ecology of Freshwater Fish</i> , 2018 , 27, 453-459	2.1	4
14	The rise and fall of an epizootic of the diphyllbothriidean cestode <i>Schistocephalus pungitii</i> infecting the ninespine stickleback. <i>Journal of Parasitology</i> , 2012 , 98, 1-5	0.9	3
13	Geographic and host-mediated population genetic structure in a cestode parasite of the three-spined stickleback. <i>Biological Journal of the Linnean Society</i> , 2016 , 119, 381-396	1.9	3
12	Annual ovarian cycle and other reproductive traits of female Red River Pupfish (<i>Cyprinodon rubrofluviatilis</i>) in the Red River drainage of Texas. <i>Southwestern Naturalist</i> , 2014 , 59, 9-14	0.3	2
11	A research programme in fish ecology leads to a supermodel: a tribute to Professor Robert J. Wootton. <i>Ecology of Freshwater Fish</i> , 2012 , 21, 323-324	2.1	2
10	Cross-continental experimental infections reveal distinct defence mechanisms in populations of the three-spined stickleback. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 202117584.4	4.4	2
9	Are solo infections of the diphyllbothriidean cestode <i>Schistocephalus solidus</i> more virulent than multiple infections?. <i>Parasitology</i> , 2019 , 146, 97-104	2.7	1
8	The cestode parasite <i>Schistocephalus pungitii</i> : castrator or nutrient thief of ninespine stickleback fish?. <i>Parasitology</i> , 2017 , 144, 834-840	2.7	1
7	Female Reproductive Life-history Traits of the Rock Darter, <i>Etheostoma rupestre</i> , from Flat Creek, Alabama. <i>American Midland Naturalist</i> , 2003 , 150, 268-274	0.7	1
6	Life History Variation Within and Among Populations of the Ninespine Stickleback (<i>Pungitius pungitius</i>) in Alaska: Lake-Stream Contrasts. <i>American Midland Naturalist</i> , 2019 , 182, 228	0.7	1
5	Estimating effective population size for a cestode parasite infecting three-spined sticklebacks. <i>Parasitology</i> , 2019 , 146, 883-896	2.7	0
4	Inter-Annual Variation of Exogenous Cues Influences Reproductive Phenology of the Longnose Shiner, <i>Notropis longirostris</i> . <i>Southeastern Naturalist</i> , 2020 , 19, 553	0.4	0

- 3 Chronosequence of morphological change in a stream fish following impoundment. *Freshwater Biology*, **2021**, 66, 1721-1735 3.1 0
- 2 Reproductive Season, Fecundity, and Ovum Size of the Skygazer Shiner, *Notropis uranoscopus*, in Alabama. *American Midland Naturalist*, **2019**, 182, 260 0.7
- 1 Reproductive Seasonality and Life-History Traits of the Coastal Darter, *Etheostoma colorosum* (Pisces: Percidae), from the Escambia River Drainage of Florida. *Southeastern Naturalist*, **2020**, 19, 339 0.4