

# Daniel J Hornbach

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

349  
citations

840776

11  
h-index

888059

17  
g-index

28  
all docs

28  
docs citations

28  
times ranked

315  
citing authors

#	ARTICLE	IF	CITATIONS
1	Variation in Freshwater Mussel Shell Sculpture and Shape Along a River Gradient. <i>American Midland Naturalist</i> , 2010, 164, 22-36.	0.4	54
2	A Comparison of a Qualitative and a Quantitative Collection Method for Examining Freshwater Mussel Assemblages. <i>Journal of the North American Benthological Society</i> , 1996, 15, 587-596.	3.1	48
3	Coupling freshwater mussel ecology and river dynamics using a simplified dynamic interaction model. <i>Freshwater Science</i> , 2016, 35, 200-215.	1.8	26
4	Classifying Mixing Regimes in Ponds and Shallow Lakes. <i>Water Resources Research</i> , 2022, 58, .	4.2	23
5	Long-term decline of native freshwater mussel assemblages in a federally protected river. <i>Freshwater Biology</i> , 2018, 63, 243-263.	2.4	19
6	Factors Influencing the Distribution and Abundance of the Endangered Winged Mapleleaf Mussel <i>Quadrula fragosa</i> in the St. Croix River, Minnesota and Wisconsin. <i>American Midland Naturalist</i> , 1996, 136, 278.	0.4	16
7	The influence of riparian vegetation and season on stream metabolism of Valley Creek, Minnesota. <i>Journal of Freshwater Ecology</i> , 2015, 30, 569-588.	1.2	16
8	Zebra Mussels ( <i>Dreissena Polymorpha</i> ) Attached to Native Mussels ( <i>Unionidae</i> ) or Inanimate Substrates: Comparison of Physiological Rates and Biochemical Composition. <i>American Midland Naturalist</i> , 2008, 160, 20-28.	0.4	15
9	Macrohabitat Factors Influencing the Distribution of Naiads in the St. Croix River, Minnesota and Wisconsin, USA. <i>Ecological Studies</i> , 2001, , 213-230.	1.2	15
10	Early Life History of the Winged Mapleleaf Mussel ( <i>Quadrula fragosa</i> ). <i>American Malacological Bulletin</i> , 2012, 30, 47-57.	0.2	13
11	Effects of flow restoration on mussel growth in a Wild and Scenic North American River. <i>Aquatic Biosystems</i> , 2013, 9, 6.	1.8	12
12	Estimating population size and habitat associations of two federally endangered mussels in the St. Croix River, Minnesota and Wisconsin, USA. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2010, 20, 250-260.	2.0	10
13	A comparison of freshwater mussel assemblages along a land-use gradient in Minnesota. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019, 29, 1826-1838.	2.0	10
14	Ecosystem Metabolism in Small Ponds: The Effects of Floating-Leaved Macrophytes. <i>Water (Switzerland)</i> , 2020, 12, 1458.	2.7	9
15	Benthic Macroinvertebrate Community Structure in a Backwater Lake of Pool 2, Upper Mississippi River. <i>Journal of Freshwater Ecology</i> , 1989, 5, 131-138.	1.2	8
16	Experimental investigation of turbulent flow over live mussels. <i>Environmental Fluid Mechanics</i> , 2019, 19, 1417-1430.	1.6	8
17	The influence of two differently sized dams on mussel assemblages and growth. <i>Hydrobiologia</i> , 2014, 724, 279-291.	2.0	7
18	Influence of surrounding land-use on mussel growth and glycogen levels in the St. Croix and Minnesota River Basins. <i>Hydrobiologia</i> , 2021, 848, 3045-3063.	2.0	7

#	ARTICLE	IF	CITATIONS
19	Validation of freshwater mussel life history strategies: A database and multivariate analysis of freshwater mussel life history traits. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 0, , .	2.0	7
20	Shell Morphometry and Tissue Condition of <i>Amblema plicata</i> (Say, 1817) from the Upper Mississippi River. <i>Journal of Freshwater Ecology</i> , 1996, 11, 233-240.	1.2	5
21	Temporal and spatial variability in midge assemblages from a backwater lake in Pool 2, Mississippi River. <i>Hydrobiologia</i> , 1993, 252, 133-141.	2.0	4
22	Ecosystem structure and function in two branches of an eastern Minnesota, USA, trout stream. <i>Journal of Freshwater Ecology</i> , 2016, 31, 487-507.	1.2	4
23	Early life history of the sheepnose ( <i>Plethobasus cyphus</i> ) (Mollusca: Bivalvia: Unionoida). <i>Journal of Natural History</i> , 2016, 50, 523-542.	0.5	3
24	Comparison of ecosystem processes in a woodland and prairie pond with different hydroperiods. <i>Journal of Freshwater Ecology</i> , 2017, 32, 675-695.	1.2	3
25	Decomposition of Leaf Litter from Native and Nonnative Woody Plants in Terrestrial and Aquatic Systems in the Eastern and Upper Midwestern U.S.A.. <i>American Midland Naturalist</i> , 2021, 186, .	0.4	3
26	Variations in the Rate of Sediment Accumulation in a Backwater Lake, Pool 2, Mississippi River. <i>Journal of Freshwater Ecology</i> , 1991, 6, 53-60.	1.2	2
27	Multi-Year Monitoring of Ecosystem Metabolism in Two Branches of a Cold-Water Stream. <i>Environments - MDPI</i> , 2021, 8, 19.	3.3	2