

# Joachim Pander

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

1,089  
citations

471371

17  
h-index

414303

32  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1138  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydropeaking impairs upstream salmonid spawning habitats in a restored Danube tributary. <i>River Research and Applications</i> , 2023, 39, 389-400.	0.7	6
2	Water level induced changes of habitat quality determine fish community composition in restored and modified riverbanks of a large alpine river. <i>International Review of Hydrobiology</i> , 2022, 107, 46-59.	0.5	8
3	Effects of Stream Thermal Variability on Macroinvertebrate Community: Emphasis on Native Versus Non-Native Gammarid Species. <i>Frontiers in Environmental Science</i> , 2022, 10, .	1.5	6
4	Experimental comparison of fish mortality and injuries at innovative and conventional small hydropower plants. <i>Journal of Applied Ecology</i> , 2022, 59, 2360-2372.	1.9	14
5	Sneaker, Dweller and Commuter: Evaluating Fish Behavior in Net-Based Monitoring at Hydropower Plantsâ€”A Case Study on Brown Trout ( <i>Salmo trutta</i> ). <i>Sustainability</i> , 2021, 13, 669.	1.6	0
6	Integration of Constructed Floodplain Ponds into Nature-Like Fish Passes Supports Fish Diversity in a Heavily Modified Water Body. <i>Water (Switzerland)</i> , 2021, 13, 1018.	1.2	7
7	Assessing Stream Thermal Heterogeneity and Cold-Water Patches from UAV-Based Imagery: A Matter of Classification Methods and Metrics. <i>Remote Sensing</i> , 2021, 13, 1379.	1.8	20
8	The HydroEcoSedimentary tool: An integrated approach to characterise interstitial hydroâ€”sedimentary and associated ecological processes. <i>River Research and Applications</i> , 2021, 37, 988-1002.	0.7	4
9	SEM images reveal intraspecific differences in egg surface properties of common nase ( <i>Tj ETQq1 1 0.784314 rgBT/Overlock 2 Tf 50</i> )	0.3	2
10	Going with the flow: Spatioâ€”temporal drift patterns of larval fish in a large alpine river. <i>Freshwater Biology</i> , 2021, 66, 1765-1781.	1.2	16
11	Environmental threats and conservation implications for Atlantic salmon and brown trout during their critical freshwater phases of spawning, egg development and juvenile emergence. <i>Fisheries Management and Ecology</i> , 2021, 28, 437-467.	1.0	19
12	Seasonal and diurnal variation of downstream fish movement at four smallâ€”scale hydropower plants. <i>Ecology of Freshwater Fish</i> , 2020, 29, 74-88.	0.7	21
13	Substrate composition determines emergence success and development of European nase larvae ( <i>Chondrostoma nasus</i> L.). <i>Ecology of Freshwater Fish</i> , 2020, 29, 121-131.	0.7	19
14	Effects of multiple stressors on the distribution of fish communities in 203 headwater streams of Rhine, Elbe and Danube. <i>Science of the Total Environment</i> , 2020, 703, 134523.	3.9	34
15	Making up the bed: Gravel cleaning as a contribution to nase ( <i>Chondrostoma nasus</i> L.) spawning and recruitment success. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 2269-2283.	0.9	16
16	Evaluating Cost Trade-Offs between Hydropower and Fish Passage Mitigation. <i>Sustainability</i> , 2020, 12, 8520.	1.6	17
17	Unmanned Aerial Vehicle (UAV)-Based Thermal Infra-Red (TIR) and Optical Imagery Reveals Multi-Spatial Scale Controls of Cold-Water Areas Over a Groundwater-Dominated Riverscape. <i>Frontiers in Environmental Science</i> , 2020, 8, .	1.5	28
18	Do We Know Enough to Save European Riverine Fish?â€”A Systematic Review on Autecological Requirements During Critical Life Stages of 10 Rheophilic Species at Risk. <i>Sustainability</i> , 2019, 11, 5011.	1.6	14

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19	Effects of environmental flows in a restored floodplain system on the community composition of fish, macroinvertebrates and macrophytes. <i>Ecological Engineering</i> , 2019, 132, 75-86.	1.6	28
20	Fish Passage and Injury Risk at a Surface Bypass of a Small-Scale Hydropower Plant. <i>Sustainability</i> , 2019, 11, 6037.	1.6	17
21	Effectiveness of catchment erosion protection measures and scale-dependent response of stream biota. <i>Hydrobiologia</i> , 2019, 830, 77-92.	1.0	31
22	The importance of stream interstitial conditions for the early life stage development of the European nase ( <i>Chondrostoma nasus</i> L.). <i>Ecology of Freshwater Fish</i> , 2018, 27, 920-932.	0.7	26
23	Habitat diversity and connectivity govern the conservation value of restored aquatic floodplain habitats. <i>Biological Conservation</i> , 2018, 217, 1-10.	1.9	58
24	The Contribution of Different Restored Habitats to Fish Diversity and Population Development in a Highly Modified River: A Case Study from the River Ranz. <i>Water (Switzerland)</i> , 2018, 10, 1202.	1.2	22
25	Comparison of sonar-, camera- and net-based methods in detecting riverine fish-movement patterns. <i>Marine and Freshwater Research</i> , 2018, 69, 1905.	0.7	25
26	Comprehensive analysis of >30 years of data on stream fish population trends and conservation status in Bavaria, Germany. <i>Biological Conservation</i> , 2018, 226, 311-320.	1.9	50
27	The role of life history traits and habitat characteristics in the colonisation of a secondary floodplain by neobiota and indigenous macroinvertebrate species. <i>Hydrobiologia</i> , 2016, 772, 229-245.	1.0	18
28	Can fish habitat restoration for rheophilic species in highly modified rivers be sustainable in the long run?. <i>Ecological Engineering</i> , 2016, 88, 28-38.	1.6	32
29	Succession of fish diversity after reconnecting a large floodplain to the upper Danube River. <i>Ecological Engineering</i> , 2015, 75, 41-50.	1.6	43
30	The ecological value of stream restoration measures: An evaluation on ecosystem and target species scales. <i>Ecological Engineering</i> , 2014, 62, 129-139.	1.6	73
31	Ecological indicators for stream restoration success. <i>Ecological Indicators</i> , 2013, 30, 106-118.	2.6	176
32	Taxonomic sufficiency in freshwater ecosystems: effects of taxonomic resolution, functional traits, and data transformation. <i>Freshwater Science</i> , 2013, 32, 762-778.	0.9	83
33	The effects of weirs on structural stream habitat and biological communities. <i>Journal of Applied Ecology</i> , 2011, 48, 1450-1461.	1.9	154
34	Effects of a Hydropower-Related Temporary Stream Dewatering on Fish Community Composition and Development: From Ecology to Policy. <i>Frontiers in Environmental Science</i> , 0, 10, .	1.5	2