

Ana T Silva

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

870
citations

933410

10
h-index

839512

18
g-index

18
all docs

18
docs citations

18
times ranked

781
citing authors

#	ARTICLE	IF	CITATIONS
1	Combining Fish Passage and Sediment Bypassing: A Conceptual Solution for Increased Sustainability of Dams and Reservoirs. <i>Water (Switzerland)</i> , 2022, 14, 1977.	2.7	6
2	Validation of a Swimming Direction Model for the Downstream Migration of Atlantic Salmon Smolts. <i>Water (Switzerland)</i> , 2021, 13, 1230.	2.7	6
3	3-D Numerical Study of a Bottom Ramp Fish Passage Using Smoothed Particle Hydrodynamics. <i>Water (Switzerland)</i> , 2021, 13, 1595.	2.7	4
4	The effects of hydrodynamics on the three-dimensional downstream migratory movement of Atlantic salmon. <i>Science of the Total Environment</i> , 2020, 705, 135773.	8.0	52
5	Can Energy Depletion of Wild Atlantic Salmon Kelts Negotiating Hydropower Facilities Lead to Reduced Survival?. <i>Sustainability</i> , 2020, 12, 7341.	3.2	12
6	Pool-Type Fishway Design for a Potamodromous Cyprinid in the Iberian Peninsula: The Iberian Barbel – Synthesis and Future Directions. <i>Sustainability</i> , 2020, 12, 3387.	3.2	9
7	Modelling mitigation measures for smolt migration at dammed river sections. <i>Ecohydrology</i> , 2019, 12, e2131.	2.4	18
8	Experimental hydraulics on fish-friendly trash-racks: an ecological approach. <i>Ecological Engineering</i> , 2018, 113, 11-20.	3.6	34
9	The future of fish passage science, engineering, and practice. <i>Fish and Fisheries</i> , 2018, 19, 340-362.	5.3	326
10	3D modelling of non-uniform and turbulent flow in vertical slot fishways. <i>Environmental Modelling and Software</i> , 2018, 99, 156-169.	4.5	47
11	The Influence of Sex, Parasitism, and Ontogeny on the Physiological Response of European Eels (<i>Anguilla anguilla</i>) to an Abiotic Stressor. <i>Physiological and Biochemical Zoology</i> , 2018, 91, 976-986.	1.5	5
12	Position choice and swimming costs of juvenile Atlantic salmon (<i>salmo salar</i>) in turbulent flow. <i>Journal of Ecohydraulics</i> , 2017, 2, 16-27.	3.1	16
13	Factors influencing the spatial ecology of Lake Sturgeon and Walleye within an impounded reach of the Winnipeg River. <i>Environmental Biology of Fishes</i> , 2017, 100, 1085-1103.	1.0	9
14	Early careers on ecohydraulics: challenges, opportunities and future directions. <i>Journal of Ecohydraulics</i> , 2016, 1, 102-107.	3.1	2
15	Behaviour and Locomotor Activity of a Migratory Catostomid during Fishway Passage. <i>PLoS ONE</i> , 2015, 10, e0123051.	2.5	20
16	Use of electromyogram telemetry to assess the behavior of the Iberian barbel (<i>Luciobarbus bocagei</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td	3.6	30
17	Cyprinid swimming behaviour in response to turbulent flow. <i>Ecological Engineering</i> , 2012, 44, 314-328.	3.6	144
18	Effects of water velocity and turbulence on the behaviour of Iberian barbel (<i>Luciobarbus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td 2011, 27, 360-373.	1.7	130