

Ana GarcÃ-a-Vega

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

275
citations

840728

11
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888047

17
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26
all docs

26
docs citations

26
times ranked

153
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Non-uniform hydraulic behavior of pool-weir fishways: A tool to optimize its design and performance. <i>Ecological Engineering</i> , 2016, 86, 5-12.	3.6	36
3	Modeling Water-Depth Distribution in Vertical-Slot Fishways under Uniform and Nonuniform Scenarios. <i>Journal of Hydraulic Engineering</i> , 2014, 140, .	1.5	26
4	Passage Performance of Technical Pool-Type Fishways for Potamodromous Cyprinids: Novel Experiences in Semiarid Environments. <i>Water (Switzerland)</i> , 2019, 11, 2362.	2.7	20
5	Seasonal and daily upstream movements of brown trout (<i>Salmo trutta</i>) in an Iberian regulated river. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2017, , 9.	1.1	19
6	Villemonte's approach: a general method for modeling uniform and non-uniform performance in stepped fishways. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2017, , 23.	1.1	16
7	Potamodromous brown trout movements in the North of the Iberian Peninsula: Modelling past, present and future based on continuous fishway monitoring. <i>Science of the Total Environment</i> , 2018, 640-641, 1521-1536.	8.0	16
8	Fish passage assessment in stepped fishways: Passage success and transit time as standardized metrics. <i>Ecological Engineering</i> , 2021, 162, 106172.	3.6	15
9	Coarse fishway assessment to prioritize retrofitting efforts: A case study in the Duero River basin. <i>Ecological Engineering</i> , 2020, 155, 105946.	3.6	14
10	Fishways as Downstream Routes in Small Hydropower Plants: Experiences with a Potamodromous Cyprinid. <i>Water (Switzerland)</i> , 2021, 13, 1041.	2.7	14
11	Pre-reproductive movements of potamodromous cyprinids in the Iberian Peninsula: when environmental variability meets semipermeable barriers. <i>Hydrobiologia</i> , 2022, 849, 1317-1338.	2.0	11
12	Artificial lateral line for aquatic habitat modelling: An example for <i>Lefua echigonia</i> . <i>Ecological Informatics</i> , 2021, 65, 101388.	5.2	11
13	A Step to Smart Fishways: An Autonomous Obstruction Detection System Using Hydraulic Modeling and Sensor Networks. <i>Sensors</i> , 2021, 21, 6909.	3.8	8
14	Upstream migration of anadromous and potamodromous brown trout: patterns and triggers in a 25-year overview. <i>Hydrobiologia</i> , 2022, 849, 197-213.	2.0	6
15	Inventario y caracterización morfológica de lagos y lagunas de alta montaña en las provincias de Palencia y León (España). <i>Pirineos</i> , 2015, 170, e013.	0.6	5
16	Effect of restoration measures in Atlantic rivers: A 25-year overview of sea and riverine brown trout populations in the River Bidasoa. <i>Fisheries Management and Ecology</i> , 2020, 27, 580-590.	2.0	4
17	Bases metodológicas para el cálculo de muros entramados de madera con vegetación o muros Krainer. <i>Informes De La Construcción</i> , 2014, 66, e012.	0.3	3
18	Fish Upstream Passage through Gauging Stations: Experiences with Iberian Barbel in Flat-V Weirs. <i>Fishes</i> , 2021, 6, 81.	1.7	2

#	ARTICLE	IF	CITATIONS
19	Estimating Fish Passage over Velocity Barriers for Non-Uniform Flow Conditions: A Case Study in Flat-V Gauging Weirs. , 0, , .		1
20	Metodología "AEPS" aplicada a la evaluación de escalas para peces en la cuenca hidrográfica del río Duero. Cuadernos De La Sociedad Española De Ciencias Forestales, 2019, 45, 279-288.	0.1	0
21	Influencia del régimen de caudales en los movimientos reproductivos de la trucha común en la Península Ibérica. Cuadernos De La Sociedad Española De Ciencias Forestales, 2019, 45, 251-260.	0.1	0
22	Smart Fishways: A Sensor Network for the Assessment of Fishway Performance. , 0, , .		0
23	Upstream Movement Capacity of Invasive Signal Crayfish (<i>Pacifastacus leniusculus</i>) under Different Environmental and Biometric Factors. , 0, , .		0
24	Two-Way Migration of a Potamodromous Cyprinid in a Small Hydropower Plant with a Pool Type Fishway. , 0, , .		0
25	Fishway Attraction Efficiency during Upstream and Down-Stream Migration: Field Tests in a Small Hydropower Plant with Run-of-the-River Configuration. , 0, , .		0