

# Andrew S Vowles

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1558675/publications.pdf>

Version: 2024-02-01

16  
papers

668  
citations

933447

10  
h-index

996975

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

780  
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial light at night (ALAN) affects the downstream movement behaviour of the critically endangered European eel, <i>Anguilla anguilla</i> . <i>Environmental Pollution</i> , 2021, 274, 116585.	7.5	16
2	The response of common minnows, <i>Phoxinus phoxinus</i> , to visual cues under flowing and static water conditions. <i>Animal Behaviour</i> , 2021, 179, 289-296.	1.9	2
3	Use of Cylindrical Bristle Clusters as a novel multispecies fish pass to facilitate upstream movement at gauging weirs. <i>Ecological Engineering</i> , 2020, 143, 105634.	3.6	5
4	More than one million barriers fragment Europe's rivers. <i>Nature</i> , 2020, 588, 436-441.	27.8	314
5	The importance of seasonal macrophyte cover for the behaviour and performance of brown trout ( <i>Salmo trutta</i> ) in a productive and stable environment. <i>Freshwater Biology</i> , 2017, 62, 146-160.	2.4	9
6	A comprehensive assessment of stream fragmentation in Great Britain. <i>Science of the Total Environment</i> , 2019, 673, 756-762.	8.0	78
7	Upstream movement of river lamprey through a culvert retrofitted with spoiler baffles under experimental conditions. <i>Journal of Ecohydraulics</i> , 2018, 3, 99-107.	3.1	4
8	Passage of European eel and river lamprey at a model weir provisioned with studded tiles. <i>Journal of Ecohydraulics</i> , 2017, 2, 88-98.	3.1	22
9	Challenging convention: the winter ecology of brown trout ( <i>Salmo trutta</i> ) in a productive and stable environment. <i>Freshwater Biology</i> , 2017, 62, 146-160.	2.4	9
10	Efficiency of a dual density studded fish pass designed to mitigate for impeded upstream passage of juvenile European eels ( <i>Anguilla anguilla</i> ) at a model culvert weir. <i>Fisheries Management and Ecology</i> , 2015, 22, 307-316.	2.0	27
11	The importance of behaviour in predicting the impact of a novel small-scale hydropower device on the survival of downstream moving fish. <i>Ecological Engineering</i> , 2014, 69, 151-159.	3.6	18
12	Effects of avoidance behaviour on downstream fish passage through areas of accelerating flow when light and dark. <i>Animal Behaviour</i> , 2014, 92, 101-109.	1.9	46
13	Quantifying behaviour of migratory fish: Application of signal detection theory to fisheries engineering. <i>Ecological Engineering</i> , 2012, 41, 22-31.	3.6	17
14	Effects of light on the behaviour of brown trout ( <i>Salmo trutta</i> ) encountering accelerating flow: Application to downstream fish passage. <i>Ecological Engineering</i> , 2012, 47, 247-253.	3.6	39
15	The influence of discharge and temperature on the ability of upstream migrant adult river lamprey ( <i>Lampetra fluviatilis</i> ) to pass experimental overshot and undershot weirs. <i>River Research and Applications</i> , 2011, 27, 488-498.	1.7	60
16	Understanding fish-hydrodynamic interactions within Cylindrical Bristle Cluster arrays to improve passage over sloped weirs. <i>Journal of Ecohydraulics</i> , 0, , 1-9.	3.1	3