

# Barbara Belletti

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5385892/publications.pdf>

Version: 2024-02-01

26  
papers

1,500  
citations

516710

16  
h-index

677142

22  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1684  
citing authors

#	ARTICLE	IF	CITATIONS
1	More than one million barriers fragment Europe's rivers. <i>Nature</i> , 2020, 588, 436-441.	27.8	314
2	A multi-scale hierarchical framework for developing understanding of river behaviour to support river management. <i>Aquatic Sciences</i> , 2016, 78, 1-16.	1.5	191
3	A review of assessment methods for river hydromorphology. <i>Environmental Earth Sciences</i> , 2015, 73, 2079-2100.	2.7	145
4	Remotely sensed rivers in the Anthropocene: state of the art and prospects. <i>Earth Surface Processes and Landforms</i> , 2020, 45, 157-188.	2.5	128
5	Characterising physical habitats and fluvial hydromorphology: A new system for the survey and classification of river geomorphic units. <i>Geomorphology</i> , 2017, 283, 143-157.	2.6	111
6	Advances on Modelling Riparian Vegetation's Hydromorphology Interactions. <i>River Research and Applications</i> , 2016, 32, 164-178.	1.7	90
7	A comprehensive assessment of stream fragmentation in Great Britain. <i>Science of the Total Environment</i> , 2019, 673, 756-762.	8.0	78
8	New tools for the hydromorphological assessment and monitoring of European streams. <i>Journal of Environmental Management</i> , 2017, 202, 363-378.	7.8	63
9	What is the Relative Effect of Space and Time to Explain the Braided River Width and Island Patterns at a Regional Scale?. <i>River Research and Applications</i> , 2015, 31, 1-15.	1.7	57
10	Analysis of Post-flood Recruitment Patterns in Braided-Channel Rivers at Multiple Scales Based on an Image Series Collected by Unmanned Aerial Vehicles, Ultra-light Aerial Vehicles, and Satellites. <i>GIScience and Remote Sensing</i> , 2011, 48, 50-73.	5.9	49
11	Indicators of river system hydromorphological character and dynamics: understanding current conditions and guiding sustainable river management. <i>Aquatic Sciences</i> , 2016, 78, 35-55.	1.5	43
12	Regional variability of aquatic pattern in braided reaches (example of the French Rhône basin). <i>Hydrobiologia</i> , 2013, 712, 25-41.	2.0	36
13	Regional assessment of the multi-decadal changes in braided riverscapes following large floods (Example of 12 reaches in South East of France). <i>Advances in Geosciences</i> , 0, 37, 57-71.	12.0	29
14	UAV-based training for fully fuzzy classification of Sentinel-2 fluvial scenes. <i>Earth Surface Processes and Landforms</i> , 2020, 45, 3120-3140.	2.5	28
15	Riparian vegetation as indicator of channel adjustments and environmental conditions: the case of the Panaro River (Northern Italy). <i>Aquatic Sciences</i> , 2015, 77, 563-582.	1.5	25
16	Assessing Restoration Effects on River Hydromorphology Using the Process-based Morphological Quality Index in Eight European River Reaches. <i>Environmental Management</i> , 2018, 61, 69-84.	2.7	23
17	Ground-dwelling arthropod communities across braided river landscape mosaics: a Mediterranean perspective. <i>Freshwater Biology</i> , 2014, 59, 1308-1322.	2.4	20
18	Fuzzy cognitive mapping for predicting hydromorphological responses to multiple pressures in rivers. <i>Journal of Applied Ecology</i> , 2016, 53, 559-566.	4.0	14

#	ARTICLE	IF	CITATIONS
19	Diagnosing problems induced by past gravel mining and other disturbances in Southern European rivers: the Magra River, Italy. <i>Aquatic Sciences</i> , 2016, 78, 107-119.	1.5	12
20	Mapping riverbed sediment size from Sentinel-2 satellite data. <i>Earth Surface Processes and Landforms</i> , 2022, 47, 2544-2559.	2.5	12
21	Beware small dams, they can do damage, too. <i>Nature</i> , 2019, 570, 164-164.	27.8	10
22	Development and Application of a Multi-scale Process-Based Framework for the Hydromorphological Assessment of European Rivers. , 2015, , 339-342.		8
23	Global Dam Watch: curated data and tools for management and decision making. <i>Environmental Research: Infrastructure and Sustainability</i> , 2021, 1, 033003.	2.3	7
24	Spatial scale determines how the morphological diversity relates with river biological diversity. Evidence from a mountain river in the central Chilean Andes. <i>Geomorphology</i> , 2021, 372, 107447.	2.6	3
25	Use of cross-POL multi-temporal SAR data for image segmentation. , 2018, , .		2
26	Land Use Analysis Using a Compact Parametrization of Multi-Temporal SAR Data. , 2018, , .		0