

# Rodrigo Maia

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4186661/publications.pdf>

Version: 2024-02-01

23  
papers

330  
citations

932766

10  
h-index

839053

18  
g-index

24  
all docs

24  
docs citations

24  
times ranked

479  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | The quality of Portuguese Environmental Impact Studies: The case of small hydropower projects. <i>Environmental Impact Assessment Review</i> , 2007, 27, 189-205.  | 4.4 | 67        |
| 2  | Numerical Simulation of the Flow and Local Scour Process around Single and Complex Bridge Piers. <i>International Journal of Civil Engineering</i> , 2018, 16, 475-487.  | 0.9 | 35        |
| 3  | Drought Characteristics Assessment in Europe over the Past 50 Years. <i>Water Resources Management</i> , 2020, 34, 4757-4772.  | 1.9 | 31        |
| 4  | The WFD Implementation in the European Member States. <i>Water Resources Management</i> , 2017, 31, 3043-3060.   | 1.9 | 28        |
| 5  | Socioeconomic Evaluation of Drought Effects. Main Principles and Application to Guadiana and Algarve Case Studies. <i>Water Resources Management</i> , 2015, 29, 575-588.                                      | 1.9 | 21        |
| 6  | Environmental Flows Under the WFD Implementation. <i>Water Resources Management</i> , 2018, 32, 5115-5149.   | 1.9 | 20        |
| 7  | Adaptation Challenges in Complex Rivers Around the World: The Guadiana and the Colorado Basins. <i>Water Resources Management</i> , 2015, 29, 273-293.   | 1.9 | 18        |
| 8  | DSS Application to the Development of Water Management Strategies in Ribeiras do Algarve River Basin. <i>Water Resources Management</i> , 2007, 21, 897-907.   | 1.9 | 15        |
| 9  | Characterization of the scour cavity evolution around a complex bridge pier. <i>Journal of Applied Water Engineering and Research</i> , 2016, 4, 128-137.  | 1.0 | 12        |
| 10 | DSS application at a river basin scale, taking into account water resources exploitation risks and associated costs: The Algarve Region. <i>Desalination</i> , 2009, 237, 81-91.                               | 4.0 | 11        |
| 11 | Monitoring Methodology of Interventions for Riverbanks Stabilization: Assessment of Technical Solutions Performance. <i>Water Resources Management</i> , 2016, 30, 5281-5298.                                  | 1.9 | 9         |
| 12 | Hydrologic Modelling Calibration for Operational Flood Forecasting. <i>Water Resources Management</i> , 2016, 30, 5671-5685.   | 1.9 | 9         |
| 13 | Numerical investigation of the flow behavior around a single cylinder using Large Eddy Simulation model. <i>Ocean Engineering</i> , 2017, 145, 464-478.  | 1.9 | 9         |
| 14 | A stochastic estimation of sediment production in an urban catchment using the USLE model. <i>Hydrological Sciences Journal</i> , 2017, 62, 2571-2586.   | 1.2 | 7         |
| 15 | The Iberian Peninsula's Shared Rivers Harmonization of Use: A Portuguese Perspective. <i>Water International</i> , 2003, 28, 389-397.  | 0.4 | 6         |
| 16 | Water Resources Management in an Interdisciplinary and Changing Context. <i>Water Resources Management</i> , 2015, 29, 211-216.  | 1.9 | 6         |
| 17 | Characterization of the Turbulent Flow Around Complex Geometries Using Wall-Modeled Large Eddy Simulation and Immersed Boundary Method. <i>International Journal of Civil Engineering</i> , 2020, 18, 279-291. | 0.9 | 6         |
| 18 | Assessment of Ecological Risk Based on Projected Hydrological Alteration. <i>Environmental Processes</i> , 2016, 3, 569-587.   | 1.7 | 5         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Stochastic Generation of Streamflow Time Series. Journal of Hydrologic Engineering - ASCE, 2018, 23, .   | 0.8 | 4         |
| 20 | Spatial downscaling of 3-hourly precipitation forecast data at river basin scale. Meteorology and Atmospheric Physics, 2020, 132, 143-158.   | 0.9 | 4         |
| 21 | Improving Transboundary Drought and Scarcity Management in the Iberian Peninsula through the Definition of Common Indicators: The Case of the Minho-Lima River Basin District. Water (Switzerland), 2022, 14, 425. | 1.2 | 4         |
| 22 | Drought Planning and Management in the Iberian Peninsula. Drought and Water Crises, 2017, , 481-506.   | 0.1 | 3         |
| 23 | Pre-modelling as a tool for optimizing morphodynamical numerical simulations. International Journal of River Basin Management, 2020, 18, 265-278.  | 1.5 | 0         |