# Ilaria Butera

List of Publications by Year
in descending order

| 12 papers | 175 citations | 1477746<br>6 h-index | 1199166<br>12 g-index |
| --- | --- | --- | --- |
| 12 all docs | 12 docs citations | 12 times ranked | 190 citing authors |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 1 | The role of morphology in the spatial distribution of short-duration rainfall extremes in Italy. Hydrology and Earth System Sciences, 2022, 26, 1659-1672. | 1.9 | 13 |
| 2 | Contaminant-Source Detection in a Water Distribution System Using the Ensemble Kalman Filter. Journal of Water Resources Planning and Management - ASCE, 2021, 147, . | 1.3 | 8 |
| 3 | Experimental Analysis of Effect of Canal Geometry and Water Levels on Rotary Hydrostatic Pressure Machine. Journal of Hydraulic Engineering, 2020, 146, . | 0.7 | 6 |
| 4 | Numerical analysis of phreatic levels in river embankments due to flood events. Journal of Hydrology, 2020, 590, 125382. | 2.3 | 10 |
| 5 | I2-RED: A Massive Update and Quality Control of the Italian Annual Extreme Rainfall Dataset. Water (Switzerland), 2020, 12, 3308. | 1.2 | 8 |
| 6 | Mutual information analysis to approach nonlinearity in groundwater stochastic fields. Stochastic Environmental Research and Risk Assessment, 2018, 32, 2933-2942. | 1.9 | 6 |
| 7 | Estimation of the hydropower potential of irrigation networks. Renewable and Sustainable Energy Reviews, 2015, 48, 140-151. | 8.2 | 35 |
| 8 | Simultaneous identification of the pollutant release history and the source location in groundwater by means of a geostatistical approach. Stochastic Environmental Research and Risk Assessment, 2013, 27, 1269-1280. | 1.9 | 55 |
| 9 | Recovering the Release History of a Pollutant Intrusion into a Water Supply System through a Geostatistical Approach. Journal of Water Resources Planning and Management - ASCE, 2013, 139, 418-425. | 1.3 | 3 |
| 10 | A geostatistical approach to the estimation of a solute trajectory through porous formations. Journal of Hydrology, 2009, 375, 345-355. | 2.3 | 5 |
| 11 | Title is missing!. Transport in Porous Media, 1999, 36, 255-291. | 1.2 | 22 |
| 12 | Impact of Concentration Measurements upon Estimation of Flow and Transport Parameters: The Lagrangian Approach. Water Resources Research, 1996, 32, 297-306. | 1.7 | 4 |