

Guna A Hewa

List of Publications by Year in descending order

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papers

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840776

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28
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474
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Review of chloramine decay models in drinking water system. Environmental Science: Water Research and Technology, 2022, 8, 926-948. | 2.4 | 9 |
| 2 | Review of Nitrification Monitoring and Control Strategies in Drinking Water System. International Journal of Environmental Research and Public Health, 2022, 19, 4003. | 2.6 | 13 |
| 3 | Analyzing the impact of hydrological storage and connected impervious area on the performance of distributed kerbside infiltration systems in an urban catchment. Journal of Hydrology, 2022, 608, 127625. | 5.4 | 3 |
| 4 | Characterizing the Stormwater Runoff Quality and Evaluating the Performance of Curbside Infiltration Systems to Improve Stormwater Quality of an Urban Catchment. Water (Switzerland), 2022, 14, 14. | 2.7 | 3 |
| 5 | Challenges in Quantifying Losses in a Partly Urbanised Catchment: A South Australian Case Study. Water (Switzerland), 2022, 14, 1313. | 2.7 | 2 |
| 6 | Development and Comparison of Water Quality Network Model and Data Analytics Model for Monochloramine Decay Prediction. Water (Switzerland), 2022, 14, 2021. | 2.7 | 0 |
| 7 | Evaluating the Performance of a Hydrological Model to Represent Curbside Distributed Infiltration Wells in a Residential Catchment. Journal of Hydrologic Engineering - ASCE, 2021, 26, . | 1.9 | 4 |
| 8 | Modelling and Incorporating the Variable Demand Patterns to the Calibration of Water Distribution System Hydraulic Model. Water (Switzerland), 2021, 13, 2890. | 2.7 | 11 |
| 9 | Development of an Optical Method to Monitor Nitrification in Drinking Water. Sensors, 2021, 21, 7525. | 3.8 | 8 |
| 10 | Spectrophotometric Online Detection of Drinking Water Disinfectant: A Machine Learning Approach. Sensors, 2020, 20, 6671. | 3.8 | 16 |
| 11 | Performance Evaluation of Stormwater Management Systems and Its Impact on Development Costing. Water (Switzerland), 2020, 12, 375. | 2.7 | 5 |
| 12 | A Comparison of Continuous and Event-Based Rainfall-Runoff (RR) Modelling Using EPA-SWMM. Water (Switzerland), 2019, 11, 611. | 2.7 | 43 |
| 13 | The sensitivity of catchment hypsometry and hypsometric properties to DEM resolution and polynomial order. Geomorphology, 2018, 309, 112-120. | 2.6 | 15 |
| 14 | The Use of PCSWMM for Assessing the Impacts of Land Use Changes on Hydrological Responses and Performance of WSUD in Managing the Impacts at Myponga Catchment, South Australia. Water (Switzerland), 2016, 8, 511. | 2.7 | 42 |
| 15 | Can water sensitive urban design systems help to preserve natural channel-forming flow regimes in an urbanised catchment?. Water Science and Technology, 2016, 73, 78-87. | 2.5 | 18 |
| 16 | Thermal variation and pressure compensated emitters. Agricultural Water Management, 2016, 176, 29-39. | 5.6 | 7 |
| 17 | Modelling hydrological losses for varying rainfall and moisture conditions in South Australian catchments. Journal of Hydrology: Regional Studies, 2015, 4, 1-21. | 2.4 | 63 |
| 18 | Bio-fouling of subsurface type drip emitters applying reclaimed water under medium soil thermal variation. Agricultural Water Management, 2014, 133, 12-23. | 5.6 | 28 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Variability of annual daily maximum rainfall of Dhaka, Bangladesh. Atmospheric Research, 2014, 137, 176-182. | 4.1 | 37 |
| 20 | Introducing leaky-well concept for stormwater quantity control in Dhaka, Bangladesh. Applied Water Science, 2013, 3, 115-123. | 5.6 | 7 |
| 21 | Probability distributions for explaining hydrological losses in South Australian catchments. Hydrology and Earth System Sciences, 2013, 17, 4541-4553. | 4.9 | 8 |
| 22 | Design criteria for channel-forming flows in waterways of urbanising catchments. Australian Journal of Water Resources, 2012, 15, . | 2.7 | 1 |
| 23 | Applying multi-criteria decision analysis to select WSUD and LID technologies. Water Science and Technology: Water Supply, 2012, 12, 844-853. | 2.1 | 19 |
| 24 | Link between Flow Regime and the Catchment Hypsometry: Analysis of South Australian Basins. Journal of Hydrologic Engineering - ASCE, 2012, 17, 1287-1295. | 1.9 | 8 |
| 25 | Development of hydrological tools using extreme rainfall events for Dhaka, Bangladesh. Water International, 2012, 37, 43-52. | 1.0 | 9 |
| 26 | Improving stream low flow regimes in urbanised catchments using water sensitive urban design techniques. Australian Journal of Water Resources, 2008, 12, 121-132. | 2.7 | 2 |
| 27 | Generalized extreme value distribution fitted by LH moments for low-flow frequency analysis. Water Resources Research, 2007, 43, . | 4.2 | 22 |
| 28 | Assessing the ability of infiltration-based WSUD systems to manage channel-forming flow regimes in greenfield catchment developments: a catchment scale investigation. , 0, , . | | 1 |