# Huei-Tau Ouyang

List of Publications by Year
in descending order



| 13 | 127 | 1307594 7 | 1281871 11 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 13 | 13 | 13 | 124 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Investigation on the Dimensions and Shape of a Submerged Vane for Sediment Management in Alluvial Channels. Journal of Hydraulic Engineering, 2009, 135, 209-217. | 1.5 | 26 |
| 2 | Interaction between submerged vanes for sediment management. Journal of Hydraulic Research/De Recherches Hydrauliques, 2008, 46, 620-627. | 1.7 | 18 |
| 3 | Input optimization of ANFIS typhoon inundation forecast models using a Multi-Objective Genetic Algorithm. Journal of Hydro-Environment Research, 2018, 19, 16-27. | 2.2 | 14 |
| 4 | Design optimization of a two-dimensional hydrofoil by applying a genetic algorithm. Engineering Optimization, 2006, 38, 529-540. | 2.6 | 13 |
| 5 | Characteristics of interactions among a row of submerged vanes in various shapes. Journal of Hydro-Environment Research, 2016, 13, 14-25. | 2.2 | 13 |
| 6 | Anthropogenic effects and climate change threats on the flood diversion of Erchung Floodway in Tanshui River, northern Taiwan. Natural Hazards, 2014, 73, 1733-1747. | 3.4 | 12 |
| 7 | Nonlinear autoregressive neural networks with external inputs for forecasting of typhoon inundation level. Environmental Monitoring and Assessment, 2017, 189, 376. | 2.7 | 10 |
| 8 | Multi-objective optimization of typhoon inundation forecast models with cross-site structures for a water-level gauging network by integrating ARMAX with a genetic algorithm. Natural Hazards and Earth System Sciences, 2016, 16, 1897-1909. | 3.6 | 7 |
| 9 | Optimization of autoregressive, exogenous inputs-based typhoon inundation forecasting models using a multi-objective genetic algorithm. Engineering Optimization, 2017, 49, 1211-1225. | 2.6 | 5 |
| 10 | Optimal Combinations of Non-Sequential Regressors for ARX-Based Typhoon Inundation Forecast Models Considering Multiple Objectives. Water (Switzerland), 2017, 9, 519. | 2.7 | 3 |
| 11 | Flow morphology in bottom-propagating gravity currents over immersed obstacles. AIP Advances, 2020, 10, 115103. | 1.3 | 3 |
| 12 | Characteristics of adaptive network-based fuzzy inference system for typhoon inundation level forecast. Hydrology Research, 2018, 49, 1056-1071. | 2.7 | 2 |
| 13 | Characteristics of recursive and non-recursive adaptive network-based fuzzy inference system models for the forecast of typhoon inundation levels. International Journal of Environmental Science and Technology, 2017, 14, 2495-2506. | 3.5 | 1 |