

Ching-pin Tung

List of Publications by Year in descending order

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53
papers

677
citations

516561

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all docs

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docs citations

53
times ranked

754
citing authors

#	ARTICLE	IF	CITATIONS
1	Global-Warming Effects on New York Streamflows. Journal of Water Resources Planning and Management - ASCE, 1995, 121, 216-225.	1.3	46
2	Modelling climate-change impacts on stream temperature of Formosan landlocked salmon habitat. Hydrological Processes, 2006, 20, 1629-1649.	1.1	46
3	Improvement of a drainage system for flood management with assessment of the potential effects of climate change. Hydrological Sciences Journal, 2013, 58, 1581-1597.	1.2	44
4	APPLICATION OF THE GENETIC ALGORITHM FOR OPTIMIZING OPERATION RULES OF THE LiYuTan RESERVOIR IN TAIWAN1. Journal of the American Water Resources Association, 2003, 39, 649-657.	1.0	38
5	Evaluating Future Joint Probability of Precipitation Extremes with a Copula-Based Assessing Approach in Climate Change. Water Resources Management, 2018, 32, 4253-4274.	1.9	28
6	Assessing the impact of climate change on the land hydrology in Taiwan. Paddy and Water Environment, 2009, 7, 283-292.	1.0	27
7	Application and development of a decision-support system for assessing water shortage and allocation with climate change. Paddy and Water Environment, 2009, 7, 301-311.	1.0	27
8	Temporal variation of nitrate and phosphate transport in headwater catchments: the hydrological controls and land use alteration. Biogeosciences, 2013, 10, 2617-2632.	1.3	26
9	Pattern classification using tabu search to identify the spatial distribution of groundwater pumping. Hydrogeology Journal, 2004, 12, 488-496.	0.9	23
10	An integrated optimization algorithm for parameter structure identification in groundwater modeling. Advances in Water Resources, 2008, 31, 545-560.	1.7	23
11	Impact of Climate Change on Runoff in the Gilgel Abbay Watershed, the Upper Blue Nile Basin, Ethiopia. Water (Switzerland), 2016, 8, 380.	1.2	23
12	CLIMATE CHANGE IMPACTS ON WATER RESOURCES OF THE TSENGWEN CREEK WATERSHED IN TAIWAN. Journal of the American Water Resources Association, 2001, 37, 167-176.	1.0	21
13	Low Impact Development Planning and Adaptation Decision-Making under Climate Change for a Community against Pluvial Flooding. Water (Switzerland), 2017, 9, 756.	1.2	20
14	Application of genetic programming to project climate change impacts on the population of Formosan Landlocked Salmon. Environmental Modelling and Software, 2009, 24, 1062-1072.	1.9	19
15	APPLICATION OF TABU SEARCH TO GROUND WATER PARAMETER ZONATION. Journal of the American Water Resources Association, 2002, 38, 1115-1125.	1.0	18
16	Impact of climate change on Taiwanese power market determined using linear complementarity model. Applied Energy, 2013, 102, 432-439.	5.1	18
17	Spatial Assessment of Climate Risk for Investigating Climate Adaptation Strategies by Evaluating Spatial-Temporal Variability of Extreme Precipitation. Water Resources Management, 2019, 33, 3377-3400.	1.9	17
18	Toward the practicability of a heat transfer model for green roofs. Ecological Engineering, 2015, 74, 266-273.	1.6	16

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19	A Derivation of Factors Influencing the Successful Integration of Corporate Volunteers into Public Flood Disaster Inquiry and Notification Systems. Sustainability, 2018, 10, 1973.	1.6	16
20	Integrated water resources system dynamics modeling and indicators for sustainable rural community. Paddy and Water Environment, 2015, 13, 29-41.	1.0	15
21	Improving groundwater-flow modeling using optimal zoning methods. Environmental Geology, 2003, 44, 627-638.	1.2	14
22	CLIMATE CHANGE, IRRIGATION, AND CROP RESPONSE. Journal of the American Water Resources Association, 1998, 34, 1071-1085.	1.0	13
23	An optimal procedure for identifying parameter structure and application to a confined aquifer. Environmental Geology, 2005, 47, 1062-1071.	1.2	13
24	Modification of a stream temperature model with Beer's law and application to GaoShan Creek in Taiwan. Ecological Modelling, 2007, 200, 217-224.	1.2	12
25	Applying Zonation Methods and Tabu Search to Improve the Groundwater Modeling. Journal of the American Water Resources Association, 2008, 44, 107-120.	1.0	9
26	Modeling the effects of riparian planting strategies on stream temperature: Increasing suitable habitat for endangered Formosan Landlocked Salmon in SheiáPa National Park, Taiwan. Hydrological Processes, 2012, 26, 3635-3644.	1.1	9
27	Development of a Novel Climate Adaptation Algorithm for Climate Risk Assessment. Water (Switzerland), 2019, 11, 497.	1.2	9
28	A Generalized Framework for Assessing Flood Risk and Suitable Strategies under Various Vulnerability and Adaptation Scenarios: A Case Study for Residents of Kyoto City in Japan. Water (Switzerland), 2020, 12, 2508.	1.2	8
29	Regional daily baseflow prediction. Hydrological Processes, 2004, 18, 2147-2164.	1.1	7
30	Analysis of space-time patterns of rainfall events during 1996-2008 in Yilan County (Taiwan). Stochastic Environmental Research and Risk Assessment, 2015, 29, 929-945.	1.9	7
31	Interval number fuzzy linear programming for climate change impact assessments of reservoir active storage. Paddy and Water Environment, 2009, 7, 349-356.	1.0	6
32	The development of stream temperature model in a mountainous river of Taiwan. Environmental Monitoring and Assessment, 2014, 186, 7489-7503.	1.3	6
33	Stormwater Management toward Water Supply at the Community Scale—A Case Study in Northern Taiwan. Sustainability, 2017, 9, 1206.	1.6	6
34	Stochastic competitive analysis of hydropower and water supplies within an energy-water nexus. Stochastic Environmental Research and Risk Assessment, 2018, 32, 2761-2769.	1.9	6
35	Estimating Seasonal Basin Rainfall Using Tabu Search. Terrestrial, Atmospheric and Oceanic Sciences, 2006, 17, 295.	0.3	6
36	Spatial optimization procedure for land-use arrangement in a community based on a human comfort perspective. Paddy and Water Environment, 2016, 14, 71-83.	1.0	5

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37	Development of a Social Impact Assessment for the Water Environment: A Professional Perspective. <i>Water (Switzerland)</i> , 2021, 13, 3355.	1.2	5
38	Optimal balance between land development and groundwater conservation in an uncertain coastal environment. <i>Civil Engineering and Environmental Systems</i> , 2003, 20, 61-81.	0.4	3
39	Climate Change Impact Assessment for Sustainable Water Quality Management. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2012, 23, 565.	0.3	3
40	A procedure to estimate cover coefficient and parameters of soil moisture stress function using soil moisture monitoring data. <i>Paddy and Water Environment</i> , 2013, 11, 255-264.	1.0	3
41	Study on the Climate Adaption Planning for an Industrial Company with Regional Risk of the Water Supply System—A Case in Taiwan. <i>Water (Switzerland)</i> , 2017, 9, 682.	1.2	3
42	Applying the DRCA Risk Template on the Flood-Prone Disaster Prevention Community Due to Climate Change. <i>Sustainability</i> , 2021, 13, 891.	1.6	3
43	Assessing Future Rainfall Intensity—Duration—Frequency Characteristics across Taiwan Using the k-Nearest Neighbor Method. <i>Water (Switzerland)</i> , 2021, 13, 1521.	1.2	3
44	New Criteria for Sustainable Water Quality Management. <i>Journal of the American Water Resources Association</i> , 2007, 43, 372-383.	1.0	2
45	Toward an innovative interdisciplinary method for vulnerability assessments: the case of Taiwan. <i>Journal of Water and Climate Change</i> , 2015, 6, 501-517.	1.2	2
46	Climate change research in Taiwan: beyond following the mainstream. <i>Environmental Hazards</i> , 2023, 22, 79-97.	1.4	2
47	Assessing climate change adaptations for community-scale water resources using a low-frequency weather generator. <i>Paddy and Water Environment</i> , 2018, 16, 55-69.	1.0	1
48	Application of Simulated Annealing to Groundwater Parameter Zonation. , 2001, , 1.		0
49	Sustainability Indicator for Water and Land Resources. , 2001, , 1.		0
50	The Relationship between Boussinesq Equation and Non-Linear Storage of Baseflow Simulation. , 2003, , 265.		0
51	PAWEES 2008 international conference on benefit of paddy to sustainable development: first announcement. <i>Paddy and Water Environment</i> , 2008, 6, 165-166.	1.0	0
52	Reply to comment on —C.-P. Tung, N.-M. Hong, C.-H. Chen, and Y.-C. Tan. 2004. Regional daily baseflow prediction. <i>Hydrological Processes</i> 18: 2147—2164™. <i>Hydrological Processes</i> , 2008, 22, 887-889.	1.1	0
53	Producing Daily and Embedded Hourly Rainfall Data Using a Novel Weather Generator. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2013, 24, 437.	0.3	0