

Ching-pin Tung

List of Publications by Year in descending order

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53
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53
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754
citing authors

#	ARTICLE	IF	CITATIONS
1	Climate change research in Taiwan: beyond following the mainstream. <i>Environmental Hazards</i> , 2023, 22, 79-97.	1.4	2
2	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
3	Assessing Future Rainfall Intensityâ€œDurationâ€œFrequency Characteristics across Taiwan Using the k-Nearest Neighbor Method. <i>Water (Switzerland)</i> , 2021, 13, 1521.	1.2	3
4	Development of a Social Impact Assessment for the Water Environment: A Professional Perspective. <i>Water (Switzerland)</i> , 2021, 13, 3355.	1.2	5
5	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. <i>Water (Switzerland)</i> , 2020, 12, 2508.	1.2	8
6	Spatial Assessment of Climate Risk for Investigating Climate Adaptation Strategies by Evaluating Spatial-Temporal Variability of Extreme Precipitation. <i>Water Resources Management</i> , 2019, 33, 3377-3400.	1.9	17
7	Development of a Novel Climate Adaptation Algorithm for Climate Risk Assessment. <i>Water (Switzerland)</i> , 2019, 11, 497.	1.2	9
8	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
9	Stochastic competitive analysis of hydropower and water supplies within an energyâ€œwater nexus. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018, 32, 2761-2769.	1.9	6
10	Evaluating Future Joint Probability of Precipitation Extremes with a Copula-Based Assessing Approach in Climate Change. <i>Water Resources Management</i> , 2018, 32, 4253-4274.	1.9	28
11	A Derivation of Factors Influencing the Successful Integration of Corporate Volunteers into Public Flood Disaster Inquiry and Notification Systems. <i>Sustainability</i> , 2018, 10, 1973.	1.6	16
12	Stormwater Management toward Water Supply at the Community Scaleâ€œA Case Study in Northern Taiwan. <i>Sustainability</i> , 2017, 9, 1206.	1.6	6
13	Study on the Climate Adaption Planning for an Industrial Company with Regional Risk of the Water Supply Systemâ€œA Case in Taiwan. <i>Water (Switzerland)</i> , 2017, 9, 682.	1.2	3
14	Low Impact Development Planning and Adaptation Decision-Making under Climate Change for a Community against Pluvial Flooding. <i>Water (Switzerland)</i> , 2017, 9, 756.	1.2	20
15	Impact of Climate Change on Runoff in the Gilgel Abbay Watershed, the Upper Blue Nile Basin, Ethiopia. <i>Water (Switzerland)</i> , 2016, 8, 380.	1.2	23
16	Spatial optimization procedure for land-use arrangement in a community based on a human comfort perspective. <i>Paddy and Water Environment</i> , 2016, 14, 71-83.	1.0	5
17	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
18	Toward the practicability of a heat transfer model for green roofs. <i>Ecological Engineering</i> , 2015, 74, 266-273.	1.6	16

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19	Integrated water resources system dynamics modeling and indicators for sustainable rural community. <i>Paddy and Water Environment</i> , 2015, 13, 29-41.	1.0	15
20	Analysis of space-time patterns of rainfall events during 1996-2008 in Yilan County (Taiwan). <i>Stochastic Environmental Research and Risk Assessment</i> , 2015, 29, 929-945.	1.9	7
21	The development of stream temperature model in a mountainous river of Taiwan. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 7489-7503.	1.3	6
22	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
23	Impact of climate change on Taiwanese power market determined using linear complementarity model. <i>Applied Energy</i> , 2013, 102, 432-439.	5.1	18
24	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
25	Improvement of a drainage system for flood management with assessment of the potential effects of climate change. <i>Hydrological Sciences Journal</i> , 2013, 58, 1581-1597.	1.2	44
26	Temporal variation of nitrate and phosphate transport in headwater catchments: the hydrological controls and land use alteration. <i>Biogeosciences</i> , 2013, 10, 2617-2632.	1.3	26
27	Climate Change Impact Assessment for Sustainable Water Quality Management. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2012, 23, 565.	0.3	3
28	Modeling the effects of riparian planting strategies on stream temperature: Increasing suitable habitat for endangered Formosan Landlocked Salmon in Shei-Pa National Park, Taiwan. <i>Hydrological Processes</i> , 2012, 26, 3635-3644.	1.1	9
29	Assessing the impact of climate change on the land hydrology in Taiwan. <i>Paddy and Water Environment</i> , 2009, 7, 283-292.	1.0	27
30	Application and development of a decision-support system for assessing water shortage and allocation with climate change. <i>Paddy and Water Environment</i> , 2009, 7, 301-311.	1.0	27
31	Interval number fuzzy linear programming for climate change impact assessments of reservoir active storage. <i>Paddy and Water Environment</i> , 2009, 7, 349-356.	1.0	6
32	Application of genetic programming to project climate change impacts on the population of Formosan Landlocked Salmon. <i>Environmental Modelling and Software</i> , 2009, 24, 1062-1072.	1.9	19
33	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
34	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
35	An integrated optimization algorithm for parameter structure identification in groundwater modeling. <i>Advances in Water Resources</i> , 2008, 31, 545-560.	1.7	23
36	Applying Zonation Methods and Tabu Search to Improve the Groundwater Modeling. <i>Journal of the American Water Resources Association</i> , 2008, 44, 107-120.	1.0	9

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37	New Criteria for Sustainable Water Quality Management. Journal of the American Water Resources Association, 2007, 43, 372-383.	1.0	2
38	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
39	Modelling climate-change impacts on stream temperature of Formosan landlocked salmon habitat. Hydrological Processes, 2006, 20, 1629-1649.	1.1	46
40	Estimating Seasonal Basin Rainfall Using Tabu Search. Terrestrial, Atmospheric and Oceanic Sciences, 2006, 17, 295.	0.3	6
41	An optimal procedure for identifying parameter structure and application to a confined aquifer. Environmental Geology, 2005, 47, 1062-1071.	1.2	13
42	Pattern classification using tabu search to identify the spatial distribution of groundwater pumping. Hydrogeology Journal, 2004, 12, 488-496.	0.9	23
43	Regional daily baseflow prediction. Hydrological Processes, 2004, 18, 2147-2164.	1.1	7
44	Improving groundwater-flow modeling using optimal zoning methods. Environmental Geology, 2003, 44, 627-638.	1.2	14
45	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
46	Optimal balance between land development and groundwater conservation in an uncertain coastal environment. Civil Engineering and Environmental Systems, 2003, 20, 61-81.	0.4	3
47	The Relationship between Boussinesq Equation and Non-Linear Storage of Baseflow Simulation. , 2003, , 265.		0
48	APPLICATION OF TABU SEARCH TO GROUND WATER PARAMETER ZONATION. Journal of the American Water Resources Association, 2002, 38, 1115-1125.	1.0	18
49	Application of Simulated Annealing to Groundwater Parameter Zonation. , 2001, , 1.		0
50	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
51	Sustainability Indicator for Water and Land Resources. , 2001, , 1.		0
52	CLIMATE CHANGE, IRRIGATION, AND CROP RESPONSE. Journal of the American Water Resources Association, 1998, 34, 1071-1085.	1.0	13
53	Global-Warming Effects on New York Streamflows. Journal of Water Resources Planning and Management - ASCE, 1995, 121, 216-225.	1.3	46