

# Weng Tat Chan

## List of Publications by Year in descending order

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29  
papers

1,380  
citations

411340

20  
h-index

651938

25  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1288  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solving the FS-RCPSP with hyper-heuristics: A policy-driven approach. Journal of the Operational Research Society, 2019, 70, 403-419.	2.1	15
2	A type-2 fuzzy set model for contractor prequalification. Automation in Construction, 2017, 84, 356-366.	4.8	40
3	Managing the trust relationship in Financial Services Information Systems. , 2010, , .		1
4	A relationship between the quality attributes and the trust in financial services information systems. , 2010, , .		1
5	GIS for Manmade Object Contacts from Sidescan Sonar Images. , 2006, , .		1
6	Interface Management for China's Build-Operate-Transfer Projects. Journal of Construction Engineering and Management - ASCE, 2005, 131, 645-655.	2.0	52
7	Spatio-temporal information integration in XML. Future Generation Computer Systems, 2004, 20, 1157-1170.	4.9	27
8	Pavement-Distress Data Collection System Based on Mobile Geographic Information System. Transportation Research Record, 2004, 1889, 54-62.	1.0	4
9	Optimal Fund-Allocation Analysis for Multidistrict Highway Agencies. Journal of Infrastructure Systems, 2003, 9, 167-175.	1.0	30
10	Constraint Programming Approach to Precast Production Scheduling. Journal of Construction Engineering and Management - ASCE, 2002, 128, 513-521.	2.0	81
11	Production Scheduling for Precast Plants using a Flow Shop Sequencing Model. Journal of Computing in Civil Engineering, 2002, 16, 165-174.	2.5	72
12	Optimal Vertical Alignment Analysis for Highway Design. Journal of Transportation Engineering, 2002, 128, 395-402.	0.9	48
13	An application of genetic algorithms to precast production scheduling. Computers and Structures, 2001, 79, 1605-1616.	2.4	53
14	Constraint handling methods in pavement maintenance programming. Transportation Research Part C: Emerging Technologies, 2001, 9, 175-190.	3.9	30
15	Case-Based Reasoning Approach in Bid Decision Making. Journal of Construction Engineering and Management - ASCE, 2001, 127, 35-45.	2.0	150
16	Derivation of Pareto Front with Genetic Algorithm and Neural Network. Journal of Hydrologic Engineering - ASCE, 2001, 6, 52-61.	0.8	51
17	Multiobjective Optimization for Pavement Maintenance Programming. Journal of Transportation Engineering, 2000, 126, 367-374.	0.9	116
18	Feature-based cost estimation for packaging products using neural networks. Computers in Industry, 1996, 32, 95-113.	5.7	59

#	ARTICLE	IF	CITATIONS
19	Neural network: An alternative to pile driving formulas. Computers and Geotechnics, 1995, 17, 135-156.	2.3	105
20	Peak-Flow Forecasting with Genetic Algorithm and SWMM. Journal of Hydraulic Engineering, 1995, 121, 613-617.	0.7	76
21	Roadâ€™Maintenance Planning Using Genetic Algorithms. II: Analysis. Journal of Transportation Engineering, 1994, 120, 710-722.	0.9	65
22	Roadâ€™Maintenance Planning Using Genetic Algorithms. I: Formulation. Journal of Transportation Engineering, 1994, 120, 693-709.	0.9	92
23	Computer-aided catchment-calibration model. Advances in Engineering Software, 1993, 17, 147-154.	1.8	1
24	Priority Rating of Highway Maintenance Needs by Neural Networks. Journal of Transportation Engineering, 1993, 119, 419-432.	0.9	55
25	Knowledgeâ€™Based System for SWMM Runoff Component Calibration. Journal of Water Resources Planning and Management - ASCE, 1991, 117, 507-524.	1.3	75
26	An expert system for storm water management modelling, and its application. Engineering Applications of Artificial Intelligence, 1991, 4, 367-375.	4.3	5
27	Construction Operations Simulation by Microcomputer. Journal of Construction Engineering and Management - ASCE, 1987, 113, 302-314.	2.0	55
28	Exploratory design using constraints. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 1987, 1, 59-71.	0.7	18
29	Spatio -temporal information integration in XML. , 0, , .		2