Duc-Hoc Tran

List of Publications by Year in Descending Order

30 papers	616 citations	15 h-index	24 g-index
30 ext. papers	725 ext. citations	4.3 avg, IF	4.9 L-index

#	Paper	IF	Citations
30	Time Cost Quality Trade-Off in Repetitive Construction Project for Sustainable Construction Project. *Community, Environment and Disaster Risk Management*, **2022**, 26, 75-85	0.2	
29	Integrating a novel multiple-objective FBI with BIM to determine tradeoff among resources in project scheduling. *Knowledge-Based Systems*, **2021**, 107640	7.3	3
28	Tradeoff time cost quality in repetitive construction project using fuzzy logic approach and symbiotic organism search algorithm. *AEJ - Alexandria Engineering Journal*, **2021**, 61, 1499-1499	6.1	4
27	Optimizing multi-mode time-cost-quality trade-off of construction project using opposition multiple objective difference evolution. *International Journal of Construction Management*, **2021**, 21, 271-283	1.9	22
26	Multiple Objective Social Group Optimization for Time□Cost□Quality□Carbon Dioxide in Generalized Construction Projects. *International Journal of Civil Engineering*, **2021**, 19, 805-822	1.9	5
25	Optimizing non-unit repetitive project resource and scheduling by evolutionary algorithms. *Operational Research*, **2020**, 1	1.6	4
24	Nature-inspired metaheuristic ensemble model for forecasting energy consumption in residential buildings. *Energy*, **2020**, 191, 116552	7.9	29
23	Optimizing time□cost in generalized construction projects using multiple-objective social group optimization and multi-criteria decision-making methods. *Engineering, Construction and Architectural Management*, **2020**, 27, 2287-2313	3.1	9
22	Combining machine learning models via adaptive ensemble weighting for prediction of shear capacity of reinforced-concrete deep beams. *Engineering With Computers*, **2019**, 36, 1135	4.5	23
21	MULTI-OBJECTIVE SYMBIOTIC ORGANISMS OPTIMIZATION FOR MAKING TIME-COST TRADEOFFS IN REPETITIVE PROJECT SCHEDULING PROBLEM. *Journal of Civil Engineering and Management*, **2019**, 25, 322-339	3	19
20	Hybrid multiple objective evolutionary algorithms for optimising multi-mode time, cost and risk trade-off problem. *International Journal of Computer Applications in Technology*, **2019**, 60, 203	0.7	2
19	Optimization model for construction project resource leveling using a novel modified symbiotic organisms search. *Asian Journal of Civil Engineering*, **2018**, 19, 625-638	1.5	19
18	Project scheduling with time, cost and risk trade-off using adaptive multiple objective differential evolution. *Engineering, Construction and Architectural Management*, **2018**, 25, 623-638	3.1	18
17	Opposition multiple objective symbiotic organisms search (OMOSOS) for time, cost, quality and work continuity tradeoff in repetitive projects. *Journal of Computational Design and Engineering*, **2018**, 5, 160-172	4.6	26
16	Solving Resource-Constrained Project Scheduling Problems Using Hybrid Artificial Bee Colony with Differential Evolution. *Journal of Computing in Civil Engineering*, **2016**, 30, 04015065	5	18
15	Optimizing Multiple-Resources Leveling in Multiple Projects Using Discrete Symbiotic Organisms Search. *Journal of Computing in Civil Engineering*, **2016**, 30, 04015036	5	68
14	An efficient hybrid differential evolution based serial method for multimode resource-constrained project scheduling. *KSCE Journal of Civil Engineering*, **2016**, 20, 90-100	1.9	16

13	FUZZY CLUSTERING CHAOTIC-BASED DIFFERENTIAL EVOLUTION FOR RESOURCE LEVELING IN CONSTRUCTION PROJECTS. *Journal of Civil Engineering and Management*, **2016**, 23, 113-124	3	10
12	A novel Multiple Objective Symbiotic Organisms Search (MOSOS) for time□cost□labor utilization tradeoff problem. *Knowledge-Based Systems*, **2016**, 94, 132-145	7.3	98
11	Integrating Chaotic Initialized Opposition Multiple-Objective Differential Evolution and Stochastic Simulation to Optimize Ready-Mixed Concrete Truck Dispatch Schedule. *Journal of Management in Engineering - ASCE*, **2016**, 32, 04015034	5.3	11
10	Using Fuzzy Clustering Chaotic-based Differential Evolution to solve multiple resources leveling in the multiple projects scheduling problem. *AEJ - Alexandria Engineering Journal*, **2016**, 55, 1541-1552	6.1	11
9	Opposition-based Multiple Objective Differential Evolution (OMODE) for optimizing work shift schedules. *Automation in Construction*, **2015**, 55, 1-14	9.6	14
8	CHAOTIC INITIALIZED MULTIPLE OBJECTIVE DIFFERENTIAL EVOLUTION WITH ADAPTIVE MUTATION STRATEGY (CA-MODE) FOR CONSTRUCTION PROJECT TIME-COST-QUALITY TRADE-OFF. *Journal of Civil Engineering and Management*, **2015**, 22, 210-223	3	8
7	Hybrid multiple objective artificial bee colony with differential evolution for the time□cost□quality tradeoff problem. *Knowledge-Based Systems*, **2015**, 74, 176-186	7.3	50
6	Opposition-Based Multiple-Objective Differential Evolution to Solve the Time□cost□Environment Impact Trade-Off Problem in Construction Projects. *Journal of Computing in Civil Engineering*, **2015**, 29, 04014074	5	13
5	. *IEEE Transactions on Engineering Management*, **2014**, 61, 450-461	2.6	35
4	Using a fuzzy clustering chaotic-based differential evolution with serial method to solve resource-constrained project scheduling problems. *Automation in Construction*, **2014**, 37, 88-97	9.6	57
3	A hybrid fuzzy inference model based on RBFNN and artificial bee colony for predicting the uplift capacity of suction caissons. *Automation in Construction*, **2014**, 41, 60-69	9.6	21
2	Evaluation of Residual Strength of Corroded Reinforced Concrete Beams Using Machine Learning Models. *Arabian Journal for Science and Engineering*,1	2.5	
1	A novel multiple objective whale optimization for time-cost-quality tradeoff in non-unit repetitive projects. *International Journal of Construction Management*,1-12	1.9	3