A Dadras

List of Publications by Year in Descending Order

14 papers	479 citations	8 h-index	16 g-index
16 ext. papers	692 ext. citations	2.5 avg, IF	4.91 L-index

#	Paper	IF	Citations
14	A Review on Non-destructive Evaluation of Civil Structures Using Magnetic Sensors. *Lecture Notes in Civil Engineering*, **2023**, 647-656	0.3	
13	Data-Driven Structural Health Monitoring and Damage Detection through Deep Learning: State-of-the-Art Review. *Sensors*, **2020**, 20,	3.8	101
12	Optimum Stacking Sequence Design of Composite Laminates for Maximum Buckling Load Capacity. *Studies in Computational Intelligence*, **2020**, 9-50	0.8	
11	Dynamic Water Strider Algorithm for Optimal Design of Skeletal Structures. *Periodica Polytechnica: Civil Engineering*, **2020**,	1.2	5
10	An efficient two-stage method for optimal sensor placement using graph-theoretical partitioning and evolutionary algorithms. *Structural Control and Health Monitoring*, **2019**, 26, e2325	4.5	11
9	Optimum stacking sequence design of composite laminates for maximum buckling load capacity using parameter-less optimization algorithms. *Engineering With Computers*, **2019**, 35, 813-832	4.5	18
8	Robust design optimization of laminated plates under uncertain bounded buckling loads. *Structural and Multidisciplinary Optimization*, **2019**, 59, 877-891	3.6	17
7	Buckling load of laminated composite plates using three variants of the biogeography-based optimization algorithm. *Acta Mechanica*, **2018**, 229, 1551-1566	2.1	13
6	Chaotic enhanced colliding bodies algorithms for size optimization of truss structures. *Acta Mechanica*, **2018**, 229, 2883-2907	2.1	12
5	Structural damage identification using an enhanced thermal exchange optimization algorithm. *Engineering Optimization*, **2018**, 50, 430-451	2	44
4	A novel meta-heuristic optimization algorithm: Thermal exchange optimization. *Advances in Engineering Software*, **2017**, 110, 69-84	3.6	245
3	A Multistage Damage Detection Approach Using Graph Theory and Water Strider Algorithm. *Iranian Journal of Science and Technology - Transactions of Civil Engineering*,1	1.1	3
2	Guided Water Strider Algorithm for Structural Damage Detection Using Incomplete Modal Data. *Iranian Journal of Science and Technology - Transactions of Civil Engineering*,1	1.1	8
1	MOTEO: a novel multi-objective thermal exchange optimization algorithm for engineering problems. *Soft Computing*,1	3.5	2