Toula Onoufriou

List of Publications by Year
in descending order

23 papers	328 citations	1039880 9 h-index	887953 17 g-index
23 all docs	23 docs citations	23 times ranked	282 citing authors

#	Article	IF	Citations
1	Coastal zone significant wave height prediction by supervised machine learning classification algorithms. Ocean Engineering, 2021, 221, 108592.	1.9	28
2	Nowcasting significant wave height by hierarchical machine learning classification. Ocean Engineering, 2021, 242, 110130.	1.9	1
3	Critical Water Depth and Installation Curves for Submarine Cable Deployment Process. Journal of Marine Science and Engineering, 2020, 8, 838.	1.2	1
4	Numerical evaluation of multi-metric data fusion based structural health monitoring of long span bridge structures. Structure and Infrastructure Engineering, 2018, 14, 673-684.	2.0	37
5	Remote monitoring as a tool in condition assessment of a highway bridge. Proceedings of SPIE, 2016, , .	0.8	0
6	Condition assessment of civil infrastructure. Structure and Infrastructure Engineering, 2015, 11, 1-2.	2.0	2
7	Field dynamic testing on a Cyprus concrete highway bridge using Wireless Sensor Network (WSN). , 2014, , .		0
8	Layout optimization of wireless sensor networks for structural health monitoring. Smart Structures and Systems, 2014, 14, 39-54.	1.9	11
9	Special issue on Vibration Issues in Structural Monitoring. JVC/Journal of Vibration and Control, 2013, 19, 2243-2243.	1.5	0
10	Harvesting energy from vibrations of the underlying structure. JVC/Journal of Vibration and Control, 2013, 19, 2255-2269.	1.5	15
11	Geo-radar scanning and GIS mapping of an old water utility network in Paphos district area in Cyprus under the project: 'Upgrade of the hydraulics laboratory for the modeling of water supply networks and design and operation optimization study'. , 2013, , .		1
12	A risk ranking strategy for network level bridge management. Structure and Infrastructure Engineering, 2010, 6, 767-776.	2.0	10
13	SmartEN: A Marie Curie Research Framework for Wireless Sensor Networks in Smart Management of the Human Environment. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 88-106.	0.2	0
14	Optimum preventative maintenance strategies using genetic algorithms and Bayesian updating. Ships and Offshore Structures, 2009, 4, 299-306.	0.9	9
15	Sensitivity of uncertainties in performance prediction of deteriorating concrete structures. Structure and Infrastructure Engineering, 2006, 2, 117-130.	2.0	4
16	Optimum Preventative Maintenance Planning for Reinforced Concrete Bridges. , 2006, , 75.		3
17	Performance updating of concrete bridges using proactive health monitoring methods. Reliability Engineering and System Safety, 2004, 86, 247-256.	5.1	37
18	Reliability-based inspection optimization of complex structures: a brief retrospective. Computers and Structures, 2002, 80, 1133-1144.	2.4	53

#	Article	IF	Citations
19	Reliability-based importance assessment of structural members with applications to complex structures. Computers and Structures, 2002, 80, 1113-1131.	2.4	35
20	Developments in structural system reliability assessments of fixed steel offshore platforms. Reliability Engineering and System Safety, 2001, 71, 189-199.	5.1	37
21	Areas of Uncertainty in Bridge Management: Framework for Research. Transportation Research Record, 2000, 1696, 202-209.	1.0	1
22	Reliability based inspection planning of offshore structures. Marine Structures, 1999, 12, 521-539.	1.6	41
23	Overview of advanced structural and reliability techniques for optimum design of fixed offshore platforms. Journal of Constructional Steel Research, 1997, 44, 181-201.	1.7	2