

Shervan Ataei

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

236
citations

1040056

9
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

140
citing authors

#	ARTICLE	IF	CITATIONS
1	Load test of a plain concrete arch railway bridge of 20-m span. <i>Construction and Building Materials</i> , 2004, 18, 661-667.	7.2	50
2	Investigating dynamic amplification factor of railway masonry arch bridges through dynamic load tests. <i>Construction and Building Materials</i> , 2018, 183, 693-705.	7.2	28
3	Sensor fusion of a railway bridge load test using neural networks. <i>Expert Systems With Applications</i> , 2005, 29, 678-683.	7.6	27
4	Assessment of load carrying capacity and fatigue life expectancy of a monumental Masonry Arch Bridge by field load testing: a case study of veresk. <i>Structural Engineering and Mechanics</i> , 2016, 59, 703-718.	1.0	21
5	Evaluation of axle load increasing on a monumental masonry arch bridge based on field load testing. <i>Construction and Building Materials</i> , 2016, 116, 413-421.	7.2	19
6	A case study of dynamic behaviour of short span concrete slab bridge reinforced by tire-derived aggregates as sub-ballast. <i>International Journal of Rail Transportation</i> , 2020, 8, 80-98.	2.7	19
7	Effects of maintenance operations on railway track's mechanical behaviour by field load testing. <i>International Journal of Pavement Engineering</i> , 2014, 15, 215-227.	4.4	17
8	Dynamic Forces at Square and Inclined Rail Joints: Field Experiments. <i>Journal of Transportation Engineering</i> , 2016, 142, .	0.9	13
9	Long-term monitoring of relative displacements at the keystone of a masonry arch bridge. <i>Structural Control and Health Monitoring</i> , 2018, 25, e2144.	4.0	11
10	Dynamic load testing of a railway masonry arch bridge: A case study of Babak Bridge. <i>Scientia Iranica</i> , 2017, 24, 1834-1842.	0.4	10
11	Implementing Relative Deflection of Adjacent Blocks in Model Calibration of Masonry Arch Bridges. <i>Journal of Performance of Constructed Facilities</i> , 2018, 32, .	2.0	9
12	Assessment of load carrying capacity enhancement of an open spandrel masonry arch bridge by dynamic load testing. <i>International Journal of Architectural Heritage</i> , 0, , 1-15.	3.1	6
13	Modal shape identification of the vibration data of bridge dynamic test using fuzzy clustering. <i>Expert Systems With Applications</i> , 2010, 37, 5813-5817.	7.6	3
14	Assessing safety of a railway stone arch bridge by experimental and numerical analyses. <i>Gradevinar</i> , 2017, 69, 1017-1029.	0.2	3
15	Railway crossing vertical vibration response prediction using a data-driven neuro-fuzzy model " Influence of train factors. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 2021, 235, 1086-1098.	2.0	0
16	Railway bridge under increased traffic demands. , 2022, , 355-387.		0