Damian Beben

List of Publications by Year
in descending order

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Version: 2024-02-01

55	659	567281 15	642732 23
papers	citations	h-index	g-index

63	63	63	330
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Application of the interferometric radar for dynamic tests of corrugated steel plate (CSP) culvert. NDT and E International, 2011, 44, 405-412.	3.7	44
2	Dynamic amplification factors of corrugated steel plate culverts. Engineering Structures, 2013, 46, 193-204.	5.3	39
3	Seismic vulnerability of a soil-steel composite tunnel â€“ Norway Tolpinrud Railway Tunnel Case Study. Tunnelling and Underground Space Technology, 2021, 110, 103808.	6.2	35
4	Numerical analysis of a soil-steel bridge during backfilling using various shell models. Engineering Structures, 2019, 196, 109358.	5.3	32
5	Experimental Study on the Dynamic Impacts of Service Train Loads on a Corrugated Steel Plate Culvert. Journal of Bridge Engineering, 2013, 18, 339-346.	2.9	31
6	Field Performance of Corrugated Steel Plate Road Culvert under Normal Live-Load Conditions. Journal of Performance of Constructed Facilities, 2013, 27, 807-817.	2.0	31
7	Corrugated Steel Plate Culvert Response to Service Train Loads. Journal of Performance of Constructed Facilities, 2014, 28, 376-390.	2.0	28
8	NUMERICAL ANALYSIS OF CORRUGATED STEEL PLATE BRIDGE WITH REINFORCED CONCRETE RELIEVING SLAB. Journal of Civil Engineering and Management, 2015, 22, 585-596.	3.5	28
9	Comparison of Non-Destructive Techniques for Technological Bridge Deflection Testing. Materials, 2020, 13, 1908.	2.9	26
10	Static Load Tests of a Road Bridge with a Flexible Structure Made from Super Cor Type Steel Corrugated Plates. Journal of Bridge Engineering, 2005, 10, 604-621.	2.9	22
11	Research on Steel Shell of a Road Bridge Made of Corrugated Plates during Backfilling. Journal of Bridge Engineering, 2005, 10, 592-603.	2.9	22
12	Dynamic testing of a corrugated steel arch bridge. Canadian Journal of Civil Engineering, 2008, 35, 246-257.	1.3	22
13	Identification of viaduct beam parameters using the Ground Penetrating Radar (GPR) technique. NDT and E International, 2012, 49, 18-26.	3.7	22
14	Application of EPS Geofoam to a Soilâ€“Steel Bridge to Reduce Seismic Excitations. Geosciences (Switzerland), 2019, 9, 448.	2.2	22
15	Influence of selected hydrophobic agents on some properties of autoclaving cellular concrete (ACC). Construction and Building Materials, 2011, 25, 282-287.	7.2	16
16	Crossings Construction as a Method of Animal Conservation. Transportation Research Procedia, 2016, 14, 474-483.	1.5	16
17	Soil-Steel Bridges. Geotechnical, Geological and Earthquake Engineering, 2020, , .	0.2	16
18	A Case Study on the Noncontact Inventory of the Oldest European Cast-iron Bridge Using Terrestrial Laser Scanning and Photogrammetric Techniques. Remote Sensing, 2020, 12, 2745.	4.0	15

#	Article	IF	Citations
19	Numerical analysis of a soil-steel bridge structure. Baltic Journal of Road and Bridge Engineering, 2009, 4, 13-21.	0.8	15
20	Backfill Corrosivity around Corrugated Steel Plate Culverts. Journal of Performance of Constructed Facilities, 2015, 29, .	2.0	14
21	Dynamic testing of a soil-steel bridge. Structural Engineering and Mechanics, 2010, 35, 301-314.	1.0	14
22	Numerical study of performance of soil-steel bridge during soil backfilling. Structural Engineering and Mechanics, 2012, 42, 571-587.	1.0	14
23	Influence of Traffic-Induced Vibrations on Humans and Residential Buildingâ€"A Case Study. International Journal of Environmental Research and Public Health, 2022, 19, 5441.	2.6	14
24	Static Load Tests of a Corrugated Steel Plate Arch with Relieving Slab. Journal of Bridge Engineering, 2008, 13, 362-376.	2.9	13
25	CROSSINGS FOR ANIMALS â€“ AN EFFECTIVE METHOD OF WILD FAUNA CONSERVATION GYVÅ³NÅ² PERÄ–JOS â€“ EFEKTYVUS FAUNOS APSAUGOS METODAS / ĐŸĐ•ĐĐ•Đ¥ĐžĐ" Đ"Đ›Đ¯ Đ–Đ¯Đ'ĐžĐ¢ĐĐ«Đ¥ â€“ ĐĐĐĐ•ĐšĐ¢Đ¯Đ'ĐĐ™ Đ¤Đ•Đ¢ĐžĐ". Management, 2012, 20, 86-96.	2.9	12
26	Tests During Three Stages of Construction of a Road Bridge with a Flexible Load-Carrying Structure Made of Super Cor Type Steel Corrugated Plates Interacting with Soil. Journal of Bridge Engineering, 2005, 10, 570-591.	2.9	11
27	Diagnosis of bedrock course and retaining wall using GPR. NDT and E International, 2013, 59, 77-85.	3.7	8
28	Behaviour of corrugated steel plate bridge with high soil cover under seismic excitation. MATEC Web of Conferences, 2018, 174, 04003.	0.2	8
29	THE ROLE OF BACKFILL QUALITY ON CORRUGATED STEEL PLATE CULVERT BEHAVIOUR. Baltic Journal of Road and Bridge Engineering, 2017, 12, 1-11.	0.8	8
30	Static tests on a soilâ€"steel bridge structure with a relieving slab. Structure and Infrastructure Engineering, 2010, 6, 329-346.	3.7	6
31	Influence of a Rejuvenator on Homogenization of an Asphalt Mixture with Increased Content of Reclaimed Asphalt Pavement in Lowered Technological Temperatures. Materials, 2021, 14, 2567.	2.9	6
32	Ground Penetrating Radar Application to Testing of Reinforced Concrete Beams. Procedia Engineering, 2013, 65, 242-247.	1.2	5
33	The impact of backfill quality on soil-steel composite bridge response under seismic excitation. IOP Conference Series: Materials Science and Engineering, 0, 419, 012040.	0.6	5
34	Study on the Restoration of a Masonry Arch Viaduct: Numerical Analysis and Lab Tests. Materials, 2020, 13, 1846.	2.9	5
35	The effect of mine induced tremors on seismic response of soil-steel bridges. MATEC Web of Conferences, 2018, 174, 04002.	0.2	4
36	Interferometric radar application for dynamic testing of bridge structures. , 2014, , 2289-2296.		4

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37	Full-scale field tests of soil-steel bridge structure in two stages of its construction. Archives of Civil and Mechanical Engineering, 2006, 6, 57-76.	3.8	3
38	Dynamic testing of railway metal culvert using geodetic methods. MATEC Web of Conferences, 2017, 107, 00020.	0.2	2
39	Application of Interferometry Method for Dynamic Continuous Testing of Bridges. Periodica Polytechnica: Civil Engineering, 2016, , 387-395.	0.6	1
40	Hybrid measurement techniques used to a study of historic cast iron suspension bridge. IOP Conference Series: Materials Science and Engineering, 0, 419, 012013.	0.6	1
41	GPR testing of reinforced concrete viaduct beams. , 2013, , 245-252.		1
42	Experimental Testing of Soil-Steel Railway Bridge Under Normal Train Loads. Lecture Notes in Civil Engineering, 2018, , 805-815.	0.4	1
43	Displacements Monitoring of Suspension Bridge Using Geodetic Techniques. Lecture Notes in Civil Engineering, 2018, , 331-342.	0.4	1
44	Behaviour of corrugated plate culvert under backfilling loads. Steel Construction, 2009, 2, 188-202.	0.8	0
45	Evaluation of the traffic impact on residential building. MATEC Web of Conferences, 2017, 107, 00063.	0.2	0
46	Dynamic analysis of soil-steel arch road bridges. Bridge Maintenance, Safety and Management, 2010, , 579-579.	0.1	0
47	Rehabilitation of old arch bridges using corrugated shell structures. Bridge Maintenance, Safety and Management, 2010, , 581-581.	0.1	0
48	Numerical analysis of soil-steel bridge. Budownictwo I Architektura, 2020, 13, 153-161.	0.3	0
49	Improved design of composite highway-bridges to enhance lifetime performance. Life-cycle of Civil Engineering Systems, 2014, , 2032-2039.	0.1	0
50	Finite element analysis of metal-soil bridge under static loads. , 2016, , 279-286.		0
51	Impact of Boundary Conditions on the Soil-Steel Arch Bridge Behaviour Under Seismic Excitation. Structural Integrity, 2020, , 136-144.	1.4	0
52	Seismic Response of Soil-Steel Bridge with the EPS Geofoams. , 2020, , 1043-1054.		0
53	Testing and Durability of Soil-Steel Bridges. Geotechnical, Geological and Earthquake Engineering, 2020, , 155-212.	0.2	0
54	Corrosion Problem of Soil-Steel Bridges. Geotechnical, Geological and Earthquake Engineering, 2020, , 119-154.	0.2	0

#	Article	IF	Citations
55	Selected Issues of Soil-Steel Bridge Design and Analysis. Geotechnical, Geological and Earthquake Engineering, 2020, , 17-118.	0.2	0