

Julien Michels

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7031884/publications.pdf>

Version: 2024-02-01

36
papers

1,347
citations

394421

19
h-index

414414

32
g-index

36
all docs

36
docs citations

36
times ranked

792
citing authors

#	ARTICLE	IF	CITATIONS
1	Uniaxial behavior of pre-stressed iron-based shape memory alloy rebars under cyclic loading reversals. <i>Construction and Building Materials</i> , 2022, 326, 126900.	7.2	9
2	Iron based shape memory alloys as shear reinforcement for bridge girders. <i>Construction and Building Materials</i> , 2021, 274, 121793.	7.2	54
3	Strengthening and prestressing of bridge decks with ribbed iron-based shape memory alloy bars. <i>Engineering Structures</i> , 2021, 241, 112467.	5.3	44
4	Experimental tests of post-tensioned girders strengthened with prestressed CFRP composites. <i>Budownictwo I Architektura</i> , 2020, 13, 159-166.	0.3	0
5	A comparative study between Fe-SMA and CFRP reinforcements for prestressed strengthening of metallic structures. <i>Construction and Building Materials</i> , 2019, 226, 976-992.	7.2	54
6	Thermally activated iron-based shape memory alloy for strengthening metallic girders. <i>Thin-Walled Structures</i> , 2019, 141, 389-401.	5.3	73
7	Long-term structural and durability performances of reinforced concrete elements strengthened in flexure with CFRP laminates: a research project. <i>IABSE Symposium Report</i> , 2019, , .	0.0	0
8	Iron-based shape memory alloy strips for strengthening RC members: Material behavior and characterization. <i>Construction and Building Materials</i> , 2018, 173, 586-599.	7.2	133
9	Long-term residual anchorage resistance of gradient anchorages for prestressed CFRP strips. <i>Composites Part B: Engineering</i> , 2018, 139, 171-184.	12.0	17
10	Fatigue behaviour at elevated temperature of RC slabs strengthened with EB CFRP strips. <i>Composites Part B: Engineering</i> , 2018, 141, 37-49.	12.0	16
11	Flexural strengthening of structural concrete with iron-based shape memory alloy strips. <i>Structural Concrete</i> , 2018, 19, 876-891.	3.1	65
12	The Gradient Anchorage Method for Prestressed CFRP Strips: from the Development to the Strengthening of an 18 M Long Bridge Girder. <i>Slovak Journal of Civil Engineering</i> , 2018, 26, 29-40.	0.5	3
13	Behaviour of Prestressed CFRP Anchorages during and after Freeze-Thaw Cycle Exposure. <i>Polymers</i> , 2018, 10, 565.	4.5	15
14	Mechanical Performance of Fe-SMA Ribbed Bars for Concrete Prestressing. <i>ACI Materials Journal</i> , 2018, 115, .	0.2	8
15	Shear Capacity Assessment of Posttensioned Concrete Girders Strengthened with CFRP Materials. , 2018, , 858-866.		0
16	Durability of RC slabs strengthened with prestressed CFRP laminate strips under different environmental and loading conditions. <i>Composites Part B: Engineering</i> , 2017, 125, 71-88.	12.0	39
17	Influence of the asphalt pavement on the short-term static strength and long-term behaviour of RC slabs strengthened with externally bonded CFRP strips. <i>Engineering Structures</i> , 2017, 150, 481-496.	5.3	12
18	Mechanical performance of cold-curing epoxy adhesives after different mixing and curing procedures. <i>Composites Part B: Engineering</i> , 2016, 98, 434-443.	12.0	55

#	ARTICLE	IF	CITATIONS
19	Calculation Technique for Externally Unbonded CFRP Strips in Structural Concrete Retrofitting. Journal of Engineering Mechanics - ASCE, 2016, 142, .	2.9	9
20	Prestressed CFRP Strips for Concrete Bridge Girder Retrofitting: Application and Static Loading Test. Journal of Bridge Engineering, 2016, 21, .	2.9	39
21	Prestress force-release tests at elevated temperatures " Gradient anchorage stability for prestressed EB CFRP strips. Composite Structures, 2016, 137, 159-169.	5.8	8
22	Prestressed FRP Systems. RILEM State-of-the-Art Reports, 2016, , 263-301.	0.7	12
23	Flexural Strengthening of RC Slabs with Prestressed CFRP Strips Using Different Anchorage Systems. Polymers, 2015, 7, 2100-2118.	4.5	20
24	Flexural behaviour of RC slabs strengthened with prestressed CFRP strips using different anchorage systems. Composites Part B: Engineering, 2015, 81, 158-170.	12.0	43
25	Glass transition evaluation of commercially available epoxy resins used for civil engineering applications. Composites Part B: Engineering, 2015, 77, 484-493.	12.0	114
26	Structural Strengthening of Concrete with Fiber Reinforced Cementitious Matrix (FRCM) at Ambient and Elevated Temperature " Recent Investigations in Switzerland. Advances in Structural Engineering, 2014, 17, 1785-1799.	2.4	28
27	Prestressed CFRP Strips with Gradient Anchorage for Structural Concrete Retrofitting: Experiments and Numerical Modeling. Polymers, 2014, 6, 114-131.	4.5	45
28	Debonding failure mechanisms in prestressed CFRP/epoxy/concrete connections. Engineering Fracture Mechanics, 2014, 132, 16-37.	4.3	19
29	Anchorage resistance of CFRP strips externally bonded to various cementitious substrates. Composites Part B: Engineering, 2014, 63, 50-60.	12.0	9
30	Structural Strengthening with Prestressed CFRP Strips with Gradient Anchorage. Journal of Composites for Construction, 2013, 17, 651-661.	3.2	99
31	Experimental and numerical investigation on postcracking behavior of steel fiber reinforced concrete. Engineering Fracture Mechanics, 2013, 98, 326-349.	4.3	77
32	Effect of curing conditions on strength development in an epoxy resin for structural strengthening. Composites Part B: Engineering, 2012, 43, 398-410.	12.0	95
33	Temporary bond strength of partly cured epoxy adhesive for anchoring prestressed CFRP strips on concrete. Composite Structures, 2012, 94, 2667-2676.	5.8	24
34	Steel fibers as only reinforcement for flat slab construction " Experimental investigation and design. Construction and Building Materials, 2012, 26, 145-155.	7.2	94
35	Tragverhalten von Flachdecken aus Stahlfaserbeton im negativen Momentenbereich und Bemessungsmodell für das Gesamtsystem. Beton- Und Stahlbetonbau, 2010, 105, 496-508.	0.4	5
36	Development of Rolling Technology for an Iron-Based Shape-Memory-Alloy. Materials Science Forum, 0, 854, 79-86.	0.3	10