

Abdeldjelil Belarbi

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,214
citations

304743

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361022

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39
docs citations

39
times ranked

869
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical behavior of mild and corrosion resistant concrete reinforcing steels. <i>Construction and Building Materials</i> , 2020, 232, 117205.	7.2	57
2	Truss modeling of as-built and CFRP-repaired RC bridge columns subjected to combined cyclic lateral loading and torsion. <i>Engineering Structures</i> , 2019, 200, 109664.	5.3	4
3	Rehabilitation of corroded H-piles using friction-type bolted plate-based repair system. <i>Journal of Constructional Steel Research</i> , 2018, 145, 277-288.	3.9	1
4	Advancements in Concrete Mix Designs: High-Performance and Ultrahigh-Performance Concretes from 1970 to 2016. <i>Journal of Materials in Civil Engineering</i> , 2018, 30, .	2.9	50
5	Prestressing bridge girders with carbon fiber-reinforced polymer: State of knowledge and research needs. <i>Advances in Structural Engineering</i> , 2018, 21, 598-612.	2.4	3
6	Behavior of FRP-strengthened RC elements subjected to pure shear. <i>Construction and Building Materials</i> , 2018, 170, 378-391.	7.2	6
7	Reinforced Concrete Degradation in the Harsh Climates of the Arabian Gulf: Field Study on 30-to-50-Year-Old Structures. <i>Journal of Performance of Constructed Facilities</i> , 2018, 32, 04018059.	2.0	20
8	Material Laws of FRP-Strengthened RC Element in Biaxial Tension-Compression. <i>Journal of Composites for Construction</i> , 2017, 21, .	3.2	8
9	Finite element model for predicting the shear behavior of FRP-strengthened RC members. <i>Engineering Structures</i> , 2017, 153, 239-253.	5.3	5
10	Cracking behavior and crack width predictions of FRP strengthened RC members under tension. <i>Engineering Structures</i> , 2016, 125, 313-324.	5.3	23
11	Inelastic Buckling Behavior of Steel H-Piles with Localized Severe Corrosion. <i>Journal of Bridge Engineering</i> , 2016, 21, .	2.9	9
12	Repair of RC bridge columns with interlocking spirals and fractured longitudinal bars – An experimental study. <i>Construction and Building Materials</i> , 2015, 78, 405-420.	7.2	23
13	Emergency repair of an RC bridge column with fractured bars using externally bonded prefabricated thin CFRP laminates and CFRP strips. <i>Composite Structures</i> , 2015, 133, 727-738.	5.8	31
14	Experimental investigation of short steel columns with localized corrosion. <i>Thin-Walled Structures</i> , 2015, 87, 191-199.	5.3	78
15	Numerical investigation of H-shaped short steel piles with localized severe corrosion. <i>Engineering Structures</i> , 2014, 73, 114-124.	5.3	42
16	Tension Stiffening of Reinforced Concrete Shear Elements Strengthened with Externally Bonded FRP Sheets. <i>IABSE Symposium Report</i> , 2014, , .	0.0	2
17	Torsional Repair of Severely Damaged Column Using Carbon Fiber-Reinforced Polymer. <i>ACI Structural Journal</i> , 2014, 111, .	0.2	25
18	Damage assessment of square RC bridge columns subjected to torsion combined with axial compression, flexure, and shear. <i>KSCE Journal of Civil Engineering</i> , 2013, 17, 530-539.	1.9	18

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19	Rapid Repair of Severely Damaged RC Columns with Different Damage Conditions: An Experimental Study. <i>International Journal of Concrete Structures and Materials</i> , 2013, 7, 35-50.	3.2	40
20	Rapid repair of a severely damaged RC column having fractured bars using externally bonded CFRP. <i>Composite Structures</i> , 2013, 101, 225-242.	5.8	54
21	Flexural durability of FRP bars embedded in fiber-reinforced-concrete. <i>Construction and Building Materials</i> , 2013, 44, 541-550.	7.2	34
22	Behavior of Various Anchorage Systems Used for Shear Strengthening of Concrete Structures with Externally Bonded FRP Sheets. <i>Journal of Bridge Engineering</i> , 2013, 18, 837-847.	2.9	41
23	Reliability Assessment of FRP-Strengthened Concrete Bridge Girders in Shear. <i>Journal of Composites for Construction</i> , 2013, 17, 91-100.	3.2	26
24	Behavior of RC T-Beams Strengthened in Shear with CFRP under Cyclic Loading. <i>Journal of Bridge Engineering</i> , 2013, 18, 99-109.	2.9	25
25	Bond Durability of FRP Bars Embedded in Fiber-Reinforced Concrete. <i>Journal of Composites for Construction</i> , 2012, 16, 371-380.	3.2	61
26	Performance-based Design Approach for RC Bridge Columns with Interlocking Spirals under Cyclic Combined Loading Including Torsion Using Damage Index Model. , 2012, , .		0
27	Behavior of full-scale RC T-beams strengthened in shear with externally bonded FRP sheets. <i>Construction and Building Materials</i> , 2012, 32, 27-40.	7.2	90
28	Three-Dimensional Nonlinear Finite-Element Analysis of Prestressed Concrete Beams Strengthened in Shear with FRP Composites. <i>Journal of Composites for Construction</i> , 2011, 15, 896-907.	3.2	17
29	Thickness of shear flow zone in a circular RC column under pure torsion. <i>Engineering Structures</i> , 2011, 33, 2435-2447.	5.3	5
30	Ductility characteristics of fiber-reinforced-concrete beams reinforced with FRP rebars. <i>Construction and Building Materials</i> , 2011, 25, 2391-2401.	7.2	133
31	Seismic performance of circular RC columns subjected to axial force, bending, and torsion with low and moderate shear. <i>Engineering Structures</i> , 2010, 32, 46-59.	5.3	68
32	Static and Fatigue Bond Characteristics of FRP Rebars Embedded in Fiber-reinforced Concrete. <i>Journal of Composite Materials</i> , 2010, 44, 1605-1622.	2.4	38
33	Towards Damage-Based Design Approach for RC Bridge Columns Under Combined Loadings Using Damage Index Models. <i>Journal of Earthquake Engineering</i> , 2010, 14, 363-389.	2.5	15
34	Model for Reinforced Concrete Members under Torsion, Bending, and Shear. II: Model Application and Validation. <i>Journal of Engineering Mechanics - ASCE</i> , 2009, 135, 970-977.	2.9	13
35	Effects of Corrosion of Steel Reinforcement on RC Columns Wrapped with FRP Sheets. <i>Journal of Performance of Constructed Facilities</i> , 2009, 23, 20-31.	2.0	23
36	Model for Reinforced Concrete Members under Torsion, Bending, and Shear. I: Theory. <i>Journal of Engineering Mechanics - ASCE</i> , 2009, 135, 961-969.	2.9	44

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37	Cracking Tendency of Self-Compacting Concrete Subjected to Restrained Shrinkage: Experimental Study and Modeling. <i>Journal of Materials in Civil Engineering</i> , 2006, 18, 46-54.	2.9	60
38	Seismic Performance of Architectural Glass in a Storefront Wall System. <i>Earthquake Spectra</i> , 1995, 11, 367-391.	3.1	22