

Abdeldjelil Belarbi

List of Publications by Year in descending order

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38
papers

1,214
citations

304743

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361022

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docs citations

39
times ranked

869
citing authors

#	ARTICLE	IF	CITATIONS
1	Ductility characteristics of fiber-reinforced-concrete beams reinforced with FRP rebars. <i>Construction and Building Materials</i> , 2011, 25, 2391-2401.	7.2	133
2	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
3	Experimental investigation of short steel columns with localized corrosion. <i>Thin-Walled Structures</i> , 2015, 87, 191-199.	5.3	78
4	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
5	Bond Durability of FRP Bars Embedded in Fiber-Reinforced Concrete. <i>Journal of Composites for Construction</i> , 2012, 16, 371-380.	3.2	61
6	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
7	Electrochemical behavior of mild and corrosion resistant concrete reinforcing steels. <i>Construction and Building Materials</i> , 2020, 232, 117205.	7.2	57
8	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
9	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
10	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
11	Numerical investigation of H-shaped short steel piles with localized severe corrosion. <i>Engineering Structures</i> , 2014, 73, 114-124.	5.3	42
12	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
13	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
14	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
15	Flexural durability of FRP bars embedded in fiber-reinforced-concrete. <i>Construction and Building Materials</i> , 2013, 44, 541-550.	7.2	34
16	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
17	Reliability Assessment of FRP-Strengthened Concrete Bridge Girders in Shear. <i>Journal of Composites for Construction</i> , 2013, 17, 91-100.	3.2	26
18	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

#	ARTICLE	IF	CITATIONS
19	Torsional Repair of Severely Damaged Column Using Carbon Fiber-Reinforced Polymer. ACI Structural Journal, 2014, 111, .	0.2	25
20	Effects of Corrosion of Steel Reinforcement on RC Columns Wrapped with FRP Sheets. Journal of Performance of Constructed Facilities, 2009, 23, 20-31.	2.0	23
21	Repair of RC bridge columns with interlocking spirals and fractured longitudinal bars – An experimental study. Construction and Building Materials, 2015, 78, 405-420.	7.2	23
22	Cracking behavior and crack width predictions of FRP strengthened RC members under tension. Engineering Structures, 2016, 125, 313-324.	5.3	23
23	Seismic Performance of Architectural Glass in a Storefront Wall System. Earthquake Spectra, 1995, 11, 367-391.	3.1	22
24	Reinforced Concrete Degradation in the Harsh Climates of the Arabian Gulf: Field Study on 30-to-50-Year-Old Structures. Journal of Performance of Constructed Facilities, 2018, 32, 04018059.	2.0	20
25	Damage assessment of square RC bridge columns subjected to torsion combined with axial compression, flexure, and shear. KSCE Journal of Civil Engineering, 2013, 17, 530-539.	1.9	18
26	Three-Dimensional Nonlinear Finite-Element Analysis of Prestressed Concrete Beams Strengthened in Shear with FRP Composites. Journal of Composites for Construction, 2011, 15, 896-907.	3.2	17
27	Towards Damage-Based Design Approach for RC Bridge Columns Under Combined Loadings Using Damage Index Models. Journal of Earthquake Engineering, 2010, 14, 363-389.	2.5	15
28	Model for Reinforced Concrete Members under Torsion, Bending, and Shear. II: Model Application and Validation. Journal of Engineering Mechanics - ASCE, 2009, 135, 970-977.	2.9	13
29	Inelastic Buckling Behavior of Steel H-Piles with Localized Severe Corrosion. Journal of Bridge Engineering, 2016, 21, .	2.9	9
30	Material Laws of FRP-Strengthened RC Element in Biaxial Tension–Compression. Journal of Composites for Construction, 2017, 21, .	3.2	8
31	Behavior of FRP-strengthened RC elements subjected to pure shear. Construction and Building Materials, 2018, 170, 378-391.	7.2	6
32	Thickness of shear flow zone in a circular RC column under pure torsion. Engineering Structures, 2011, 33, 2435-2447.	5.3	5
33	Finite element model for predicting the shear behavior of FRP-strengthened RC members. Engineering Structures, 2017, 153, 239-253.	5.3	5
34	Truss modeling of as-built and CFRP-repaired RC bridge columns subjected to combined cyclic lateral loading and torsion. Engineering Structures, 2019, 200, 109664.	5.3	4
35	Prestressing bridge girders with carbon fiber–reinforced polymer: State of knowledge and research needs. Advances in Structural Engineering, 2018, 21, 598-612.	2.4	3
36	Tension Stiffening of Reinforced Concrete Shear Elements Strengthened with Externally Bonded FRP Sheets. IABSE Symposium Report, 2014, , .	0.0	2

#	ARTICLE	IF	CITATIONS
37	Rehabilitation of corroded H-piles using friction-type bolted plate-based repair system. Journal of Constructional Steel Research, 2018, 145, 277-288.	3.9	1
38	Performance-based Design Approach for RC Bridge Columns with Interlocking Spirals under Cyclic Combined Loading Including Torsion Using Damage Index Model. , 2012, , .		0