

Mounir El Debs

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

810
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623574

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all docs

51
docs citations

51
times ranked

646
citing authors

#	ARTICLE	IF	CITATIONS
1	Bond-slip behavior of self-compacting concrete and vibrated concrete using pull-out and beam tests. <i>Materials and Structures/Materiaux Et Constructions</i> , 2008, 41, 1073-1089.	1.3	111
2	Influence of concrete strength and length/diameter on the axial capacity of CFT columns. <i>Journal of Constructional Steel Research</i> , 2009, 65, 2103-2110.	1.7	103
3	Mechanical damage evolution in UHPFRC: Experimental and numerical investigation. <i>Engineering Structures</i> , 2018, 170, 63-77.	2.6	75
4	Evaluation of passive confinement in CFT columns. <i>Journal of Constructional Steel Research</i> , 2010, 66, 487-495.	1.7	54
5	Bending behavior of mortar reinforced with steel meshes and polymeric fibers. <i>Cement and Concrete Composites</i> , 1995, 17, 327-338.	4.6	39
6	Evaluation of the influence of the column axial load on the behavior of monotonically loaded R/C exterior beam-column joints through numerical simulations. <i>Engineering Structures</i> , 2008, 30, 965-975.	2.6	37
7	A cost optimization-based design of precast concrete floors using genetic algorithms. <i>Automation in Construction</i> , 2012, 22, 348-356.	4.8	36
8	Stress-strain curves for steel fiber-reinforced concrete in compression. <i>Revista Materia</i> , 2010, 15, 260-266.	0.1	30
9	Numerical analysis of reinforced high strength concrete corbels. <i>Engineering Structures</i> , 2014, 74, 130-144.	2.6	30
10	An experimental study on cyclic behaviour of reinforced concrete connections. <i>Canadian Journal of Civil Engineering</i> , 2007, 34, 565-575.	0.7	26
11	Using a modified genetic algorithm to minimize the production costs for slabs of precast prestressed concrete joists. <i>Engineering Applications of Artificial Intelligence</i> , 2007, 20, 519-530.	4.3	24
12	Analysis of the behavior of transverse walls of socket base connections. <i>Engineering Structures</i> , 2009, 31, 788-798.	2.6	19
13	Analysing the base of precast column in socket foundations with smooth interfaces. <i>Materials and Structures/Materiaux Et Constructions</i> , 2009, 42, 725-737.	1.3	18
14	Analysis of a semi-rigid connection for precast concrete. <i>Proceedings of the Institution of Civil Engineers: Structures and Buildings</i> , 2010, 163, 41-51.	0.4	16
15	An investigation of the use of three selection-based genetic algorithm families when minimizing the production cost of hollow core slabs. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2005, 194, 4651-4667.	3.4	15
16	Numerical and experimental analysis of lateral stability in precast concrete beams. <i>Magazine of Concrete Research</i> , 2005, 57, 635-647.	0.9	12
17	Compression tests of cement-composite bearing pads for precast concrete connections. <i>Cement and Concrete Composites</i> , 2006, 28, 621-629.	4.6	12
18	Temporary beam-to-column connection for precast concrete frame assembly. <i>Engineering Structures</i> , 2018, 171, 529-544.	2.6	12

#	ARTICLE	IF	CITATIONS
19	Behavior and punching capacity of flat slabs with the rational use of UHPFRC: NLFEA and analytical predictions. <i>Engineering Structures</i> , 2021, 244, 112774.	2.6	12
20	Design model for socket base connections adjusted from experimental results. <i>Structural Concrete</i> , 2007, 8, 3-10.	1.5	11
21	Influence of high column axial loads in exterior R/C beam-column joints. <i>KSCE Journal of Civil Engineering</i> , 2014, 18, 558-565.	0.9	10
22	Interface strength of High-Strength concrete to Ultra-High-Performance concrete. <i>Engineering Structures</i> , 2022, 252, 113591.	2.6	9
23	Determina�o do m�dulo de elasticidade do concreto a partir da resposta ac�stica. <i>Revista IBRACON De Estruturas E Materiais</i> , 2011, 4, 803-813.	0.3	8
24	Design model and recommendations of column-foundation connection through socket with rough interfaces. <i>Revista IBRACON De Estruturas E Materiais</i> , 2012, 5, 182-218.	0.3	8
25	Behaviour of grouted dowels used in precast concrete connections. <i>Structural Concrete</i> , 2012, 13, 84-94.	1.5	7
26	One-way shear strength of wide reinforced concrete members without stirrups. <i>Structural Concrete</i> , 2021, 22, 968-992.	1.5	7
27	Strength of shear connection in composite bridges with precast decks using high performance concrete and shear-keys. <i>Materials and Structures/Materiaux Et Constructions</i> , 2005, 38, 173-181.	1.3	5
28	A comparative experimental investigation of reinforced-concrete pipes under three-edge-bearing test: Spigot and Pocket and Ogee Joint pipes. <i>Acta Scientiarum - Technology</i> , 2018, 40, 30860.	0.4	5
29	Analytical solutions for rollover instability of concrete beams on elastomeric bearing pads. <i>Engineering Structures</i> , 2018, 174, 154-164.	2.6	5
30	Computational modelling and analytical model for two-step corbel for precast concrete system. <i>Engineering Structures</i> , 2021, 244, 112699.	2.6	5
31	Load-bearing capacity of mortar joints between precast elements. <i>Magazine of Concrete Research</i> , 2006, 58, 589-599.	0.9	4
32	Avalia�o da confiabilidade de tubos de concreto armado no estado limite de fissura�o. <i>Revista IBRACON De Estruturas E Materiais</i> , 2008, 1, 314-330.	0.3	4
33	Desenvolvimento de equa�es para a limita�o do peso de ve�culos de carga em pontes de concreto atrav�s da teoria de confiabilidade. <i>Revista IBRACON De Estruturas E Materiais</i> , 2008, 1, 421-450.	0.3	4
34	Contribution to assessing the stiffness reduction of structural elements in the global stability analysis of precast concrete multi-storey buildings. <i>Revista IBRACON De Estruturas E Materiais</i> , 2012, 5, 316-342.	0.3	4
35	Comparative analysis of design models for concrete corbels. <i>Revista IBRACON De Estruturas E Materiais</i> , 2016, 9, 435-470.	0.3	4
36	Precast Beam�Column Connection Subjected to Cyclic and Dynamic Loadings. <i>Structural Engineering International: Journal of the International Association for Bridge and Structural Engineering (IABSE)</i> , 2017, 27, 114-126.	0.5	4

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37	Experimental analysis of a modified two-step corbel for precast concrete system. Engineering Structures, 2021, 242, 112585.	2.6	4
38	Projeto da base de pilares prÃ©-moldados embutidos em cÃ¡llices de fundaÃ§Ã£o com interfaces lisas. Revista IBRACON De Estruturas E Materiais, 2011, 4, 304-323.	0.3	3
39	Shear strength analysis of slabs without transverse reinforcement under concentrated loads according to ABNT NBR 6118:2014. Revista IBRACON De Estruturas E Materiais, 2019, 12, 658-693.	0.3	3
40	Experimental and analytical studies on the lateral instability of UHPFRC beams lifted by cables. Composite Structures, 2019, 209, 652-667.	3.1	3
41	Cement-based bearing pads for precast concrete connections. Proceedings of Institution of Civil Engineers: Construction Materials, 2013, 166, 286-294.	0.7	2
42	Evaluation of the bond strength behavior between steel bars and High Strength Fiber Reinforced Self-Compacting Concrete at early ages. , 2008, , 112-112.		2
43	Numerical approach of the bond stress behavior of steel bars embedded in self-compacting concrete and in ordinary concrete using beam models. Revista IBRACON De Estruturas E Materiais, 2013, 6, 499-512.	0.3	1
44	Strength of shear connection in composite bridges with precast decks using high performance concrete and shear-keys. Materials and Structures/Materiaux Et Constructions, 2005, 38, 173-181.	1.3	1
45	Recommendations for verifying lateral stability of precast beams in transitory phases. Revista IBRACON De Estruturas E Materiais, 2015, 8, 763-774.	0.3	1
46	Large culverts made with precast concrete arch-shape elements connected with cast in place concrete.. IABSE Symposium Report, 2014, , .	0.0	0
47	Non-destructive evaluation of composite beams of steel and concrete connected by adherence after monotonic tests. IABSE Symposium Report, 2014, , .	0.0	0
48	Contributions to the design of precast concrete culverts with unusual cross sections. Revista IBRACON De Estruturas E Materiais, 2021, 14, .	0.3	0
49	Push-out tests of straight shear connectors based on steel-concrete adherence. Bridge Maintenance, Safety and Management, 2012, , 2960-2966.	0.1	0
50	Innovative structural system consisting of CFT columns and precast concrete beams. , 2016, , 1069-1076.		0