

Leandro Mouta Trautwein

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

171
citations

1307594

7
h-index

1199594

12
g-index

41
all docs

41
docs citations

41
times ranked

129
citing authors

#	ARTICLE	IF	CITATIONS
1	Failure analysis of punching in reinforced concrete flat slabs with openings adjacent to the column. Engineering Structures, 2019, 182, 331-343.	5.3	37
2	Experimental investigation of glued-laminated timber beams with Vectran-FRP reinforcement. Engineering Structures, 2020, 202, 109818.	5.3	31
3	Modelos de fissura não distribuída em vigas de concreto armado pelo método dos elementos finitos. Revista IBRACON De Estruturas E Materiais, 2009, 2, 166-200.	0.6	16
4	Reliability analysis of shear strength of reinforced concrete deep beams using NLFEA. Engineering Structures, 2020, 203, 109760.	5.3	12
5	Punching of reinforced concrete flat slabs with holes and shear reinforcement. REM: International Engineering Journal, 2017, 70, 407-413.	0.4	11
6	Interfacial mechanics of steel fibers in a High-Strength Fiber-Reinforced Self Compacting Concrete. Construction and Building Materials, 2021, 301, 124344.	7.2	8
7	Influence of coarse aggregate on concrete's elasticity modulus. Acta Scientiarum - Technology, 2017, 39, 17.	0.4	7
8	Reinforced Concrete Corbel Strengthened Using Carbon Fiber Reinforced Polymer (CFRP) Sheets. Journal of Composites Science, 2019, 3, 26.	3.0	7
9	Reinforced concrete flat slabs with openings at different distances from the column. Revista IBRACON De Estruturas E Materiais, 2021, 14, .	0.6	6
10	Punching Shear Strength Model for Reinforced Concrete Flat Slabs with Openings. Journal of Structural Engineering, 2021, 147, .	3.4	6
11	Comparison and calibration of numerical models from monitoring data of a reinforced concrete highway bridge. Revista IBRACON De Estruturas E Materiais, 2013, 6, 121-138.	0.6	5
12	Resistência ao cisalhamento em vigas de concreto armado sem armadura transversal reforçadas com fibras de aço. Ambiente Construção, 2018, 18, 255-270.	0.4	5
13	Numerical investigation of the punching shear capacity of unbonded post-tensioned concrete flat slabs. Structural Concrete, 2021, 22, 1205-1222.	3.1	5
14	Aspects of Finite Element Modeling of Punching Shear Behavior of Reinforced Concrete Flat Slabs. Latin American Journal of Solids and Structures, 2018, 15, .	1.0	4
15	Experimental Evaluation of the Load Carrying Capacity of SFRC Flat Slabs Varying the Rectangularity Index of Columns. KSCE Journal of Civil Engineering, 2021, 25, 574-585.	1.9	3
16	Análise experimental de pilares de concreto armado, com carga excêntrica, reforçados com chumbadores e concreto autoadensável (CAA). REEC: Revista Eletrônica De Engenharia Civil, 2014, 8, .	0.1	3
17	Experimental analysis of the concrete contribution to shear strength beams without shear reinforcement. Revista IBRACON De Estruturas E Materiais, 2017, 10, 160-172.	0.6	2
18	A Comparative Study of the Shear Strength Prediction for Reinforced Concrete Beams without Shear Reinforcement. Applied Mechanics and Materials, 2014, 584-586, 1135-1140.	0.2	1

#	ARTICLE	IF	CITATIONS
19	Empirical method for structural damage location using dynamic analysis. Revista IBRACON De Estruturas E Materiais, 2020, 13, 19-31.	0.6	1
20	Aspects of finite element modeling of strengthened RC walls with opening. Latin American Journal of Solids and Structures, 2021, 18, .	1.0	1
21	Study of Density and Modulus of Elasticity of Lightweight Concrete with Brazilian Aggregate. Applied Mechanics and Materials, 0, 467, 257-261.	0.2	0
22	Development of Multimedia Environment for Viewing the State of Stress in a Differential Element. Applied Mechanics and Materials, 2013, 467, 590-593.	0.2	0
23	Influence in the budget of a building structure due to alterations in the standard ABNT NBR 6118:2014. Acta Scientiarum - Technology, 2017, 39, 595.	0.4	0
24	Experimental analysis of eccentrically loaded reinforced concrete columns with an added jacket of self-compacting concrete. Revista IBRACON De Estruturas E Materiais, 2019, 12, 329-336.	0.6	0
25	Numerical analysis of RC wall with opening and strengthened with CFRP. Revista IBRACON De Estruturas E Materiais, 2021, 14, .	0.6	0
26	Advances and Discussions on the Analysis, Design, and Experiments of Structural Systems. Revista De Estrutura Do AÃSo, 0, 2, 166.	0.0	0
27	Puncionamento em lajes planas de concreto armado com armadura de cisalhamento interna. REEC: Revista EletrÃnica De Engenharia Civil, 2013, 7, .	0.1	0
28	AvanÃos e discussÃes sobre anÃlise, dimensionamento e experimentos de sistemas estruturais. Revista De Estrutura Do AÃSo, 0, 3, 263.	0.0	0
29	AnÃlise da punÃÃo em lajes de concreto armado utilizando os recursos do TQS. , 0, , .		0
30	AnÃlise de pÃs puncionamento em lajes lisas de concreto armado utilizando os recursos do TQS. , 0, , .		0
31	Estudo do efeito da torÃÃo devido Ã forÃa do vento em edifÃcios de concreto armado utilizando os recursos do TQS.. , 0, , .		0
32	APLICAÃÃO DE RECURSOS DE MONITORAÃÃO ESTRUTURAL PARA UM PROTÃTIPO EM ESCALA REDUZIDA. , 0, , .		0
33	AvaliaÃÃo das propriedades dinÃmicas de uma ponte em concreto utilizando a tÃcnica de correlaÃÃo de imagens digitais. , 0, , .		0
34	AnÃlise numÃrica de pÃrticos de concreto armado sem armadura transversal para avaliar os mecanismos resistentes ao cisalhamento. , 0, , .		0
35	Study of the Prestressed Concrete Beams Behavior Using Nonlinear Numerical Analysis. Anais Do ... Congresso Ibero-Latino-Americano De MÃtodos Computacionais Em Engenharia, 0, , .	0.0	0
36	Desenvolvimento de uma ferramenta computacional para o dimensionamento de elementos de concreto armado no estado limite Ãltimo segundo a NBR6118-2014. , 0, , .		0

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37	Análise experimental de lajes lisas submetidas a punção. , 0, , .		0
38	Análise de blocos de fundação destinados ao apoio de pilares de geometria complexa. Paranaíba: Cadernos De Arquitetura E Urbanismo, 2020, , 48-66.	0.0	0
39	Important aspects in experimental versus numerical comparative analysis in pile caps. Revista IBRACON De Estruturas E Materiais, 2022, 15, .	0.6	0
40	AXIAL SYMMETRY ANALYSES OF PUNCHING SHEAR IN REINFORCED FLAT SLABS. , 2006, , 139-144.		0