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List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

780
citations

394286

19
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580701

25
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51
all docs

51
docs citations

51
times ranked

341
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of prestressing on the punching strength of post-tensioned slabs. <i>Engineering Structures</i> , 2014, 72, 56-69.	2.6	41
2	SFRC flat slabs punching behaviour – Experimental research. <i>Composites Part B: Engineering</i> , 2014, 63, 161-171.	5.9	37
3	Strengthening of flat slabs with transverse reinforcement by introduction of steel bolts using different anchorage approaches. <i>Engineering Structures</i> , 2012, 44, 63-77.	2.6	35
4	Flexural strengthening of flat slabs with FRP composites using EBR and EBROG methods. <i>Engineering Structures</i> , 2020, 211, 110483.	2.6	35
5	Punching behaviour of RC flat slabs under reversed horizontal cyclic loading. <i>Engineering Structures</i> , 2016, 117, 204-219.	2.6	34
6	On the efficiency of flat slabs strengthening against punching using externally bonded fibre reinforced polymers. <i>Construction and Building Materials</i> , 2014, 73, 366-377.	3.2	32
7	Punching of high strength concrete flat slabs without shear reinforcement. <i>Engineering Structures</i> , 2015, 103, 275-284.	2.6	32
8	Experimental and theoretical evaluation of punching strength of steel fiber reinforced concrete slabs. <i>Structural Concrete</i> , 2018, 19, 217-229.	1.5	32
9	Experimental and parametric 3D nonlinear finite element analysis on punching of flat slabs with orthogonal reinforcement. <i>Engineering Structures</i> , 2013, 48, 442-457.	2.6	30
10	Design for punching of prestressed concrete slabs. <i>Structural Concrete</i> , 2013, 14, 157-167.	1.5	29
11	Flat slab strengthening techniques against punching-shear. <i>Engineering Structures</i> , 2019, 180, 160-180.	2.6	28
12	Behavior of thin lightly reinforced flat slabs under concentric loading. <i>Engineering Structures</i> , 2019, 196, 109327.	2.6	26
13	Strengthening of RC slabs with reinforced concrete overlay on the tensile face. <i>Engineering Structures</i> , 2017, 132, 540-550.	2.6	25
14	A review of literature and code formulations for cracking in R/C members. <i>Structural Concrete</i> , 2018, 19, 1481-1503.	1.5	25
15	Reversed horizontal cyclic loading tests of flat slab specimens with studs as shear reinforcement. <i>Structural Concrete</i> , 2019, 20, 330-347.	1.5	24
16	Punching of flat slabs with in-plane forces. <i>Engineering Structures</i> , 2011, 33, 894-902.	2.6	23
17	Strengthening of flat slabs with post-tensioning using anchorages by bonding. <i>Engineering Structures</i> , 2011, 33, 2025-2043.	2.6	22
18	Punching of reinforced concrete flat slabs – Rational use of high strength concrete. <i>Engineering Structures</i> , 2020, 206, 110194.	2.6	21

#	ARTICLE	IF	CITATIONS
19	Assessment of SFRC flat slab punching behaviour " part I: monotonic vertical loading. Magazine of Concrete Research, 2019, 71, 587-598.	0.9	20
20	The effect of the vertical component of prestress forces on the punching strength of flat slabs. Engineering Structures, 2014, 76, 90-98.	2.6	19
21	A hybrid method for the calibration of finite element models of punching-shear in R/C flat slabs. Computers and Structures, 2020, 238, 106323.	2.4	19
22	Performance assessment of flat slabs strengthened with a bonded reinforced-concrete overlay. Magazine of Concrete Research, 2018, 70, 433-451.	0.9	15
23	Assessment of SFRC flat slab punching behaviour " part II: reversed horizontal cyclic loading. Magazine of Concrete Research, 2019, 71, 26-42.	0.9	14
24	Behaviour of reinforced-concrete flat slabs with stirrups under reversed horizontal cyclic loading. Magazine of Concrete Research, 2020, 72, 339-356.	0.9	12
25	Testing of a full-scale flat slab building for gravity and lateral loads. Engineering Structures, 2021, 243, 112551.	2.6	12
26	Behavior of RC flat slabs with shear bolts under reversed horizontal cyclic loading. Structural Concrete, 2020, 21, 501-516.	1.5	11
27	A physical approach for considering how anchorage head size influences the punching capacity of slabs strengthened with vertical steel bolts. Structural Concrete, 2013, 14, 389-400.	1.5	9
28	A review of tests on slab-column connections with advanced concrete materials. Structures, 2021, 32, 849-860.	1.7	9
29	Pull-out and push-in tests of bonded steel strands. Magazine of Concrete Research, 2011, 63, 689-705.	0.9	8
30	Post-punching behaviour of flat slabs strengthened with a new technique using post-tensioning. Engineering Structures, 2012, 40, 383-397.	2.6	8
31	Development of steel angles as energy dissipation devices for rocking connections. Structural Concrete, 2018, 19, 1657-1671.	1.5	8
32	Shear and flexural strengthening of deficient flat slabs with post-installed bolts and CFRP composites bonded through EBR and EBROG. Structural Concrete, 2021, 22, 1147-1164.	1.5	8
33	Influence of flexural reinforcement on the seismic performance of flat slab " Column connections. Engineering Structures, 2021, 242, 112583.	2.6	8
34	Punching of flat slabs under reversed horizontal cyclic loading. Fibre-reinforced Concrete: From Design To Structural Applications, 2017, , 253-272.	0.0	8
35	Deformation capacity evaluation for flat slab seismic design. Bulletin of Earthquake Engineering, 2022, 20, 1619-1654.	2.3	8
36	Behavior of flat slabs with partial use of high-performance fiber reinforced concrete under monotonic vertical loading. Engineering Structures, 2022, 264, 114471.	2.6	7

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37	Post-punching behaviour of prestressed concrete flat slabs. Magazine of Concrete Research, 2008, 60, 245-251.	0.9	6
38	Discussion: Pull-out and push-in tests of bonded steel strands. Magazine of Concrete Research, 2013, 65, 1128-1131.	0.9	6
39	A state of the art of flat slab frame tests for gravity and lateral loading. Structural Concrete, 2020, 21, 2764-2781.	1.5	6
40	Post-earthquake Performance of a Slab-Column Connection with Punching Shear Reinforcement. Journal of Earthquake Engineering, 2022, 26, 1171-1193.	1.4	6
41	Role of punching shear reinforcement in the seismic performance of flat slab frames. Engineering Structures, 2020, 207, 110238.	2.6	5
42	Applied element method simulation of experimental failure modes in RC shear walls. Computers and Concrete, 2017, 19, 365-374.	0.7	5
43	Influence of the top reinforcement detailing in the behaviour of flat slabs. Structures, 2020, 23, 718-730.	1.7	4
44	Rational Use of High-Strength Concrete in Flat Slab- Column Connections under Seismic Loading. ACI Structural Journal, 2020, 117, .	0.3	3
45	Punching of Strengthened Concrete Flat Slabs—Experimental Analysis and Comparison with Codes. Structural Engineering International: Journal of the International Association for Bridge and Structural Engineering (IABSE), 2012, 22, 202-214.	0.5	2
46	Eccentric punching strength of continuous flat slabs—Analysis of different experimental setups. Structural Concrete, 2021, 22, 1183-1204.	1.5	2
47	Acci3n externa acelerada de sulfatos y cloruros en el estudio de la corrosi3n del acero en tracci3n en el hormig3n armado. Materiales De Construccion, 2017, 67, 141.	0.2	1
48	Discussion of “Punching Shear Behavior of Externally Prestressed Concrete Slabs” by H. Mostafaei, F. J. Vecchio, P. Gauvreau, and M. Semelawy. Journal of Structural Engineering, 2012, 138, 457-457.	1.7	0
49	Discussion of “Strengthening Two-Way Reinforced Concrete Floor Slabs Using Polypropylene Fiber Reinforcement” by Matthew J. Radik, Ece Erdogmus, and Travis Schafer. Journal of Materials in Civil Engineering, 2013, 25, 1142-1142.	1.3	0
50	On the Distribution of Shear Forces in Non-axisymmetric Slab-Column Connections. , 2018, , 841-848.		0
51	Slab—column connection punching and ductility improvement methods for seismic response of buildings with flat slabs. Structural Concrete, 0, , .	1.5	0