Vlter J G Lcio

List of Publications by Citations

37 papers	321 citations	12 h-index	16 g-index
39 ext. papers	394 ext. citations	3.4 avg, IF	3.69 L-index

#	Paper	IF	Citations
37	Development of an injectable grout for concrete repair and strengthening. *Cement and Concrete Composites*, **2013**, 37, 185-195	8.6	35
36	SFRC flat slabs punching behaviour I:Experimental research. *Composites Part B: Engineering*, **2014**, 63, 161-171	10	27
35	Punching behaviour of RC flat slabs under reversed horizontal cyclic loading. *Engineering Structures*, **2016**, 117, 204-219	4.7	24
34	Punching of high strength concrete flat slabs without shear reinforcement. *Engineering Structures*, **2015**, 103, 275-284	4.7	22
33	Punching of flat slabs with in-plane forces. *Engineering Structures*, **2011**, 33, 894-902	4.7	21
32	Strengthening of flat slabs with post-tensioning using anchorages by bonding. *Engineering Structures*, **2011**, 33, 2025-2043	4.7	19
31	Strengthening of RC slabs with reinforced concrete overlay on the tensile face. *Engineering Structures*, **2017**, 132, 540-550	4.7	16
30	Assessing the behaviour of RC beams subject to significant gravity loads under cyclic loads. *Engineering Structures*, **2014**, 59, 512-521	4.7	16
29	Reversed horizontal cyclic loading tests of flat slab specimens with studs as shear reinforcement. *Structural Concrete*, **2019**, 20, 330-347	2.6	13
28	The effect of the vertical component of prestress forces on the punching strength of flat slabs. *Engineering Structures*, **2014**, 76, 90-98	4.7	13
27	Rubble stone masonry walls in Portugal strengthened with reinforced micro-concrete layers. *Bulletin of Earthquake Engineering*, **2012**, 10, 161-180	3.7	12
26	Performance assessment of flat slabs strengthened with a bonded reinforced-concrete overlay. *Magazine of Concrete Research*, **2018**, 70, 433-451	2	12
25	Post-punching behaviour of flat slabs strengthened with a new technique using post-tensioning. *Engineering Structures*, **2012**, 40, 383-397	4.7	8
24	Compression behaviour of short columns made from cement-bonded particle board. *Construction and Building Materials*, **2013**, 40, 60-69	6.7	8
23	Rubble Stone Masonry Walls Strengthened by Three-Dimensional Steel Ties and Textile-Reinforced Mortar Render, Under Compression and Shear Loads. *International Journal of Architectural Heritage*, **2015**, 9, 844-858	2.1	7
22	Characterisation of unidirectional fibre reinforced grout as a strengthening material for RC structures. *Construction and Building Materials*, **2017**, 137, 272-287	6.7	6
21	Discussion: Pull-out and push-in tests of bonded steel strands. *Magazine of Concrete Research*, **2013**, 65, 1128-1131	2	6

20	Pull-out and push-in tests of bonded steel strands. *Magazine of Concrete Research*, **2011**, 63, 689-705	2	6
19	Gravity load effects on the behaviour of reinforced concrete beam critical zones subjected to cyclic loads. *Engineering Structures*, **2019**, 181, 503-518	4.7	6
18	Efficiency of the confinement reinforcement in anchorage zones of posttensioning tendons. *Structural Concrete*, **2019**, 20, 1182-1198	2.6	5
17	Development of steel angles as energy dissipation devices for rocking connections. *Structural Concrete*, **2018**, 19, 1657-1671	2.6	5
16	Optimization of anchorage corner blisters for posttensioning tendons. *Structural Concrete*, **2017**, 18, 334-348	2.6	5
15	Post-punching behaviour of prestressed concrete flat slabs. *Magazine of Concrete Research*, **2008**, 60, 245-251	2	5
14	Behavior of RC flat slabs with shear bolts under reversed horizontal cyclic loading. *Structural Concrete*, **2020**, 21, 501-516	2.6	5
13	Rubble Stone Masonry Walls Strengthened by Three-Dimensional Steel Ties and Textile Reinforced Mortar Render, Under Compression. *International Journal of Architectural Heritage*, **2014**, 8, 670-689	2.1	4
12	Post-earthquake Performance of a Slab-Column Connection with Punching Shear Reinforcement. *Journal of Earthquake Engineering*, **2020**, 1-23	1.8	2
11	Role of punching shear reinforcement in the seismic performance of flat slab frames. *Engineering Structures*, **2020**, 207, 110238	4.7	2
10	Experimental analysis of rubble stone masonry walls strengthened by transverse confinement under compression and compression-shear loadings. *International Journal of Architectural Heritage*, **2018**, 12, 91-113	2.1	2
9	Damage Detection Sensitivity of a Vehicle-based Bridge Health Monitoring System. *Journal of Physics: Conference Series*, **2017**, 842, 012032	0.3	2
8	Long term application of bus monitoring system to short and medium span bridges and damage detection. *Journal of Physics: Conference Series*, **2015**, 628, 012037	0.3	2
7	Ultimate limit state of punching in the (fib) FIP recommendations for the design of post-tensioned slabs and foundations. *Structural Concrete*, **2000**, 1, 143-149	2.6	2
6	Experimental evaluation of cyclic loading test procedure including gravity load on RC beams. *Structural Concrete*, **2019**, 20, 1292-1306	2.6	1
5	Progressive Collapse Prevention Design of Framed RC Structures-Cost-Benefit Analysis. *Journal of Failure Analysis and Prevention*, **2020**, 20, 1244-1257	0.9	1
4	The efficiency of confinement reinforcement in post-tensioning anchorage zones. *Magazine of Concrete Research*, **2021**, 73, 271-287	2	1
3	Performance of single and double flat jacks in stone masonry lab tests. *Journal of Building Engineering*, **2021**, 42, 102465	5.2	0

2	Numerical Simulation of Blast Effects on Fibre Grout Strengthened RC Panels. *Key Engineering Materials*, **2017**, 755, 18-30	0.4
1	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	3