

# Vãlter J G LÃºcio

## List of Publications by Year in descending order

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39  
papers

480  
citations

686830

13  
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752256

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39  
docs citations

39  
times ranked

324  
citing authors

#	ARTICLE	IF	CITATIONS
1	Post-earthquake Performance of a Slab-Column Connection with Punching Shear Reinforcement. <i>Journal of Earthquake Engineering</i> , 2022, 26, 1171-1193.	1.4	6
2	The efficiency of confinement reinforcement in post-tensioning anchorage zones. <i>Magazine of Concrete Research</i> , 2021, 73, 271-287.	0.9	5
3	Performance of single and double flat jacks in stone masonry lab tests. <i>Journal of Building Engineering</i> , 2021, 42, 102465.	1.6	5
4	Behavior of RC flat slabs with shear bolts under reversed horizontal cyclic loading. <i>Structural Concrete</i> , 2020, 21, 501-516.	1.5	11
5	Progressive Collapse Prevention Design of Framed RC Structures-Costá€Benefit Analysis. <i>Journal of Failure Analysis and Prevention</i> , 2020, 20, 1244-1257.	0.5	3
6	Role of punching shear reinforcement in the seismic performance of flat slab frames. <i>Engineering Structures</i> , 2020, 207, 110238.	2.6	5
7	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
8	Experimental evaluation of cyclic loading test procedure including gravity load on RC beams. <i>Structural Concrete</i> , 2019, 20, 1292-1306.	1.5	2
9	Efficiency of the confinement reinforcement in anchorage zones of posttensioning tendons. <i>Structural Concrete</i> , 2019, 20, 1182-1198.	1.5	15
10	Gravity load effects on the behaviour of reinforced concrete beam critical zones subjected to cyclic loads. <i>Engineering Structures</i> , 2019, 181, 503-518.	2.6	6
11	Development of steel angles as energy dissipation devices for rocking connections. <i>Structural Concrete</i> , 2018, 19, 1657-1671.	1.5	8
12	Experimental analysis of rubble stone masonry walls strengthened by transverse confinement under compression and compression-shear loadings. <i>International Journal of Architectural Heritage</i> , 2018, 12, 91-113.	1.7	5
13	Performance assessment of flat slabs strengthened with a bonded reinforced-concrete overlay. <i>Magazine of Concrete Research</i> , 2018, 70, 433-451.	0.9	15
14	Characterisation of unidirectional fibre reinforced grout as a strengthening material for RC structures. <i>Construction and Building Materials</i> , 2017, 137, 272-287.	3.2	11
15	Strengthening of RC slabs with reinforced concrete overlay on the tensile face. <i>Engineering Structures</i> , 2017, 132, 540-550.	2.6	25
16	Numerical Simulation of Blast Effects on Fibre Grout Strengthened RC Panels. <i>Key Engineering Materials</i> , 2017, 755, 18-30.	0.4	0
17	Damage Detection Sensitivity of a Vehicle-based Bridge Health Monitoring System. <i>Journal of Physics: Conference Series</i> , 2017, 842, 012032.	0.3	2
18	Optimization of anchorage corner blisters for posttensioning tendons. <i>Structural Concrete</i> , 2017, 18, 334-348.	1.5	6

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19	Punching behaviour of RC flat slabs under reversed horizontal cyclic loading. Engineering Structures, 2016, 117, 204-219.	2.6	34
20	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
21	Punching of high strength concrete flat slabs without shear reinforcement. Engineering Structures, 2015, 103, 275-284.	2.6	32
22	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.	1.7	13
23	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.	1.7	8
24	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
25	Assessing the behaviour of RC beams subject to significant gravity loads under cyclic loads. Engineering Structures, 2014, 59, 512-521.	2.6	22
26	SFRC flat slabs punching behaviour – Experimental research. Composites Part B: Engineering, 2014, 63, 161-171.	5.9	37
27	Development of an injectable grout for concrete repair and strengthening. Cement and Concrete Composites, 2013, 37, 185-195.	4.6	54
28	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
29	Compression behaviour of short columns made from cement-bonded particle board. Construction and Building Materials, 2013, 40, 60-69.	3.2	10
30	Discussion: Pull-out and push-in tests of bonded steel strands. Magazine of Concrete Research, 2013, 65, 1128-1131.	0.9	6
31	Post-punching behaviour of flat slabs strengthened with a new technique using post-tensioning. Engineering Structures, 2012, 40, 383-397.	2.6	8
32	Rubble stone masonry walls in Portugal strengthened with reinforced micro-concrete layers. Bulletin of Earthquake Engineering, 2012, 10, 161-180.	2.3	18
33	Pull-out and push-in tests of bonded steel strands. Magazine of Concrete Research, 2011, 63, 689-705.	0.9	8
34	Strengthening of flat slabs with post-tensioning using anchorages by bonding. Engineering Structures, 2011, 33, 2025-2043.	2.6	22
35	Punching of flat slabs with in-plane forces. Engineering Structures, 2011, 33, 894-902.	2.6	23
36	Post-punching behaviour of prestressed concrete flat slabs. Magazine of Concrete Research, 2008, 60, 245-251.	0.9	6

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37	Seismic Behaviour of Limestone Masonry Buildings. , 2005, , .		0
38	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.	1.5	4
39	Slabâ€“column connection punching and ductility improvement methods for seismic response of buildings with flat slabs. Structural Concrete, 0, , .	1.5	0