

# Vãlter J G LÃºcio

## List of Publications by Year in descending order

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39  
papers

480  
citations

686830

13  
h-index

752256

20  
g-index

39  
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39  
docs citations

39  
times ranked

324  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of an injectable grout for concrete repair and strengthening. <i>Cement and Concrete Composites</i> , 2013, 37, 185-195.	4.6	54
2	SFRC flat slabs punching behaviour – Experimental research. <i>Composites Part B: Engineering</i> , 2014, 63, 161-171.	5.9	37
3	Punching behaviour of RC flat slabs under reversed horizontal cyclic loading. <i>Engineering Structures</i> , 2016, 117, 204-219.	2.6	34
4	Punching of high strength concrete flat slabs without shear reinforcement. <i>Engineering Structures</i> , 2015, 103, 275-284.	2.6	32
5	Strengthening of RC slabs with reinforced concrete overlay on the tensile face. <i>Engineering Structures</i> , 2017, 132, 540-550.	2.6	25
6	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
7	Punching of flat slabs with in-plane forces. <i>Engineering Structures</i> , 2011, 33, 894-902.	2.6	23
8	Strengthening of flat slabs with post-tensioning using anchorages by bonding. <i>Engineering Structures</i> , 2011, 33, 2025-2043.	2.6	22
9	Assessing the behaviour of RC beams subject to significant gravity loads under cyclic loads. <i>Engineering Structures</i> , 2014, 59, 512-521.	2.6	22
10	The effect of the vertical component of prestress forces on the punching strength of flat slabs. <i>Engineering Structures</i> , 2014, 76, 90-98.	2.6	19
11	Rubble stone masonry walls in Portugal strengthened with reinforced micro-concrete layers. <i>Bulletin of Earthquake Engineering</i> , 2012, 10, 161-180.	2.3	18
12	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
13	Efficiency of the confinement reinforcement in anchorage zones of posttensioning tendons. <i>Structural Concrete</i> , 2019, 20, 1182-1198.	1.5	15
14	Rubble Stone Masonry Walls Strengthened by Three-Dimensional Steel Ties and Textile-Reinforced Mortar Render, Under Compression and Shear Loads. <i>International Journal of Architectural Heritage</i> , 2015, 9, 844-858.	1.7	13
15	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
16	Behavior of RC flat slabs with shear bolts under reversed horizontal cyclic loading. <i>Structural Concrete</i> , 2020, 21, 501-516.	1.5	11
17	Compression behaviour of short columns made from cement-bonded particle board. <i>Construction and Building Materials</i> , 2013, 40, 60-69.	3.2	10
18	Pull-out and push-in tests of bonded steel strands. <i>Magazine of Concrete Research</i> , 2011, 63, 689-705.	0.9	8

#	ARTICLE	IF	CITATIONS
19	Post-punching behaviour of flat slabs strengthened with a new technique using post-tensioning. <i>Engineering Structures</i> , 2012, 40, 383-397.	2.6	8
20	Rubble Stone Masonry Walls Strengthened by Three-Dimensional Steel Ties and Textile Reinforced Mortar Render, Under Compression. <i>International Journal of Architectural Heritage</i> , 2014, 8, 670-689.	1.7	8
21	Development of steel angles as energy dissipation devices for rocking connections. <i>Structural Concrete</i> , 2018, 19, 1657-1671.	1.5	8
22	Post-punching behaviour of prestressed concrete flat slabs. <i>Magazine of Concrete Research</i> , 2008, 60, 245-251.	0.9	6
23	Discussion: Pull-out and push-in tests of bonded steel strands. <i>Magazine of Concrete Research</i> , 2013, 65, 1128-1131.	0.9	6
24	Optimization of anchorage corner blisters for posttensioning tendons. <i>Structural Concrete</i> , 2017, 18, 334-348.	1.5	6
25	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
26	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
27	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
28	Role of punching shear reinforcement in the seismic performance of flat slab frames. <i>Engineering Structures</i> , 2020, 207, 110238.	2.6	5
29	The efficiency of confinement reinforcement in post-tensioning anchorage zones. <i>Magazine of Concrete Research</i> , 2021, 73, 271-287.	0.9	5
30	Performance of single and double flat jacks in stone masonry lab tests. <i>Journal of Building Engineering</i> , 2021, 42, 102465.	1.6	5
31	Ultimate limit state of punching in the (fib) FIP recommendations for the design of post-tensioned slabs and foundations. <i>Structural Concrete</i> , 2000, 1, 143-149.	1.5	4
32	Progressive Collapse Prevention Design of Framed RC Structures-Costâ€œBenefit Analysis. <i>Journal of Failure Analysis and Prevention</i> , 2020, 20, 1244-1257.	0.5	3
33	Long term application of bus monitoring system to short and medium span bridges and damage detection. <i>Journal of Physics: Conference Series</i> , 2015, 628, 012037.	0.3	2
34	Damage Detection Sensitivity of a Vehicle-based Bridge Health Monitoring System. <i>Journal of Physics: Conference Series</i> , 2017, 842, 012032.	0.3	2
35	Experimental evaluation of cyclic loading test procedure including gravity load on RC beams. <i>Structural Concrete</i> , 2019, 20, 1292-1306.	1.5	2
36	Discussion of â€œStrengthening Two-Way Reinforced Concrete Floor Slabs Using Polypropylene Fiber Reinforcementâ€•by Matthew J. Radik, Ece Erdogan, and Travis Schafer. <i>Journal of Materials in Civil Engineering</i> , 2013, 25, 1142-1142.	1.3	0

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37	Numerical Simulation of Blast Effects on Fibre Grout Strengthened RC Panels. Key Engineering Materials, 2017, 755, 18-30.	0.4	0
38	Seismic Behaviour of Limestone Masonry Buildings. , 2005, , .		0
39	Slabâ€column connection punching and ductility improvement methods for seismic response of buildings with flat slabs. Structural Concrete, 0, , .	1.5	0