

# Antonio Ramos

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50 papers	504 citations	15 h-index	19 g-index
51 ext. papers	641 ext. citations	3.4 avg, IF	4.4 L-index

#	Paper	IF	Citations
50	Influence of prestressing on the punching strength of post-tensioned slabs. <i>Engineering Structures</i> , <b>2014</b> , 72, 56-69	4.7	31
49	SFRC flat slabs punching behaviour [Experimental research. <i>Composites Part B: Engineering</i> , <b>2014</b> , 63, 161-171	10	27
48	On the efficiency of flat slabs strengthening against punching using externally bonded fibre reinforced polymers. <i>Construction and Building Materials</i> , <b>2014</b> , 73, 366-377	6.7	25
47	Experimental and parametric 3D nonlinear finite element analysis on punching of flat slabs with orthogonal reinforcement. <i>Engineering Structures</i> , <b>2013</b> , 48, 442-457	4.7	25
46	Strengthening of flat slabs with transverse reinforcement by introduction of steel bolts using different anchorage approaches. <i>Engineering Structures</i> , <b>2012</b> , 44, 63-77	4.7	25
45	Punching behaviour of RC flat slabs under reversed horizontal cyclic loading. <i>Engineering Structures</i> , <b>2016</b> , 117, 204-219	4.7	24
44	Punching of high strength concrete flat slabs without shear reinforcement. <i>Engineering Structures</i> , <b>2015</b> , 103, 275-284	4.7	22
43	Design for punching of prestressed concrete slabs. <i>Structural Concrete</i> , <b>2013</b> , 14, 157-167	2.6	22
42	Punching of flat slabs with in-plane forces. <i>Engineering Structures</i> , <b>2011</b> , 33, 894-902	4.7	21
41	Flat slab strengthening techniques against punching-shear. <i>Engineering Structures</i> , <b>2019</b> , 180, 160-180	4.7	21
40	Experimental and theoretical evaluation of punching strength of steel fiber reinforced concrete slabs. <i>Structural Concrete</i> , <b>2018</b> , 19, 217-229	2.6	21
39	Strengthening of flat slabs with post-tensioning using anchorages by bonding. <i>Engineering Structures</i> , <b>2011</b> , 33, 2025-2043	4.7	19
38	Flexural strengthening of flat slabs with FRP composites using EBR and EBROG methods. <i>Engineering Structures</i> , <b>2020</b> , 211, 110483	4.7	17
37	Behavior of thin lightly reinforced flat slabs under concentric loading. <i>Engineering Structures</i> , <b>2019</b> , 196, 109327	4.7	17
36	Strengthening of RC slabs with reinforced concrete overlay on the tensile face. <i>Engineering Structures</i> , <b>2017</b> , 132, 540-550	4.7	16
35	Reversed horizontal cyclic loading tests of flat slab specimens with studs as shear reinforcement. <i>Structural Concrete</i> , <b>2019</b> , 20, 330-347	2.6	13
34	A review of literature and code formulations for cracking in R/C members. <i>Structural Concrete</i> , <b>2018</b> , 19, 1481-1503	2.6	13

33	The effect of the vertical component of prestress forces on the punching strength of flat slabs. <i>Engineering Structures</i> , <b>2014</b> , 76, 90-98	4.7	13
32	Assessment of SFRC flat slab punching behaviour [part I: monotonic vertical loading. <i>Magazine of Concrete Research</i> , <b>2019</b> , 71, 587-598	2	12
31	Performance assessment of flat slabs strengthened with a bonded reinforced-concrete overlay. <i>Magazine of Concrete Research</i> , <b>2018</b> , 70, 433-451	2	12
30	Assessment of SFRC flat slab punching behaviour [part II: reversed horizontal cyclic loading. <i>Magazine of Concrete Research</i> , <b>2019</b> , 71, 26-42	2	10
29	Punching of reinforced concrete flat slabs [Rational use of high strength concrete. <i>Engineering Structures</i> , <b>2020</b> , 206, 110194	4.7	9
28	A hybrid method for the calibration of finite element models of punching-shear in R/C flat slabs. <i>Computers and Structures</i> , <b>2020</b> , 238, 106323	4.5	8
27	Post-punching behaviour of flat slabs strengthened with a new technique using post-tensioning. <i>Engineering Structures</i> , <b>2012</b> , 40, 383-397	4.7	8
26	A physical approach for considering how anchorage head size influences the punching capacity of slabs strengthened with vertical steel bolts. <i>Structural Concrete</i> , <b>2013</b> , 14, 389-400	2.6	8
25	Punching of flat slabs under reversed horizontal cyclic loading. <i>Fibre-reinforced Concrete: From Design To Structural Applications</i> , <b>2017</b> , 253-272	1	7
24	Behaviour of reinforced-concrete flat slabs with stirrups under reversed horizontal cyclic loading. <i>Magazine of Concrete Research</i> , <b>2020</b> , 72, 339-356	2	7
23	Discussion: Pull-out and push-in tests of bonded steel strands. <i>Magazine of Concrete Research</i> , <b>2013</b> , 65, 1128-1131	2	6
22	Pull-out and push-in tests of bonded steel strands. <i>Magazine of Concrete Research</i> , <b>2011</b> , 63, 689-705	2	6
21	Development of steel angles as energy dissipation devices for rocking connections. <i>Structural Concrete</i> , <b>2018</b> , 19, 1657-1671	2.6	5
20	Post-punching behaviour of prestressed concrete flat slabs. <i>Magazine of Concrete Research</i> , <b>2008</b> , 60, 245-251	2	5
19	Applied element method simulation of experimental failure modes in RC shear walls. <i>Computers and Concrete</i> , <b>2017</b> , 19, 365-374		5
18	Behavior of RC flat slabs with shear bolts under reversed horizontal cyclic loading. <i>Structural Concrete</i> , <b>2020</b> , 21, 501-516	2.6	5
17	Testing of a full-scale flat slab building for gravity and lateral loads. <i>Engineering Structures</i> , <b>2021</b> , 243, 112551	4.7	4
16	Shear and flexural strengthening of deficient flat slabs with post-installed bolts and CFRP composites bonded through EBR and EBROG. <i>Structural Concrete</i> , <b>2021</b> , 22, 1147-1164	2.6	3

15	Post-earthquake Performance of a Slab-Column Connection with Punching Shear Reinforcement. <i>Journal of Earthquake Engineering</i> , <b>2020</b> , 1-23	1.8	2
14	Role of punching shear reinforcement in the seismic performance of flat slab frames. <i>Engineering Structures</i> , <b>2020</b> , 207, 110238	4.7	2
13	A state of the art of flat-slab frame tests for gravity and lateral loading. <i>Structural Concrete</i> , <b>2020</b> , 21, 2764-2781	2.6	2
12	Influence of flexural reinforcement on the seismic performance of flat slab [Column connections. <i>Engineering Structures</i> , <b>2021</b> , 242, 112583	4.7	2
11	Punching of Strengthened Concrete Flat Slabs[Experimental Analysis and Comparison with Codes. <i>Structural Engineering International: Journal of the International Association for Bridge and Structural Engineering (IABSE)</i> , <b>2012</b> , 22, 202-214	1	1
10	Rational Use of High-Strength Concrete in Flat Slab- Column Connections under Seismic Loading. <i>ACI Structural Journal</i> , <b>2020</b> , 117,	1.7	1
9	Influence of the top reinforcement detailing in the behaviour of flat slabs. <i>Structures</i> , <b>2020</b> , 23, 718-730	3.4	1
8	A review of tests on slab-column connections with advanced concrete materials. <i>Structures</i> , <b>2021</b> , 32, 849-860	3.4	1
7	Deformation capacity evaluation for flat slab seismic design. <i>Bulletin of Earthquake Engineering</i> , <b>2022</b> , 20, 1619-1654	3.7	0
6	Acci3n externa acelerada de sulfatos y cloruros en el estudio de la corrosi3n del acero en tracci3n en el hormig3n armado. <i>Materiales De Construccion</i> , <b>2017</b> , 67, 141	1.8	0
5	Eccentric punching strength of continuous flat slabs[Analysis of different experimental setups. <i>Structural Concrete</i> , <b>2021</b> , 22, 1183-1204	2.6	0
4	Behavior of flat slabs with partial use of high-performance fiber reinforced concrete under monotonic vertical loading. <i>Engineering Structures</i> , <b>2022</b> , 264, 114471	4.7	0
3	Discussion of [Strengthening Two-Way Reinforced Concrete Floor Slabs Using Polypropylene Fiber Reinforcement[by Matthew J. Radik, Ece Erdogan, and Travis Schafer. <i>Journal of Materials in Civil Engineering</i> , <b>2013</b> , 25, 1142-1142	3	
2	Discussion of [Punching Shear Behavior of Externally Prestressed Concrete Slabs[by H. Mostafaei, F. J. Vecchio, P. Gauvreau, and M. Semelawy. <i>Journal of Structural Engineering</i> , <b>2012</b> , 138, 457-457	3	
1	On the Distribution of Shear Forces in Non-axisymmetric Slab-Column Connections <b>2018</b> , 841-848		