

# Abdullah Zawawi Awang

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

728  
citations

759233

12  
h-index

526287

27  
g-index

34  
all docs

34  
docs citations

34  
times ranked

588  
citing authors

#	ARTICLE	IF	CITATIONS
1	Seismic retrofit of reinforced concrete beam-column joints using various confinement techniques: A review. Structures, 2022, 42, 221-243.	3.6	9
2	Structural behaviour of pre-damaged RC columns immediate repaired employing pre-tensioned steel straps. Structures, 2021, 34, 964-978.	3.6	4
3	Confinement-concrete interaction in pre-tensioned partial steel-confined concrete. Structures, 2020, 23, 751-765.	3.6	7
4	Confining stress path dependent stress-strain model for pre-tensioned steel-confined concrete. Engineering Structures, 2019, 201, 109769.	5.3	9
5	Ductility and stiffness of slender confined reinforced high-strength concrete columns under monotonic axial load. Measurement: Journal of the International Measurement Confederation, 2019, 146, 838-845.	5.0	3
6	Strengthening of pre-damaged concrete cylinders using post-tensioned steel straps. Proceedings of the Institution of Civil Engineers: Structures and Buildings, 2019, 172, 703-711.	0.8	9
7	Review on development of external steel-confined concrete. Construction and Building Materials, 2019, 211, 919-931.	7.2	30
8	Artificial neural network models for FRP-repaired concrete subjected to pre-damaged effects. Neural Computing and Applications, 2019, 31, 711-717.	5.6	16
9	Stress-strain evaluation of steel-strap high-strength concrete with modified self-regulating end clips. Structural Concrete, 2018, 19, 1036-1048.	3.1	8
10	Design of steel-strap, high-strength concrete columns subject to unequal end moments. Proceedings of the Institution of Civil Engineers: Structures and Buildings, 2018, 171, 273-282.	0.8	1
11	Effect Of Pre-Tensioned Level on Axial Stress-Strain Behaviour of Confined Concrete: A Review. International Journal of Engineering and Technology(UAE), 2018, 7, 18.	0.3	0
12	Review study on the current development of confined high-strength concrete. International Journal of Structural Engineering, 2018, 9, 224.	0.4	2
13	Eccentricity-based design procedure of confined columns under compression and in-plane bending moment. Measurement: Journal of the International Measurement Confederation, 2018, 129, 11-19.	5.0	6
14	Structural and material performance of geopolymer concrete: A review. Construction and Building Materials, 2018, 186, 90-102.	7.2	318
15	A Review on Bond and Anchorage of Confined High-strength Concrete. Structures, 2017, 11, 97-109.	3.6	43
16	Repair and rehabilitation of concrete structures using confinement: A review. Construction and Building Materials, 2017, 133, 502-515.	7.2	81
17	Innovative Concrete Repairing Technique Using Post Tensioning Steel Straps. MATEC Web of Conferences, 2017, 103, 02011.	0.2	2
18	Effects of Predamaged Level on Confined HSC Columns. MATEC Web of Conferences, 2017, 103, 02007.	0.2	0

#	ARTICLE	IF	CITATIONS
19	Compressive strength models of repaired concrete structures. AIP Conference Proceedings, 2017, , .	0.4	1
20	Flexural capacity enhancement of rectangular high-strength concrete columns confined with post-tensioned steel straps: experimental investigation and analytical modelling. Structural Concrete, 2016, 17, 668-676.	3.1	15
21	Behaviour of over-reinforced high-strength concrete beams confined with post-tensioned steel straps – an experimental investigation. Structural Concrete, 2016, 17, 768-777.	3.1	23
22	Nominal Curvature Design of Circular HSC Columns Confined with Post-tensioned Steel Straps. Structures, 2016, 7, 25-32.	3.6	15
23	Flexural ductility design of confined high-strength concrete columns: Theoretical modelling. Measurement: Journal of the International Measurement Confederation, 2016, 78, 42-48.	5.0	22
24	Elastic Design of Slender High-Strength RC Circular Columns Confined with External Tensioned Steel Straps. Advances in Structural Engineering, 2015, 18, 1487-1499.	2.4	13
25	Experimental tests on SSTT-confined HSC columns. Magazine of Concrete Research, 2014, 66, 1084-1094.	2.0	20
26	New theoretical model for SSTT-confined HSC columns. Magazine of Concrete Research, 2014, 66, 674-684.	2.0	12
27	Steel strap confined high strength concrete under uniaxial cyclic compression. Construction and Building Materials, 2014, 72, 48-55.	7.2	33
28	Slenderness effect and upper-bound slenderness limit of SSTT-confined HSC column. International Journal of Structural Engineering, 2014, 5, 279.	0.4	16
29	Strength and Ductility of High-Strength Concrete Cylinders Externally Confined with Steel Strapping Tensioning Technique (SSTT). Jurnal Teknologi (Sciences and Engineering), 2014, 68, .	0.4	2
30	Experimental Investigation on SSTT Confined Concrete with Low Lateral Pre-tensioning Stresses. Jurnal Teknologi (Sciences and Engineering), 2014, 69, .	0.4	3
31	Effect of Confining Layers of Steel Straps Confined High-Strength Concrete Cylinder under Uniaxial Cyclic Compression. Jurnal Teknologi (Sciences and Engineering), 2014, 70, .	0.4	1
32	Slenderness limit for SSTT-confined HSC column. Structural Engineering and Mechanics, 2014, 50, 201-214.	1.0	4
33	Pullout Behaviour of Bars in Concrete Confined with Post-tensioned Steel Straps. International Journal of Civil Engineering, 0, , 1.	2.0	0