

Abdullah Zawawi Awang

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

728
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759233

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526287

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34
docs citations

34
times ranked

588
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Structural and material performance of geopolymer concrete: A review. <i>Construction and Building Materials</i> , 2018, 186, 90-102. | 7.2 | 318 |
| 2 | Repair and rehabilitation of concrete structures using confinement: A review. <i>Construction and Building Materials</i> , 2017, 133, 502-515. | 7.2 | 81 |
| 3 | A Review on Bond and Anchorage of Confined High-strength Concrete. <i>Structures</i> , 2017, 11, 97-109. | 3.6 | 43 |
| 4 | Steel strap confined high strength concrete under uniaxial cyclic compression. <i>Construction and Building Materials</i> , 2014, 72, 48-55. | 7.2 | 33 |
| 5 | Review on development of external steel-confined concrete. <i>Construction and Building Materials</i> , 2019, 211, 919-931. | 7.2 | 30 |
| 6 | Behaviour of over-reinforced high-strength concrete beams confined with post-tensioned steel straps – an experimental investigation. <i>Structural Concrete</i> , 2016, 17, 768-777. | 3.1 | 23 |
| 7 | Flexural ductility design of confined high-strength concrete columns: Theoretical modelling. Measurement: <i>Journal of the International Measurement Confederation</i> , 2016, 78, 42-48. | 5.0 | 22 |
| 8 | Experimental tests on SSTT-confined HSC columns. <i>Magazine of Concrete Research</i> , 2014, 66, 1084-1094. | 2.0 | 20 |
| 9 | Slenderness effect and upper-bound slenderness limit of SSTT-confined HSC column. <i>International Journal of Structural Engineering</i> , 2014, 5, 279. | 0.4 | 16 |
| 10 | Artificial neural network models for FRP-repaired concrete subjected to pre-damaged effects. <i>Neural Computing and Applications</i> , 2019, 31, 711-717. | 5.6 | 16 |
| 11 | Flexural capacity enhancement of rectangular high-strength concrete columns confined with post-tensioned steel straps: experimental investigation and analytical modelling. <i>Structural Concrete</i> , 2016, 17, 668-676. | 3.1 | 15 |
| 12 | Nominal Curvature Design of Circular HSC Columns Confined with Post-tensioned Steel Straps. <i>Structures</i> , 2016, 7, 25-32. | 3.6 | 15 |
| 13 | Elastic Design of Slender High-Strength RC Circular Columns Confined with External Tensioned Steel Straps. <i>Advances in Structural Engineering</i> , 2015, 18, 1487-1499. | 2.4 | 13 |
| 14 | New theoretical model for SSTT-confined HSC columns. <i>Magazine of Concrete Research</i> , 2014, 66, 674-684. | 2.0 | 12 |
| 15 | Confining stress path dependent stress-strain model for pre-tensioned steel-confined concrete. <i>Engineering Structures</i> , 2019, 201, 109769. | 5.3 | 9 |
| 16 | Strengthening of pre-damaged concrete cylinders using post-tensioned steel straps. <i>Proceedings of the Institution of Civil Engineers: Structures and Buildings</i> , 2019, 172, 703-711. | 0.8 | 9 |
| 17 | Seismic retrofit of reinforced concrete beam-column joints using various confinement techniques: A review. <i>Structures</i> , 2022, 42, 221-243. | 3.6 | 9 |
| 18 | Stress-strain evaluation of steel-strapped high-strength concrete with modified self-regulating end clips. <i>Structural Concrete</i> , 2018, 19, 1036-1048. | 3.1 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Confinement-concrete interaction in pre-tensioned partial steel-confined concrete. Structures, 2020, 23, 751-765. | 3.6 | 7 |
| 20 | 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 |
| 21 | Structural behaviour of pre-damaged RC columns immediate repaired employing pre-tensioned steel straps. Structures, 2021, 34, 964-978. | 3.6 | 4 |
| 22 | Slenderness limit for SSTT-confined HSC column. Structural Engineering and Mechanics, 2014, 50, 201-214. | 1.0 | 4 |
| 23 | 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 |
| 24 | Experimental Investigation on SSTT Confined Concrete with Low Lateral Pre-tensioning Stresses. Jurnal Teknologi (Sciences and Engineering), 2014, 69, . | 0.4 | 3 |
| 25 | Innovative Concrete Repairing Technique Using Post Tensioning Steel Straps. MATEC Web of Conferences, 2017, 103, 02011. | 0.2 | 2 |
| 26 | Review study on the current development of confined high-strength concrete. International Journal of Structural Engineering, 2018, 9, 224. | 0.4 | 2 |
| 27 | 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 |
| 28 | Compressive strength models of repaired concrete structures. AIP Conference Proceedings, 2017, , . | 0.4 | 1 |
| 29 | Design of steel-strapped, 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 |
| 30 | 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 |
| 31 | Effects of Predamaged Level on Confined HSC Columns. MATEC Web of Conferences, 2017, 103, 02007. | 0.2 | 0 |
| 32 | 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 |
| 33 | Pullout Behaviour of Bars in Concrete Confined with Post-tensioned Steel Straps. International Journal of Civil Engineering, 0, , 1. | 2.0 | 0 |