

Norazura Muhamad Bunnori

List of Publications by Year in descending order

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54
papers

1,491
citations

516710

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54
docs citations

54
times ranked

997
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical characteristics of PET fibre-reinforced green ultra-high performance composite concrete. <i>European Journal of Environmental and Civil Engineering</i> , 2022, 26, 2797-2818.	2.1	14
2	Investigation on Acoustic Emission Parameters due to Fatigue Damage of Concrete Beams with Variable Notched Depth. <i>International Journal of Concrete Structures and Materials</i> , 2022, 16, .	3.2	4
3	Development of engineering and transport properties of green high strength concrete utilizing ternary blended binders. <i>European Journal of Environmental and Civil Engineering</i> , 2021, 25, 1251-1267.	2.1	9
4	Crack assessment of RC beam-column joints subjected to cyclic lateral loading using acoustic emission (AE): the influence of shear links aspect. <i>Canadian Journal of Civil Engineering</i> , 2021, 48, 1274-1286.	1.3	2
5	Assessment of corroded reinforced concrete beams: Cyclic load test and acoustic emission techniques. <i>Construction and Building Materials</i> , 2020, 233, 117291.	7.2	13
6	Experimental Study on Shear Strengthening of Reinforced Concrete Box Beam by CFRP. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2020, 44, 1075-1085.	1.9	2
7	Acoustic and non-acoustic performance of coal bottom ash concrete as sound absorber for wall concrete. <i>Case Studies in Construction Materials</i> , 2020, 13, e00399.	1.7	13
8	Relationships between Compressive Strength and Transport Properties of Ultrahigh-Strength Green Concrete Utilizing Ternary-Blended Binder. <i>Journal of Materials in Civil Engineering</i> , 2020, 32, .	2.9	12
9	Fluid transport properties of normal concrete substrate and a new green fiber reinforced concrete overlay composite. <i>Structural Concrete</i> , 2019, 20, 1771-1780.	3.1	1
10	Interfacial behavior between normal substrate and green ultra-high performance fiber-reinforced concrete under elevated temperatures. <i>Structural Concrete</i> , 2019, 20, 1896-1908.	3.1	11
11	Failure mode maps of bio-inspired sandwich beams under repeated low-velocity impact. <i>Composites Science and Technology</i> , 2019, 182, 107785.	7.8	27
12	Models Reviewed for Predicting CFRP Shear Contribution of Strengthened Reinforced Concrete Box Beam. <i>KSCE Journal of Civil Engineering</i> , 2019, 23, 3644-3659.	1.9	8
13	Bond strength of the interface between normal concrete substrate and GUSMRC repair material overlay. <i>Construction and Building Materials</i> , 2019, 216, 261-271.	7.2	51
14	Durability performance of a novel ultra-high-performance PET green concrete (UHPPGC). <i>Construction and Building Materials</i> , 2019, 209, 395-405.	7.2	76
15	Fatigue damage severity assessment of RC beam. <i>International Journal of Structural Integrity</i> , 2019, 10, 612-620.	3.3	3
16	Prediction of Ultimate Torque of Reinforced Concrete Box Beam Bonded with CFRP Strips. <i>KSCE Journal of Civil Engineering</i> , 2018, 22, 4353-4363.	1.9	6
17	Experimental investigation on effect of multi-walled carbon nanotubes concentration on flexural properties and microstructure of cement mortar composite. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	3
18	Active crack evaluation in concrete beams using statistical analysis of acoustic emission data. <i>Insight: Non-Destructive Testing and Condition Monitoring</i> , 2017, 59, 24-31.	0.6	15

#	ARTICLE	IF	CITATIONS
19	Behavior of Reinforced Concrete Box Beam Strengthened with CFRP U-Wrap Strips Under Torsion. MATEC Web of Conferences, 2016, 47, 02002.	0.2	6
20	Evaluation of Ultimate Strength of Reinforced Concrete Beams Strengthened with FRP Sheets under Torsion. MATEC Web of Conferences, 2016, 47, 02006.	0.2	1
21	Retrofitting of damaged reinforced concrete beams with a new green cementitious composites material. Composite Structures, 2016, 142, 27-34.	5.8	21
22	Torsional improvement of reinforced concrete beams using ultra high-performance fiber reinforced concrete (UHPFC) jackets " Experimental study. Construction and Building Materials, 2016, 106, 533-542.	7.2	58
23	Strengthening of reinforced concrete beams subjected to torsion with UHPFC composites. Structural Engineering and Mechanics, 2015, 56, 123-136.	1.0	8
24	Finite element analysis of longitudinal reinforcement beams with UHPFC under torsion. Computers and Concrete, 2015, 16, 1-16.	0.7	1
25	Analysis of failure mechanisms in fatigue test of reinforced concrete beam utilizing acoustic emission. International Journal of Multiphysics, 2014, 8, 349-358.	0.1	2
26	Influence of palm oil fuel ash on ultimate flexural and uniaxial tensile strength of green ultra-high performance fiber reinforced cementitious composites. Materials & Design, 2014, 54, 694-701.	5.1	44
27	Diagnostic of fatigue damage severity on reinforced concrete beam using acoustic emission technique. Engineering Failure Analysis, 2014, 41, 1-9.	4.0	50
28	Seismic microzonation for Penang using geospatial contour mapping. Natural Hazards, 2014, 73, 657-670.	3.4	11
29	Crack classification in reinforced concrete beams with varying thicknesses by mean of acoustic emission signal features. Construction and Building Materials, 2013, 45, 282-288.	7.2	91
30	Evaluation of ultra-high-performance-fiber reinforced concrete binder content using the response surface method. Materials & Design, 2013, 52, 957-965.	5.1	99
31	Acoustic emission signal for fatigue crack classification on reinforced concrete beam. Construction and Building Materials, 2013, 49, 583-590.	7.2	80
32	Damage classification in reinforced concrete beam by acoustic emission signal analysis. Construction and Building Materials, 2013, 45, 78-86.	7.2	206
33	Damage evaluation of reinforced concrete beams with varying thickness using the acoustic emission technique. Construction and Building Materials, 2013, 44, 812-821.	7.2	51
34	Development of green ultra-high performance fiber reinforced concrete containing ultrafine palm oil fuel ash. Construction and Building Materials, 2013, 48, 379-389.	7.2	106
35	Damage Source Identification of Reinforced Concrete Structure Using Acoustic Emission Technique. Scientific World Journal, The, 2013, 2013, 1-5.	2.1	1
36	Applications of Acoustic Emission Technique Associated with the Fracture Process Zone in Concrete Beam " A Review. Advanced Materials Research, 2012, 626, 147-151.	0.3	5

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37	Classification of Damage Mode of Reinforced Concrete Beams Using Acoustic Emission Technique. Advanced Materials Research, 2012, 626, 953-957.	0.3	3
38	Analysis of the AE signals parameter at the critical area on the concrete beam. , 2012, , .		4
39	Quantitative Evaluation of the Relationship between Tensile Crack and Shear Movement in Concrete Beams. Advanced Materials Research, 2012, 626, 355-359.	0.3	20
40	An Overview Current Application of Artificial Neural Network in Concrete. Advanced Materials Research, 2012, 626, 372-375.	0.3	17
41	Engineering and transport properties of high-strength green concrete containing high volume of ultrafine palm oil fuel ash. Construction and Building Materials, 2012, 30, 281-288.	7.2	229
42	Overview of moment tensor analysis of acoustic emission signal in evaluation concrete structure. , 2011, , .		5
43	Analysis methods of Acoustic Emission signal for monitoring of reinforced concrete structure: A review. , 2011, , .		2
44	Relationship between acoustic emission signal strength and damage evaluation of reinforced concrete structure: Case studies. , 2011, , .		10
45	Damage severity evaluation on reinforced concrete beam by means of acoustic emission signal and intensity analysis. , 2011, , .		12
46	An investigation on acoustic wave velocity of reinforced concrete beam in-plane source. , 2011, , .		8
47	The use of acoustic emission for the early detection of cracking in concrete structures. Magazine of Concrete Research, 2011, 63, 683-688.	2.0	20
48	An observation of noise intervention into acoustic emission signal on concrete structure. , 2011, , .		8
49	Health Index Evaluation on Acoustic Emission Signal for Concrete Structure by Intensity Analysis Method. Advanced Materials Research, 0, 403-408, 3729-3733.	0.3	8
50	B-Value Analysis of AE Signal Subjected to Stepwise Loading. Advanced Materials Research, 0, 403-408, 4126-4131.	0.3	2
51	Characteristics of Treated Palm Oil Fuel Ash and its Effects on Properties of High Strength Concrete. Advanced Materials Research, 0, 626, 152-156.	0.3	24
52	Effects of Site Classification on Empirical Correlation between Shear Wave Velocity and Standard Penetration Resistance for Soils. Applied Mechanics and Materials, 0, 284-287, 1305-1310.	0.2	4
53	Study on Fluid Transport Properties between Normal Concrete Substrate and Green-USM-Reinforced Concrete (GUSMRC) Containing Ultra Fine Palm Oil Fuel Ash (U-POFA) as Repair Material. Applied Mechanics and Materials, 0, 802, 277-282.	0.2	2
54	Torsional behaviour of RC box beams strengthened by CFRP under combined shear and torsion. Proceedings of the Institution of Civil Engineers: Structures and Buildings, 0, , 1-15.	0.8	2