

Aeslina Abdul Abdul Kadir

List of Publications by Year in descending order

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103
papers

1,210
citations

623734

14
h-index

501196

28
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103
all docs

103
docs citations

103
times ranked

1066
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoparticles in Construction Materials and Other Applications, and Implications of Nanoparticle Use. <i>Materials</i> , 2019, 12, 3052.	2.9	161
2	A practical proposal for solving the world's cigarette butt problem: Recycling in fired clay bricks. <i>Waste Management</i> , 2016, 52, 228-244.	7.4	122
3	Amazing Types, Properties, and Applications of Fibres in Construction Materials. <i>Materials</i> , 2019, 12, 2513.	2.9	86
4	Relationship between Compressive, Splitting Tensile and Flexural Strength of Concrete Containing Granulated Waste Polyethylene Terephthalate (PET) Bottles as Fine Aggregate. <i>Advanced Materials Research</i> , 0, 795, 356-359.	0.3	72
5	Recycling cigarette butts in lightweight fired clay bricks. <i>Proceedings of Institution of Civil Engineers: Construction Materials</i> , 2011, 164, 219-229.	1.1	51
6	Effect of heating rate on gas emissions and properties of fired clay bricks and fired clay bricks incorporated with cigarette butts. <i>Applied Clay Science</i> , 2015, 104, 269-276.	5.2	47
7	Smart Recycle Bin: A Conceptual Approach of Smart Waste Management with Integrated Web Based System. , 2014, , .		44
8	Waste bones ash as an alternative source of P for struvite precipitation. <i>Journal of Environmental Management</i> , 2017, 203, 861-866.	7.8	32
9	Bricks: An Excellent Building Material for Recycling Wastes " A Review. , 2011, , .		27
10	Performance and Characterization of Geopolymer Concrete Reinforced with Short Steel Fiber. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 209, 012038.	0.6	24
11	Manufacturing of Fire Resistance Geopolymer: A Review. <i>MATEC Web of Conferences</i> , 2016, 78, 01023.	0.2	23
12	Development of Reverse Vending Machine (RVM) Framework for Implementation to a Standard Recycle Bin. <i>Procedia Computer Science</i> , 2017, 105, 75-80.	2.0	21
13	Properties and environmental impact of the mosaic sludge incorporated into fired clay bricks. <i>Construction and Building Materials</i> , 2018, 183, 300-310.	7.2	21
14	Mechanical and Durability Analysis of Fly Ash Based Geopolymer with Various Compositions for Rigid Pavement Applications. <i>Materials</i> , 2022, 15, 3458.	2.9	21
15	Cigarette Butts Pollution and Environmental Impact " A Review. <i>Applied Mechanics and Materials</i> , 0, 773-774, 1106-1110.	0.2	20
16	An Overview of Organic Waste in Composting. <i>MATEC Web of Conferences</i> , 2016, 47, 05025.	0.2	19
17	A Review of Fly Ash-Based Geopolymer Lightweight Bricks. <i>Applied Mechanics and Materials</i> , 0, 754-755, 452-456.	0.2	18
18	Effects of sodium hydroxide (NaOH) solution concentration on fly ash-based lightweight geopolymer. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	15

#	ARTICLE	IF	CITATIONS
19	Thermal Conductivity of Fired Clay Bricks Incorporated with Cigarette Butts. <i>Advanced Materials Research</i> , 0, 690-693, 919-924.	0.3	14
20	Geopolymer lightweight bricks manufactured from fly ash and foaming agent. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	14
21	The effect on slurry water as a fresh water replacement in concrete properties. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016, 133, 012041.	0.6	12
22	The Utilization of Coconut Fibre into Fired Clay Brick. <i>Key Engineering Materials</i> , 0, 673, 213-222.	0.4	12
23	Study on NPK Performance in Food Waste Composting by Using Agricultural Fermentation. <i>MATEC Web of Conferences</i> , 2017, 103, 05015.	0.2	12
24	Monitoring of sewage pollution in the surface sediments of coastal ecosystems using linear alkylbenzenes (LABs) as molecular markers. <i>Journal of Soils and Sediments</i> , 2020, 20, 3230-3242.	3.0	12
25	Linear alkylbenzenes in surface sediments of an estuarine and marine environment in peninsular Malaysia. <i>Marine Pollution Bulletin</i> , 2020, 153, 111013.	5.0	12
26	Determination of linear alkylbenzenes (LABs) in mangrove ecosystems using the oyster <i>Crassostrea belcheri</i> as a biosensor. <i>Marine Pollution Bulletin</i> , 2020, 154, 111115.	5.0	12
27	Properties Improvement of Fired Clay Bricks Incorporating with Cigarette Butts. <i>Advanced Materials Research</i> , 0, 535-537, 1723-1730.	0.3	11
28	Development of Concrete Mix Design Nomograph Containing Polyethylene Terephthalate (PET) as Fine Aggregate. <i>Advanced Materials Research</i> , 0, 701, 12-16.	0.3	11
29	Cracking Propagation of Reinforced Concrete Using Polyethylene Terephthalate (PET) Bottles as Fine Aggregate. <i>Advanced Materials Research</i> , 0, 911, 474-478.	0.3	11
30	Development of Fly Ash-Based Geopolymer Lightweight Bricks Using Foaming Agent - A Review. <i>Key Engineering Materials</i> , 2015, 660, 9-16.	0.4	11
31	Food Waste Composting Study from Makanan Ringan Mas. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016, 136, 012057.	0.6	11
32	Deflection Behaviour of Irregular-Shaped Polyethylene Terephthalate Fibre Reinforced Concrete Beam. <i>Advanced Materials Research</i> , 0, 911, 438-442.	0.3	10
33	The Utilization of Banana Peel in the Fermentation Liquid in Food Waste Composting. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016, 136, 012055.	0.6	10
34	Influence of Foaming Agent/Water Ratio and Foam/Geopolymer Paste Ratio to the Properties of Fly Ash-based Lightweight Geopolymer for Brick Application. <i>Revista De Chimie (discontinued)</i> , 2017, 68, 1978-1982.	0.4	10
35	Leachability of heavy metals from fired clay bricks incorporated with cigarette butts. , 2012, , .		9
36	Optimization of Leachate Treatment with Granular Biomeida: Feldspar and Zeolite. <i>Indian Journal of Science and Technology</i> , 2016, 9, .	0.7	9

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37	Properties of Concrete Mixes with Carwash Wastewater. MATEC Web of Conferences, 2017, 87, 01018.	0.2	9
38	Assessment of Sewage Molecular Markers in Port Dickson Coast and Kim Kim River with Sediment Linear Alkylbenzenes. Polycyclic Aromatic Compounds, 2023, 43, 343-355.	2.6	9
39	An Overview of Fly Ash and Bottom Ash Replacement in Self-Compaction Concrete. Key Engineering Materials, 2013, 594-595, 465-470.	0.4	7
40	Physical and Mechanical Properties of Fired Clay Bricks Incorporated with Cigarette Butts: Comparison between Slow and Fast Heating Rates. Applied Mechanics and Materials, 0, 421, 201-204.	0.2	7
41	Investigation on Leaching Behaviour of Fly Ash and Bottom Ash Replacement in Self-Compacting Concrete. IOP Conference Series: Materials Science and Engineering, 2016, 133, 012036.	0.6	7
42	Properties of fired clay brick incorporating with sewage sludge waste. AIP Conference Proceedings, 2017, , .	0.4	7
43	COMPARISON ON ACOUSTIC PERFORMANCE BETWEEN DUST AND COIR FORM EMPTY FRUIT BUNCHES (EFB) AS SOUND ABSORPTION MATERIAL. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	6
44	The Usage of Glass Waste as Cement Replacement. Key Engineering Materials, 0, 673, 95-104.	0.4	6
45	Potential of Agro Waste-Derived Adsorbent Material for Colour Removal. Defect and Diffusion Forum, 2018, 382, 292-296.	0.4	6
46	Rating of Sound Absorption for EFBMF Acoustic Panels according to ISO 11654:1997. MATEC Web of Conferences, 2018, 150, 03002.	0.2	6
47	Influence of Gypsum Waste Utilization on Properties and Leachability of Fired Clay Brick. Materials, 2021, 14, 2800.	2.9	6
48	An Overview of Composting Based on Variable Feedstock Material. MATEC Web of Conferences, 2016, 47, 05016.	0.2	5
49	Evaluation of physical, chemical and heavy metal concentration of food waste composting. MATEC Web of Conferences, 2017, 103, 05014.	0.2	5
50	A practical approach for solving disposal of rubber waste: Leachability of heavy metals from foamed concrete containing rubber powder waste (RPW). AIP Conference Proceedings, 2017, , .	0.4	5
51	Physical and mechanical properties of quarry dust waste incorporated into fired clay brick. AIP Conference Proceedings, 2017, , .	0.4	5
52	Petroleum sludge treatment and reuse for cement production as setting retarder. IOP Conference Series: Materials Science and Engineering, 2017, 203, 012010.	0.6	5
53	Immobilization of Metals in Fired Clay Brick Incorporated with Aluminium-Rich Electroplating Sludge: Properties and Leaching Analysis. Sustainability, 2022, 14, 8732.	3.2	5
54	Solid Waste Composition and Quantification at Taman Melewar, Parit Raja, Batu Pahat. IOP Conference Series: Materials Science and Engineering, 2016, 136, 012047.	0.6	4

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55	Petroleum Sludge as gypsum replacement in cement plants: Its Impact on Cement Strength. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012059.	0.6	4
56	Study on Fired Clay Bricks by Replacing Clay with Palm Oil Waste: Effects on Physical and Mechanical Properties. IOP Conference Series: Materials Science and Engineering, 2017, 209, 012037.	0.6	4
57	The Influence of Pre-Heated Treatment to Improve Adhesion Bond Coating Strength of Fly Ash Based Geopolymer Ceramic. IOP Conference Series: Materials Science and Engineering, 2018, 374, 012046.	0.6	4
58	Potential of Marine Clay as Raw Material in Geopolymer Composite. Advanced Materials Research, 2012, 626, 963-966.	0.3	3
59	Leachability of Fired Clay Brick Incorporating with Sludge Waste from Mosaic Industry. Materials Science Forum, 0, 803, 233-238.	0.3	3
60	Utilizing Slurry and Carwash Wastewater as Fresh Water Replacement in Concrete Properties. MATEC Web of Conferences, 2017, 103, 01020.	0.2	3
61	Incorporation of Palm Kernel Shell into Fired Clay Brick. MATEC Web of Conferences, 2017, 103, 01017.	0.2	3
62	Treatment of Petroleum Sludge By Using Solidification/Stabilization (S/S) Method : Effect of Hydration Days to Heavy Metals Leaching and Strength. IOP Conference Series: Earth and Environmental Science, 2018, 140, 012054.	0.3	3
63	Waste generation and characteristization: Case study of Seberang Takir, Kuala Nerus, Terengganu, Malaysia. Journal of Physics: Conference Series, 2018, 1049, 012029.	0.4	3
64	Takakura composting method for food wastes from small and medium industries with indigenous compost. Environmental Science and Pollution Research, 2021, 28, 65513-65524.	5.3	3
65	Leachability of Self-Compacting Concrete (SCC) Incorporated With Fly Ash and Bottom Ash by Using Static Leaching Procedure (SLT). Applied Mechanics and Materials, 2015, 773-774, 1261-1265.	0.2	2
66	Leachability of Self-Compacting Concrete (SCC) Incorporated with Fly Ash and Bottom Ash by Using Toxicity Characteristic Leaching Procedure (TCLP). Applied Mechanics and Materials, 0, 773-774, 1271-1275.	0.2	2
67	Leachability of Self-Compacting Concrete (SCC) Incorporated with Fly Ash and Bottom Ash by Using Synthetic Precipitation Leaching Procedure (SPLP). Applied Mechanics and Materials, 0, 773-774, 1375-1379.	0.2	2
68	Properties of Steel Mill Sludge Waste Incorporated in Fired Clay Brick. Materials Science Forum, 2016, 857, 358-362.	0.3	2
69	Review on Different Types of Geopolymer Concrete Fibres. Materials Science Forum, 0, 857, 388-394.	0.3	2
70	Solid Waste Composition Study at Taman Universiti, Parit Raja, Batu Pahat. IOP Conference Series: Materials Science and Engineering, 2016, 136, 012048.	0.6	2
71	Properties and Leachability of Self-Compacting Concrete Incorporated with Fly Ash and Bottom Ash. IOP Conference Series: Materials Science and Engineering, 2016, 133, 012039.	0.6	2
72	Physical and mechanical properties by utilizing empty fruit bunch into fired clay brick. AIP Conference Proceedings, 2017, , .	0.4	2

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73	Leachability of fired clay brick incorporating with sewage sludge waste. AIP Conference Proceedings, 2017, , .	0.4	2
74	Use of Incineration Solid Waste Bottom Ash as Cement Mixture in Cement Production. IOP Conference Series: Materials Science and Engineering, 2017, 209, 012082.	0.6	2
75	Stabilization of heavy metals in fired clay brick incorporated with wastewater treatment plant sludge: Leaching analysis. Journal of Physics: Conference Series, 2018, 995, 012071.	0.4	2
76	Empirical Framework of Reverse Vending Machine (RVM) with Material Identification Capability to Improve Recycling. Applied Mechanics and Materials, 0, 892, 114-119.	0.2	2
77	Alternative Remediation for Raw Petroleum Sludge by Using Solidification/stabilization Method. Journal of Solid Waste Technology and Management, 2021, 47, 216-224.	0.2	2
78	Indoor Air Quality of Fired Clay Brick Incorporated with Mosaic Sludge. Materials Science Forum, 0, 857, 342-346.	0.3	1
79	Leaching of Heavy Metals Using TCLP and SPLP Method from Fired Clay Brick Incorporating with Mosaic Sludge. Materials Science Forum, 0, 857, 352-357.	0.3	1
80	Characterization study on secondary sewage sludge for replacement in building materials. AIP Conference Proceedings, 2017, , .	0.4	1
81	Study on Waste Composition at Taman Pura Kencana, Batu Pahat. MATEC Web of Conferences, 2017, 103, 03006.	0.2	1
82	Feasibility study on utilization of palm fibre waste into fired clay brick. AIP Conference Proceedings, 2017, , .	0.4	1
83	Leachability of Quarry Dust Waste Incorporated into Fired Clay Brick using TCLP. Indian Journal of Science and Technology, 2017, 10, 1-4.	0.7	1
84	Investigation on Properties and Leachability of Sewage Sludge from Wastewater Treatment Plant Incorporated in Fired Clay Brick. IOP Conference Series: Materials Science and Engineering, 2018, 374, 012096.	0.6	1
85	Analysis of the cement clinker produced with incorporation of petroleum sludge. Journal of Physics: Conference Series, 2018, 995, 012070.	0.4	1
86	Study on the Effect of Potassium on Struvite Precipitation in Synthetic Landfill Leachate. Asian Journal of Water, Environment and Pollution, 2019, 16, 77-80.	0.5	1
87	Phosphorus Extraction from Fish Waste Bones Ash by Acidic Leaching Method. Asian Journal of Water, Environment and Pollution, 2020, 17, 1-6.	0.5	1
88	Overview on the Utilization of Quarry Dust as a Replacement Material in Construction Industry. International Journal of Integrated Engineering, 2018, 10, .	0.4	1
89	Treatment of Lead Contaminated Soil using Solidification/Stabilization Method Incorporated with Sugarcane Bagasse. Revista De Chimie (discontinued), 2017, 68, 1908-1913.	0.4	1
90	Long-Term Leaching Behavior Of Petroleum Sludge Waste Containing Palm Oil Fuel Ash And Quarry Dust By Using Solidification/Stabilization Method. International Journal of Engineering and Advanced Technology, 2019, 8, 3586-3596.	0.3	1

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91	Sewage Sludge Incorporating Into Fired Clay Brick: Indoor Air Quality Testing. International Journal of Innovative Technology and Exploring Engineering, 2019, 8, 1113-1118.	0.3	1
92	Utilization of Mosaic Sludge Waste into Fired Clay Brick: Properties and Leachability. Advanced Materials Research, 0, 1025-1026, 117-121.	0.3	0
93	The Effect on Leachability and Indoor Air Quality by Incorporating Waste Material into Fired Clay Brick. Applied Mechanics and Materials, 0, 773-774, 1063-1067.	0.2	0
94	Leachability of Heavy Metals from Steel Mill Sludge Incorporated in Fired Clay Brick. Materials Science Forum, 0, 857, 347-351.	0.3	0
95	Strength of Portland Cement with Several Composition of Bottom Ash in Different Fineness with Curing Time of 28 Days. Materials Science Forum, 2016, 857, 311-313.	0.3	0
96	Physical and Mechanical Properties of Bodymill Sludge (BS) Incorporated Into Fired Clay Brick. IOP Conference Series: Materials Science and Engineering, 2016, 133, 012034.	0.6	0
97	Study on Composition and Generation of Food Waste in Makanan Ringan Mas Industry. MATEC Web of Conferences, 2017, 103, 05002.	0.2	0
98	Mechanical properties of geopolymer lightweight brick with styrofoam pellet. AIP Conference Proceedings, 2017, , .	0.4	0
99	Leaching of Heavy Metals Using SPLP Method from Fired Clay Brick Incorporating with Sewage Sludge. IOP Conference Series: Materials Science and Engineering, 2017, 203, 012011.	0.6	0
100	Correlation between plant physiology and CO2 removable. AIP Conference Proceedings, 2017, , .	0.4	0
101	Characterization of Petroleum Sludge Prior to Be Treated in Cement Plants. Lecture Notes in Civil Engineering, 2021, , 145-166.	0.4	0
102	Long-Term Leaching Behavior of Petroleum Sludge Waste Containing Palm Oil Fuel Ash and Quarry Dust by Using Solidification/Stabilization Method. International Journal of Engineering and Advanced Technology, 2019, 8, 3840-3850.	0.3	0
103	The Potential of Heavy Metal Incorporation into Clay Precursors. International Journal of Recent Technology and Engineering, 2019, 8, 4839-4845.	0.2	0