

Ali Tighnavard Balasbaneh

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

481
citations

758635

12
h-index

713013

21
g-index

27
all docs

27
docs citations

27
times ranked

301
citing authors

#	ARTICLE	IF	CITATIONS
1	LCA & LCC analysis of hybrid glued laminated Timber-Concrete composite floor slab system. Journal of Building Engineering, 2022, 49, 104005.	1.6	7
2	Different alternative retrofit to improving the sustainability of building in tropical climate: multi-criteria decision-making. Environmental Science and Pollution Research, 2022, 29, 41669-41683.	2.7	9
3	Critical Analysis for Life Cycle Assessment of Bio-Cementitious Materials Production and Sustainable Solutions. Sustainability, 2022, 14, 1920.	1.6	4
4	Significance of intermodal freight modal choice criteria: MCDM-based decision support models and SP-based modal shift policies. Transport Policy, 2022, 121, 46-60.	3.4	17
5	Life Cycle Sustainability Assessment Study of Conventional and Prefabricated Construction Methods: MADM Analysis. Environmental Footprints and Eco-design of Products and Processes, 2021, , 179-201.	0.7	0
6	Assessing the life cycle study of alternative earth-retaining walls from an environmental and economic viewpoint. Environmental Science and Pollution Research, 2021, 28, 37387-37399.	2.7	5
7	Applying three pillar indicator assessments on alternative floor systems: life cycle study. International Journal of Life Cycle Assessment, 2021, 26, 1439-1455.	2.2	14
8	Life cycle sustainability assessment analysis of different concrete construction techniques for residential building in Malaysia. International Journal of Life Cycle Assessment, 2021, 26, 1301-1318.	2.2	14
9	Comparative sustainability evaluation of two engineered wood-based construction materials: Life cycle analysis of CLT versus GLT. Building and Environment, 2021, 204, 108112.	3.0	41
10	A comparative life cycle assessment (LCA) of concrete and steel-prefabricated prefinished volumetric construction structures in Malaysia. Environmental Science and Pollution Research, 2020, 27, 43186-43201.	2.7	40
11	Vulnerability assessment of building material against river flood water: case study in Malaysia. IOP Conference Series: Earth and Environmental Science, 2020, 476, 012004.	0.2	7
12	Sustainable residential building retrofit for improving energy efficiency: The owners' perspective in Malaysia. IOP Conference Series: Earth and Environmental Science, 2020, 476, 012008.	0.2	3
13	Implementation of Building Information Modeling for Construction Clash Detection Process in the Design Stage: A Case Study of Malaysian Police Headquarter Building. IOP Conference Series: Earth and Environmental Science, 2020, 476, 012009.	0.2	3
14	Applying multi-criteria decision-making on alternatives for earth-retaining walls: LCA, LCC, and S-LCA. International Journal of Life Cycle Assessment, 2020, 25, 2140-2153.	2.2	31
15	Life cycle sustainability assessment of window renovations in schools against noise pollution in tropical climates. Journal of Building Engineering, 2020, 32, 101784.	1.6	20
16	The role and importance of standards in cost optimization and increased productivity and quality in constructing health centers. IOP Conference Series: Earth and Environmental Science, 2020, 476, 012003.	0.2	0
17	Comparative analysis of single- and multi-criteria container transport modes in Peninsular Malaysia. International Journal of Sustainable Engineering, 2020, , 1-12.	1.9	1
18	Awareness of Building Information Modeling Implementation in Retrofitting the Existing Residential Building in Malaysia. IOP Conference Series: Earth and Environmental Science, 2020, 476, 012007.	0.2	1

#	ARTICLE	IF	CITATIONS
19	Sustainable materials selection based on flood damage assessment for a building using LCA and LCC. Journal of Cleaner Production, 2019, 222, 844-855.	4.6	40
20	Balancing of life cycle carbon and cost appraisal on alternative wall and roof design verification for residential building. Construction Innovation, 2018, 18, 274-300.	1.5	18
21	New residential construction building and composite post and beam structure toward global warming mitigation. Environmental Progress and Sustainable Energy, 2018, 37, 1394-1402.	1.3	20
22	Sustainability choice of different hybrid timber structure for low medium cost single-story residential building: Environmental, economic and social assessment. Journal of Building Engineering, 2018, 20, 235-247.	1.6	66
23	Proposing of new building scheme and composite towards global warming mitigation for Malaysia. International Journal of Sustainable Engineering, 2017, 10, 176-184.	1.9	11
24	Strategies for reducing greenhouse gas emissions from residential sector by proposing new building structures in hot and humid climatic conditions. Building and Environment, 2017, 124, 357-368.	3.0	40
25	Combinations of building construction material for residential building for the global warming mitigation for Malaysia. Construction and Building Materials, 2015, 85, 100-108.	3.2	64
26	Life Cycle Assessment of IBS in Malaysia and Comparing Human Health on Timber and Concrete Pre-cast. Research Journal of Applied Sciences, Engineering and Technology, 2013, 06, 4697-4702.	0.1	3
27	Recommending a new building structure to alleviate environmental impact in tropical climates: increasing the use of wood in construction. International Journal of Life Cycle Assessment, 0, , .	2.2	2