

Ali Tighnavard Balasbaneh

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

481
citations

758635

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713013

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docs citations

27
times ranked

301
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Sustainability choice of different hybrid timber structure for low medium cost single-story residential building: Environmental, economic and social assessment. <i>Journal of Building Engineering</i> , 2018, 20, 235-247. | 1.6 | 66 |
| 2 | Combinations of building construction material for residential building for the global warming mitigation for Malaysia. <i>Construction and Building Materials</i> , 2015, 85, 100-108. | 3.2 | 64 |
| 3 | Comparative sustainability evaluation of two engineered wood-based construction materials: Life cycle analysis of CLT versus GLT. <i>Building and Environment</i> , 2021, 204, 108112. | 3.0 | 41 |
| 4 | Strategies for reducing greenhouse gas emissions from residential sector by proposing new building structures in hot and humid climatic conditions. <i>Building and Environment</i> , 2017, 124, 357-368. | 3.0 | 40 |
| 5 | Sustainable materials selection based on flood damage assessment for a building using LCA and LCC. <i>Journal of Cleaner Production</i> , 2019, 222, 844-855. | 4.6 | 40 |
| 6 | A comparative life cycle assessment (LCA) of concrete and steel-prefabricated prefinished volumetric construction structures in Malaysia. <i>Environmental Science and Pollution Research</i> , 2020, 27, 43186-43201. | 2.7 | 40 |
| 7 | Applying multi-criteria decision-making on alternatives for earth-retaining walls: LCA, LCC, and S-LCA. <i>International Journal of Life Cycle Assessment</i> , 2020, 25, 2140-2153. | 2.2 | 31 |
| 8 | New residential construction building and composite post and beam structure toward global warming mitigation. <i>Environmental Progress and Sustainable Energy</i> , 2018, 37, 1394-1402. | 1.3 | 20 |
| 9 | Life cycle sustainability assessment of window renovations in schools against noise pollution in tropical climates. <i>Journal of Building Engineering</i> , 2020, 32, 101784. | 1.6 | 20 |
| 10 | Balancing of life cycle carbon and cost appraisal on alternative wall and roof design verification for residential building. <i>Construction Innovation</i> , 2018, 18, 274-300. | 1.5 | 18 |
| 11 | Significance of intermodal freight modal choice criteria: MCDM-based decision support models and SP-based modal shift policies. <i>Transport Policy</i> , 2022, 121, 46-60. | 3.4 | 17 |
| 12 | Applying three pillar indicator assessments on alternative floor systems: life cycle study. <i>International Journal of Life Cycle Assessment</i> , 2021, 26, 1439-1455. | 2.2 | 14 |
| 13 | Life cycle sustainability assessment analysis of different concrete construction techniques for residential building in Malaysia. <i>International Journal of Life Cycle Assessment</i> , 2021, 26, 1301-1318. | 2.2 | 14 |
| 14 | Proposing of new building scheme and composite towards global warming mitigation for Malaysia. <i>International Journal of Sustainable Engineering</i> , 2017, 10, 176-184. | 1.9 | 11 |
| 15 | Different alternative retrofit to improving the sustainability of building in tropical climate: multi-criteria decision-making. <i>Environmental Science and Pollution Research</i> , 2022, 29, 41669-41683. | 2.7 | 9 |
| 16 | Vulnerability assessment of building material against river flood water: case study in Malaysia. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 476, 012004. | 0.2 | 7 |
| 17 | LCA & LCC analysis of hybrid glued laminated Timber"Concrete composite floor slab system. <i>Journal of Building Engineering</i> , 2022, 49, 104005. | 1.6 | 7 |
| 18 | Assessing the life cycle study of alternative earth-retaining walls from an environmental and economic viewpoint. <i>Environmental Science and Pollution Research</i> , 2021, 28, 37387-37399. | 2.7 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Critical Analysis for Life Cycle Assessment of Bio-Cementitious Materials Production and Sustainable Solutions. Sustainability, 2022, 14, 1920. | 1.6 | 4 |
| 20 | 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 |
| 21 | Sustainable residential building retrofit for improving energy efficiency: The ownersâ€™ perspective in Malaysia. IOP Conference Series: Earth and Environmental Science, 2020, 476, 012008. | 0.2 | 3 |
| 22 | 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 |
| 23 | 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 |
| 24 | Comparative analysis of single- and multi-criteria container transport modes in Peninsular Malaysia. International Journal of Sustainable Engineering, 2020, , 1-12. | 1.9 | 1 |
| 25 | 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 |
| 26 | 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 |
| 27 | 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 |