

Rafael Horn

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

300
citations

840119

11
h-index

940134

16
g-index

16
all docs

16
docs citations

16
times ranked

350
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing Land Use Efficiencies and Land Quality Impacts of Renewable Transportation Energy Systems for Passenger Cars Using the LANCA [®] Method. Sustainability, 2022, 14, 6144.	1.6	1
2	Quality as Driver for Sustainable Construction – Holistic Quality Model and Assessment. Sustainability, 2020, 12, 7847.	1.6	14
3	The BIM2LCA Approach: An Industry Foundation Classes (IFC)-Based Interface to Integrate Life Cycle Assessment in Integral Planning. Sustainability, 2020, 12, 6558.	1.6	26
4	The Environmental Potential of Phase Change Materials in Building Applications. A Multiple Case Investigation Based on Life Cycle Assessment and Building Simulation. Energies, 2020, 13, 3045.	1.6	14
5	SDG-Based Sustainability Assessment Methodology for Innovations in the Field of Urban Surfaces. Sustainability, 2020, 12, 4466.	1.6	20
6	Probabilistic Life-Cycle Assessment of Service Life Extension on Renovated Buildings under Seismic Hazard. Buildings, 2020, 10, 48.	1.4	11
7	Bio-inspiration as a Concept for Sustainable Constructions Illustrated on Graded Concrete. Journal of Bionic Engineering, 2019, 16, 742-753.	2.7	9
8	Soil quality index: Exploring options for a comprehensive assessment of land use impacts in LCA. Journal of Cleaner Production, 2019, 215, 63-74.	4.6	64
9	Life Cycle Assessment of Innovative Materials for Thermal Energy Storage in Buildings. Procedia CIRP, 2018, 69, 206-211.	1.0	27
10	Closed Adsorption Heat Storage – A Life Cycle Assessment on Material and Component Levels. Energies, 2018, 11, 3421.	1.6	7
11	Life Cycle Assessment of thermal energy storage materials and components. Energy Procedia, 2018, 155, 111-120.	1.8	23
12	Sustainability Assessment of Concentrated Solar Power (CSP) Tower Plants – Integrating LCA, LCC and LCWE in One Framework. Procedia CIRP, 2018, 69, 395-400.	1.0	34
13	LCA and Eco-design: Consequential and Attributional Approaches for Bio-based Plastics. Procedia CIRP, 2018, 69, 579-584.	1.0	21
14	Ä–kobau.dat 3.0 – Quo Vadis?. Buildings, 2018, 8, 129.	1.4	14