

Apr 28, 2024 Achieving the building's sustainability requires the assessment of its life-cycle, involving the selection of sustainable materials during the construction stage and adopting ?

May 15, 2022 This method was applied to evaluate the effect of solar radiation on occupants in office buildings under different orientation and climate zones in China. The results show that ?

Apr 29, 2024 Following this trend, this article focuses on the implementation of a parametric digital workflow to evaluate the energy performance of a nearly zero energy high-rise 23-storey ?

Jan 1, 2015 The need for energy efficient building design has stimulated the integrating buildings with energy systems. In this paper, a novel solar thermal curtain wall (STCW), which is the ?

Dec 1, 2021 The development of energy-saving technologies for buildings is an important means of achieving carbon neutrality. The respiration-type double-layer glass curtain wall (RDGCW) ?

Jul 4, 2025 ECORAY SOLUTION PRO est une entreprise marocaine sp&#233;cialis&#233;e dans l'installation de parcs solaires avec technologies avanc&#233;es, offrant une couverture nationale et ?

Dec 3, 2023 In this study, we investigated the impact of the use of shading devices (overhangs and wings) on thermal comfort and the energy performance of a typical Moroccan R+1 building ?

Jul 18, 2025 The Solar Week Morocco 2025, held on June 23 at the Kenzi Tower Hotel, Casablanca ? Morocco, concluded with resounding success, marking a significant milestone in ?

Feb 1, 2020 The fast growing numbers of high-rise buildings around the world, a product of expanding urbanization and population growth, dictate the implementation of design strategies ?

May 23, 2025 In the heart of Morocco, a groundbreaking study is reshaping the future of commercial buildings and their impact on the environment. Led by Iduanaou Abdessamad of ?

This study investigates the potential of PV-integrated double-skin facades in achieving net-zero carbon emissions for commercial buildings in Morocco, a country with abundant solar ?

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Jul 20, 2017 Being a high-rise building, the optimization of an office tower consumption is a priority. The application of energy efficiency measures to the baseline building shows an ?

May 21, 2025 The construction and operation of commercial buildings significantly contribute to global greenhouse gas emissions. This study investigates the effectiveness of photovoltaic ?

Jul 8, 2022 ABSTRACT The study presented in this paper aims at developing a methodology for energy optimization of PV integrated curtain wall systems. This proposed methodology ?

May 2, 2024 Our official English website,, welcomes your feedback! (Note: you will need to create a separate account there.) Experimental assessment and 3D numerical ?

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