

Publications at Alexandria University



Within: **Roofs; Heat Island; Buildings** TC.622 | Year range: 2019 to 2022

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Evaluation of plantation design methodology to improve the human thermal comfort in hot-arid climatic responsive open spaces

Atwa, S., Ibrahim, M.G., Murata, R.

2020

Sustainable Cities and Society

19

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Using simulation methods to investigate the impact of urban form on human comfort. Case study: Coast of Baltim, North Coast, Egypt

limona, S.S., Al-hagla, K.S., El-sayad, Z.T.

2019

Alexandria Engineering Journal

14

Open Access

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Urban heat island in the modern tropical Kuala Lumpur: Comparative weight of the different parameters

Harun, Z., Reda, E., Abdulrazzaq, A. and 3 more

2020

Alexandria Engineering Journal

8

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Improving pedestrian micro-climate in urban canyons: City Center of Alexandria, Egypt

Gaber, N., Ibrahim, A., B. Rashad, A. and 3 more

2020

Urban Climate

5

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Effect of Dust Types on the Eco-Physiological Response of Three Tree Species Seedlings: Eucalyptus camaldulensis, Conocarpus erectus and Bombax ceiba

Nawaz, M.F., Rashid, M.H.U., Saeed-Ur-rehman, M. and 7 more

2022

Atmosphere

2

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Improvement of Outdoor Space Microclimate in Hot Arid Regions Using Solar Pavilions

Basaly, L.G., Ibrahim, M.G., Badawy, N.M. and 2 more

2021

Journal of Urban Planning and Development

2

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Classification framework of local climate zones using world urban database and access portal tools: Case study of Alexandria city, Egypt
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Title	Authors	Year	Scopus Source	Citations
the microclimate in a hot arid climate – A field based study	Asawa, T. and 1 more		Society	1
Variation of the Urban Heat Island Intensity over One Year in Putrajaya, Malaysia	Harun, Z., Azhar, N.I., Abbas, A.A. and 3 more	2022	Journal of Mechanical Engineering	0
Sustainable design for zero carbon architecture	Al-Temmamy, M.Z., Abd-Rabo, L.M.	2019	IOP Conference Series: Materials Science and Engineering	0
Semi-automated method to extract urban areas from barren land/ bare soil, case study: Idku, Nile delta coast, Egypt	Khalil, H.H., Hassaan, M.	2020	Current Applied Science and Technology	0