Haider Taha

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10884316/publications.pdf

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26	3,812	430754	580701
papers	citations	18 h-index	25 g-index

30	30	30	3496
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Urban climates and heat islands: albedo, evapotranspiration, and anthropogenic heat. Energy and Buildings, 1997, 25, 99-103.	3.1	1,082
2	The integrated WRF/urban modelling system: development, evaluation, and applications to urban environmental problems. International Journal of Climatology, 2011, 31, 273-288.	1.5	875
3	Residential cooling loads and the urban heat islandâ€"the effects of albedo. Building and Environment, 1988, 23, 271-283.	3.0	231
4	Analyzing the land cover of an urban environment using high-resolution orthophotos. Landscape and Urban Planning, 2003, 63, 1-14.	3.4	187
5	Modeling impacts of increased urban vegetation on ozone air quality in the South Coast Air Basin. Atmospheric Environment, 1996, 30, 3423-3430.	1.9	158
6	The impact of trees and white surfaces on residential heating and cooling energy use in four Canadian cities. Energy, 1992, 17, 141-149.	4.5	135
7	National Urban Database and Access Portal Tool. Bulletin of the American Meteorological Society, 2009, 90, 1157-1168.	1.7	125
8	Meso-urban meteorological and photochemical modeling of heat island mitigation. Atmospheric Environment, 2008, 42, 8795-8809.	1.9	124
9	Modeling the impacts of large-scale albedo changes on ozone air quality in the South Coast Air Basin. Atmospheric Environment, 1997, 31, 1667-1676.	1.9	118
10	PROGRESS IN URBAN GREENERY MITIGATION SCIENCE â€“ ASSESSMENT METHODOLOGIES ADVANCED TECHNOLOGIES AND IMPACT ON CITIES. Journal of Civil Engineering and Management, 2018, 24, 638-671.	1.9	109
11	Modifying a Mesoscale Meteorological Model to Better Incorporate Urban Heat Storage: A Bulk-Parameterization Approach. Journal of Applied Meteorology and Climatology, 1999, 38, 466-473.	1.7	104
12	The potential for air-temperature impact from large-scale deployment of solar photovoltaic arrays in urban areas. Solar Energy, 2013, 91, 358-367.	2.9	93
13	Urban Surface Modification as a Potential Ozone Air-quality Improvement Strategy in California: A Mesoscale Modelling Study. Boundary-Layer Meteorology, 2008, 127, 219-239.	1.2	86
14	Mesoscale meteorological and air quality impacts of increased urban albedo and vegetation. Energy and Buildings, 1997, 25, 169-177.	3.1	80
15	Episodic Performance and Sensitivity of the Urbanized MM5 (uMM5) to Perturbations in Surface Properties in Houston Texas. Boundary-Layer Meteorology, 2008, 127, 193-218.	1.2	51
16	Meteorological, air-quality, and emission-equivalence impacts of urban heat island control in California. Sustainable Cities and Society, 2015, 19, 207-221.	5.1	30
17	Characterization of Urban Heat and Exacerbation: Development of a Heat Island Index for California. Climate, 2017, 5, 59.	1.2	25
18	Impacts of Lowered Urban Air Temperatures on Precursor Emission and Ozone Air Quality. Journal of the Air and Waste Management Association, 1998, 48, 860-865.	0.9	18

#	Article	IF	Citations
19	Air-Temperature Response to Neighborhood-Scale Variations in Albedo and Canopy Cover in the Real World: Fine-Resolution Meteorological Modeling and Mobile Temperature Observations in the Los Angeles Climate Archipelago. Climate, 2018, 6, 53.	1.2	17
20	Meteorological, emissions and air-quality modeling of heat-island mitigation: recent findings for California, USA. International Journal of Low-Carbon Technologies, 2015, 10, 3-14.	1.2	16
21	Cool Cities: Counteracting Potential Climate Change and its Health Impacts. Current Climate Change Reports, 2015, 1, 163-175.	2.8	15
22	Observational Evidence of Neighborhood Scale Reductions in Air Temperature Associated with Increases in Roof Albedo. Climate, 2018, 6, 98.	1.2	14
23	An urban-forest control measure for ozone in the Sacramento, CA Federal Non-Attainment Area (SFNA). Sustainable Cities and Society, 2016, 21, 51-65.	5.1	12
24	Evaluating the Effects of Radiative Forcing Feedback in Modelling Urban Ozone Air Quality in Portland, Oregon: Two-Way Coupled MM5â€“CMAQ Numerical Model Simulations. Boundary-Layer Meteorology, 2010, 137, 291-305.	1.2	11
25	Heat Islands and Energy. , 2004, , 133-143.		6
26	Development of an Urban Heat Mitigation Plan for the Greater Sacramento Valley, California, a Csa Koppen Climate Type. Sustainability, 2021, 13, 9709.	1.6	2