

Haider Taha

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30
papers

3,044
citations

18
h-index

30
g-index

30
ext. papers

3,354
ext. citations

5.3
avg, IF

5.55
L-index

#	Paper	IF	Citations
30	Urban climates and heat islands: albedo, evapotranspiration, and anthropogenic heat. <i>Energy and Buildings</i> , 1997 , 25, 99-103	7	885
29	The integrated WRF/urban modelling system: development, evaluation, and applications to urban environmental problems. <i>International Journal of Climatology</i> , 2011 , 31, 273-288	3.5	681
28	Residential cooling loads and the urban heat island—the effects of albedo. <i>Building and Environment</i> , 1988 , 23, 271-283	6.5	189
27	Analyzing the land cover of an urban environment using high-resolution orthophotos. <i>Landscape and Urban Planning</i> , 2003 , 63, 1-14	7.7	153
26	Modeling impacts of increased urban vegetation on ozone air quality in the South Coast Air Basin. <i>Atmospheric Environment</i> , 1996 , 30, 3423-3430	5.3	129
25	Meso-urban meteorological and photochemical modeling of heat island mitigation. <i>Atmospheric Environment</i> , 2008 , 42, 8795-8809	5.3	108
24	Modeling the impacts of large-scale albedo changes on ozone air quality in the South Coast Air Basin. <i>Atmospheric Environment</i> , 1997 , 31, 1667-1676	5.3	105
23	The impact of trees and white surfaces on residential heating and cooling energy use in four Canadian cities. <i>Energy</i> , 1992 , 17, 141-149	7.9	104
22	National Urban Database and Access Portal Tool. <i>Bulletin of the American Meteorological Society</i> , 2009 , 90, 1157-1168	6.1	100
21	Modifying a Mesoscale Meteorological Model to Better Incorporate Urban Heat Storage: A Bulk-Parameterization Approach. <i>Journal of Applied Meteorology and Climatology</i> , 1999 , 38, 466-473		79
20	Urban Surface Modification as a Potential Ozone Air-quality Improvement Strategy in California: A Mesoscale Modelling Study. <i>Boundary-Layer Meteorology</i> , 2008 , 127, 219-239	3.4	78
19	PROGRESS IN URBAN GREENERY MITIGATION SCIENCE ASSESSMENT METHODOLOGIES ADVANCED TECHNOLOGIES AND IMPACT ON CITIES. <i>Journal of Civil Engineering and Management</i> , 2018 , 24, 638-671	3	71
18	Mesoscale meteorological and air quality impacts of increased urban albedo and vegetation. <i>Energy and Buildings</i> , 1997 , 25, 169-177	7	63
17	The potential for air-temperature impact from large-scale deployment of solar photovoltaic arrays in urban areas. <i>Solar Energy</i> , 2013 , 91, 358-367	6.8	54
16	Episodic Performance and Sensitivity of the Urbanized MM5 (uMM5) to Perturbations in Surface Properties in Houston Texas. <i>Boundary-Layer Meteorology</i> , 2008 , 127, 193-218	3.4	45
15	Characterizing the fabric of the urban environment: A case study of Greater Houston, Texas		34
14	Meteorological, air-quality, and emission-equivalence impacts of urban heat island control in California. <i>Sustainable Cities and Society</i> , 2015 , 19, 207-221	10.1	26

13	Characterizing the Fabric of the Urban Environment: A Case Study of Sacramento, California		22
12	Characterization of Urban Heat and Exacerbation: Development of a Heat Island Index for California. <i>Climate</i> , 2017 , 5, 59	3.1	16
11	Impacts of Lowered Urban Air Temperatures on Precursor Emission and Ozone Air Quality. <i>Journal of the Air and Waste Management Association</i> , 1998 , 48, 860-865	2.4	16
10	Meteorological, emissions and air-quality modeling of heat-island mitigation: recent findings for California, USA. <i>International Journal of Low-Carbon Technologies</i> , 2015 , 10, 3-14	2.8	14
9	Cool Cities: Counteracting Potential Climate Change and its Health Impacts. <i>Current Climate Change Reports</i> , 2015 , 1, 163-175	9	12
8	An urban-forest control measure for ozone in the Sacramento, CA Federal Non-Attainment Area (SFNA). <i>Sustainable Cities and Society</i> , 2016 , 21, 51-65	10.1	11
7	Observational Evidence of Neighborhood Scale Reductions in Air Temperature Associated with Increases in Roof Albedo. <i>Climate</i> , 2018 , 6, 98	3.1	11
6	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. <i>Climate</i> , 2018 , 6, 53	3.1	10
5	Evaluating the Effects of Radiative Forcing Feedback in Modelling Urban Ozone Air Quality in Portland, Oregon: Two-Way Coupled MM5-CMAQ Numerical Model Simulations. <i>Boundary-Layer Meteorology</i> , 2010 , 137, 291-305	3.4	10
4	Meteorological and air quality impacts of increased urban albedo and vegetative cover in the Greater Toronto Area, Canada		8
3	Potential impacts of climate change on tropospheric ozone in California: a preliminary episodic modeling assessment of the Los Angeles basin and the Sacramento valley		7
2	Heat Islands and Energy 2004 , 133-143		2
1	Development of an Urban Heat Mitigation Plan for the Greater Sacramento Valley, California, a Csa Koppen Climate Type. <i>Sustainability</i> , 2021 , 13, 9709	3.6	1