

# Tzu-Ping Lin

## List of Publications by Year in Descending Order

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**Version:** 2024-04-23

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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.

63

papers

3,598

citations

26

h-index

59

g-index

75

ext. papers

4,164

ext. citations

5.3

avg, IF

5.99

L-index

#	Paper	IF	Citations
63	A systematic review advocating a framework and benchmarks for assessing outdoor human thermal perception.. <i>Science of the Total Environment</i> , <b>2022</b> , 155128	10.2	0
62	A Study Regarding the Thermal Environment and Thermal Comfort during the 2021 National Intercollegiate Athletic Games and Related Activities in Taiwan. <i>Environmental Sciences Proceedings</i> , <b>2021</b> , 8, 32	1	
61	Explore the Accuracy of the Pedestrian Level Temperature Estimated by the Combination of LCZ with WRF Urban Canopy Model through the Microclimate Measurement Network. <i>Environmental Sciences Proceedings</i> , <b>2021</b> , 8, 14	1	
60	Application of a High-Density Temperature Measurement System for the Management of the Kaohsiung House Project. <i>Sustainability</i> , <b>2021</b> , 13, 960	3.6	1
59	A Study of the Thermal Environment and Air Quality in HotHumid Regions during Running Events in Southern Taiwan. <i>Atmosphere</i> , <b>2020</b> , 11, 1101	2.7	1
58	Evaluation and mapping of building overheating risk and air conditioning use due to the urban heat island effect. <i>Journal of Building Engineering</i> , <b>2020</b> , 32, 101726	5.2	8
57	Spatial relationship between land development pattern and intra-urban thermal variations in Taipei. <i>Sustainable Cities and Society</i> , <b>2020</b> , 62, 102415	10.1	13
56	Approaching environmental human thermophysiological thresholds for the case of Ankara, Turkey. <i>Theoretical and Applied Climatology</i> , <b>2020</b> , 143, 1-23	3	3
55	Sky view factor measurement by using a spherical camera. <i>J Agricultural Meteorology</i> , <b>2019</b> , 75, 59-66	1.1	10
54	The application of a high-density street-level air temperature observation network (HiSAN): The relationship between air temperature, urban development, and geographic features. <i>Science of the Total Environment</i> , <b>2019</b> , 685, 710-722	10.2	12
53	Carbon dioxide emissions evaluations and mitigations in the building and traffic sectors in Taichung metropolitan area, Taiwan. <i>Journal of Cleaner Production</i> , <b>2019</b> , 230, 1241-1255	10.3	15
52	Generating hourly local weather data with high spatially resolution and the applications in bioclimatic performance. <i>Science of the Total Environment</i> , <b>2019</b> , 653, 1262-1271	10.2	7
51	Interpreting air temperature generated from urban climatic map by urban morphology in Taipei. <i>Theoretical and Applied Climatology</i> , <b>2019</b> , 137, 2657-2662	3	5
50	The potential of a modified physiologically equivalent temperature (mPET) based on local thermal comfort perception in hot and humid regions. <i>Theoretical and Applied Climatology</i> , <b>2019</b> , 135, 873-876	3	14
49	The application of a high-density street-level air temperature observation network (HiSAN): Dynamic variation characteristics of urban heat island in Tainan, Taiwan. <i>Science of the Total Environment</i> , <b>2018</b> , 626, 555-566	10.2	22
48	Identifying outdoor thermal risk areas and evaluation of future thermal comfort concerning shading orientation in a traditional settlement. <i>Science of the Total Environment</i> , <b>2018</b> , 626, 567-580	10.2	21
47	Outdoor human thermal perception in various climates: A comprehensive review of approaches, methods and quantification. <i>Science of the Total Environment</i> , <b>2018</b> , 631-632, 390-406	10.2	183

46	Estimation of Carbon Dioxide Emissions Generated by Building and Traffic in Taichung City. <i>Sustainability</i> , <b>2018</b> , 10, 112	3.6	9
45	The Carbon Impact of International Tourists to an Island Country. <i>Sustainability</i> , <b>2018</b> , 10, 1386	3.6	7
44	Using geospatial information and building energy simulation to construct urban residential energy use map with high resolution for Taiwan cities. <i>Energy and Buildings</i> , <b>2017</b> , 157, 166-175	7	8
43	Long-term perceptions of outdoor thermal environments in an elementary school in a hot-humid climate. <i>International Journal of Biometeorology</i> , <b>2017</b> , 61, 1657-1666	3.7	23
42	Urban thermal stress climatic mapping: Combination of long-term climate data and thermal stress risk evaluation. <i>Sustainable Cities and Society</i> , <b>2017</b> , 34, 12-21	10.1	20
41	Modeling the urban thermal environment distributions in Taipei Basin using Local Climate Zone (LCZ) <b>2017</b> ,		4
40	A simple approach for the development of urban climatic maps based on the urban characteristics in Tainan, Taiwan. <i>International Journal of Biometeorology</i> , <b>2017</b> , 61, 1029-1041	3.7	14
39	Multiscale analysis and reduction measures of urban carbon dioxide budget based on building energy consumption. <i>Energy and Buildings</i> , <b>2017</b> , 153, 356-367	7	12
38	High Resolution Decision Maps for Urban Planning: A Combined Analysis of Urban Flooding and Thermal Stress Potential In Asia and Europe. <i>MATEC Web of Conferences</i> , <b>2017</b> , 103, 04012	0.3	3
37	Urban Roughness Estimation Based on Digital Building Models for Urban Wind and Thermal Condition Estimation Application of the SkyHelios Model. <i>Atmosphere</i> , <b>2017</b> , 8, 247	2.7	8
36	An integrated outdoor spaces design procedure to relieve heat stress in hot and humid regions. <i>Building and Environment</i> , <b>2016</b> , 99, 149-160	6.5	43
35	Modeling of mean radiant temperature based on comparison of airborne remote sensing data with surface measured data. <i>Atmospheric Research</i> , <b>2016</b> , 174-175, 151-159	5.4	10
34	Management of shading and public places <b>2016</b> , 49-77		2
33	Looking for simple correction functions between the mean radiant temperature from the standard black globe and the six-directional techniques in Taiwan. <i>Theoretical and Applied Climatology</i> , <b>2015</b> , 121, 99-111	3	25
32	Assessment of the influence of daily shadings pattern on human thermal comfort and attendance in Rome during summer period. <i>Building and Environment</i> , <b>2015</b> , 92, 30-38	6.5	58
31	Advances in Urban Biometeorology 2014. <i>Advances in Meteorology</i> , <b>2015</b> , 2015, 1-3	1.7	1
30	Investigating Thermal Comfort and User Behaviors in Outdoor Spaces: A Seasonal and Spatial Perspective. <i>Advances in Meteorology</i> , <b>2015</b> , 2015, 1-11	1.7	21
29	Customized rating assessment of climate suitability (CRACS): climate satisfaction evaluation based on subjective perception. <i>International Journal of Biometeorology</i> , <b>2015</b> , 59, 1825-37	3.7	17

28	Implementation of green building specification credits for better thermal conditions in naturally ventilated school buildings. <i>Building and Environment</i> , <b>2015</b> , 86, 141-150	6.5	36
27	Outdoor thermal perception in different climatic regions. Initial results from Taichung (Taiwan) and Lisbon (Portugal) <b>2015</b> , 49,		2
26	Outdoor thermal comfort characteristics in the hot and humid region from a gender perspective. <i>International Journal of Biometeorology</i> , <b>2014</b> , 58, 1927-39	3.7	60
25	Carbon dioxide emissions generated by energy consumption of hotels and homestay facilities in Taiwan. <i>Tourism Management</i> , <b>2014</b> , 42, 13-21	10.8	87
24	Comparison of mean radiant temperature from field experiment and modelling: a case study in Freiburg, Germany. <i>Theoretical and Applied Climatology</i> , <b>2014</b> , 118, 535-551	3	73
23	Daytime relapse of the mean radiant temperature based on the six-directional method under unobstructed solar radiation. <i>International Journal of Biometeorology</i> , <b>2014</b> , 58, 1615-25	3.7	19
22	Effects of thermal comfort and adaptation on park attendance regarding different shading levels and activity types. <i>Building and Environment</i> , <b>2013</b> , 59, 599-611	6.5	122
21	Thermal Comfort for Urban Parks in Subtropics: Understanding Visitor Perceptions, Behavior and Attendance. <i>Advances in Meteorology</i> , <b>2013</b> , 2013, 1-8	1.7	31
20	Advances in Urban Biometeorology. <i>Advances in Meteorology</i> , <b>2013</b> , 2013, 1-3	1.7	1
19	Quantification of the effect of thermal indices and sky view factor on park attendance. <i>Landscape and Urban Planning</i> , <b>2012</b> , 107, 137-146	7.7	133
18	Linking occupants thermal perception and building thermal performance in naturally ventilated school buildings. <i>Applied Energy</i> , <b>2012</b> , 94, 355-363	10.7	81
17	Vegetation as a Material of Roof and City to Cool down the Temperature. <i>Advanced Materials Research</i> , <b>2012</b> , 461, 552-556	0.5	17
16	Effect of thermal adaptation on seasonal outdoor thermal comfort. <i>International Journal of Climatology</i> , <b>2011</b> , 31, 302-312	3.5	148
15	Seasonal effects of urban street shading on long-term outdoor thermal comfort. <i>Building and Environment</i> , <b>2011</b> , 46, 863-870	6.5	199
14	Tourism climate information based on human thermal perception in Taiwan and Eastern China. <i>Tourism Management</i> , <b>2011</b> , 32, 492-500	10.8	73
13	Adaptive comfort model for tree-shaded outdoors in Taiwan. <i>Building and Environment</i> , <b>2010</b> , 45, 1873-1879	3.7	46
12	Carbon dioxide emissions from transport in Taiwan's national parks. <i>Tourism Management</i> , <b>2010</b> , 31, 285-290	10.8	96
11	Passenger thermal perceptions, thermal comfort requirements, and adaptations in short- and long-haul vehicles. <i>International Journal of Biometeorology</i> , <b>2010</b> , 54, 221-30	3.7	21

10	Shading effect on long-term outdoor thermal comfort. <i>Building and Environment</i> , <b>2010</b> , 45, 213-221	6.5	375
9	Investigating the adaptive model of thermal comfort for naturally ventilated school buildings in Taiwan. <i>International Journal of Biometeorology</i> , <b>2009</b> , 53, 189-200	3.7	75
8	Thermal perceptions, general adaptation methods and occupant's idea about the trade-off between thermal comfort and energy saving in hot humid regions. <i>Building and Environment</i> , <b>2009</b> , 44, 1128-1134	6.5	116
7	Additive model for thermal comfort generated by matrix experiment using orthogonal array. <i>Building and Environment</i> , <b>2009</b> , 44, 1730-1739	6.5	26
6	Thermal perception, adaptation and attendance in a public square in hot and humid regions. <i>Building and Environment</i> , <b>2009</b> , 44, 2017-2026	6.5	392
5	Tourism climate and thermal comfort in Sun Moon Lake, Taiwan. <i>International Journal of Biometeorology</i> , <b>2008</b> , 52, 281-90	3.7	338
4	Seasonal effect of pavement on outdoor thermal environments in subtropical Taiwan. <i>Building and Environment</i> , <b>2007</b> , 42, 4124-4131	6.5	62
3	Patient thermal comfort requirement for hospital environments in Taiwan. <i>Building and Environment</i> , <b>2007</b> , 42, 2980-2987	6.5	81
2	Thermal Comfort Requirements for Occupants of Semi-Outdoor and Outdoor Environments in Hot-Humid Regions. <i>Architectural Science Review</i> , <b>2007</b> , 50, 357-364	2.6	100
1	Field experiments on thermal comfort in campus classrooms in Taiwan. <i>Energy and Buildings</i> , <b>2006</b> , 38, 53-62	7	160