Tzu-Ping Lin

List of Publications by Citations

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	Thermal perception, adaptation and attendance in a public square in hot and humid regions. *Building and Environment*, **2009**, 44, 2017-2026	6.5	392
62	Shading effect on long-term outdoor thermal comfort. *Building and Environment*, **2010**, 45, 213-221	6.5	375
61	Tourism climate and thermal comfort in Sun Moon Lake, Taiwan. *International Journal of Biometeorology*, **2008**, 52, 281-90	3.7	338
60	Seasonal effects of urban street shading on long-term outdoor thermal comfort. *Building and Environment*, **2011**, 46, 863-870	6.5	199
59	Outdoor human thermal perception in various climates: A comprehensive review of approaches, methods and quantification. *Science of the Total Environment*, **2018**, 631-632, 390-406	10.2	183
58	Field experiments on thermal comfort in campus classrooms in Taiwan. *Energy and Buildings*, **2006**, 38, 53-62	7	160
57	Effect of thermal adaptation on seasonal outdoor thermal comfort. *International Journal of Climatology*, **2011**, 31, 302-312	3.5	148
56	Quantification of the effect of thermal indices and sky view factor on park attendance. *Landscape and Urban Planning*, **2012**, 107, 137-146	7.7	133
55	Effects of thermal comfort and adaptation on park attendance regarding different shading levels and activity types. *Building and Environment*, **2013**, 59, 599-611	6.5	122
54	Thermal perceptions, general adaptation methods and occupant's idea about the trade-off between thermal comfort and energy saving in hot–humid regions. *Building and Environment*, **2009**, 44, 1128-1134	6.5	116
53	Thermal Comfort Requirements for Occupants of Semi-Outdoor and Outdoor Environments in Hot-Humid Regions. *Architectural Science Review*, **2007**, 50, 357-364	2.6	100
52	Carbon dioxide emissions from transport in Taiwan's national parks. *Tourism Management*, **2010**, 31, 285-290	10.8	96
51	Carbon dioxide emissions generated by energy consumption of hotels and homestay facilities in Taiwan. *Tourism Management*, **2014**, 42, 13-21	10.8	87
50	Linking occupants' thermal perception and building thermal performance in naturally ventilated school buildings. *Applied Energy*, **2012**, 94, 355-363	10.7	81
49	Patient thermal comfort requirement for hospital environments in Taiwan. *Building and Environment*, **2007**, 42, 2980-2987	6.5	81
48	Investigating the adaptive model of thermal comfort for naturally ventilated school buildings in Taiwan. *International Journal of Biometeorology*, **2009**, 53, 189-200	3.7	75
47	Comparison of mean radiant temperature from field experiment and modelling: a case study in Freiburg, Germany. *Theoretical and Applied Climatology*, **2014**, 118, 535-551	3	73

46	Tourism climate information based on human thermal perception in Taiwan and Eastern China. *Tourism Management*, **2011**, 32, 492-500	10.8	73
45	Seasonal effect of pavement on outdoor thermal environments in subtropical Taiwan. *Building and Environment*, **2007**, 42, 4124-4131	6.5	62
44	Outdoor thermal comfort characteristics in the hot and humid region from a gender perspective. *International Journal of Biometeorology*, **2014**, 58, 1927-39	3.7	60
43	Assessment of the influence of daily shadings pattern on human thermal comfort and attendance in Rome during summer period. *Building and Environment*, **2015**, 92, 30-38	6.5	58
42	Adaptive comfort model for tree-shaded outdoors in Taiwan. *Building and Environment*, **2010**, 45, 1873-1879	6.5	46
41	An integrated outdoor spaces design procedure to relieve heat stress in hot and humid regions. *Building and Environment*, **2016**, 99, 149-160	6.5	43
40	Implementation of green building specification credits for better thermal conditions in naturally ventilated school buildings. *Building and Environment*, **2015**, 86, 141-150	6.5	36
39	Thermal Comfort for Urban Parks in Subtropics: Understanding Visitors Perceptions, Behavior and Attendance. *Advances in Meteorology*, **2013**, 2013, 1-8	1.7	31
38	Additive model for thermal comfort generated by matrix experiment using orthogonal array. *Building and Environment*, **2009**, 44, 1730-1739	6.5	26
37	Looking for simple correction functions between the mean radiant temperature from the standard black globe and the six-directional techniques in Taiwan. *Theoretical and Applied Climatology*, **2015**, 121, 99-111	3	25
36	Long-term perceptions of outdoor thermal environments in an elementary school in a hot-humid climate. *International Journal of Biometeorology*, **2017**, 61, 1657-1666	3.7	23
35	The application of a high-density street-level air temperature observation network (HiSAN): Dynamic variation characteristics of urban heat island in Tainan, Taiwan. *Science of the Total Environment*, **2018**, 626, 555-566	10.2	22
34	Identifying outdoor thermal risk areas and evaluation of future thermal comfort concerning shading orientation in a traditional settlement. *Science of the Total Environment*, **2018**, 626, 567-580	10.2	21
33	Investigating Thermal Comfort and User Behaviors in Outdoor Spaces: A Seasonal and Spatial Perspective. *Advances in Meteorology*, **2015**, 2015, 1-11	1.7	21
32	Passenger thermal perceptions, thermal comfort requirements, and adaptations in short- and long-haul vehicles. *International Journal of Biometeorology*, **2010**, 54, 221-30	3.7	21
31	Urban thermal stress climatic mapping: Combination of long-term climate data and thermal stress risk evaluation. *Sustainable Cities and Society*, **2017**, 34, 12-21	10.1	20
30	Daytime relapse of the mean radiant temperature based on the six-directional method under unobstructed solar radiation. *International Journal of Biometeorology*, **2014**, 58, 1615-25	3.7	19
29	Customized rating assessment of climate suitability (CRACS): climate satisfaction evaluation based on subjective perception. *International Journal of Biometeorology*, **2015**, 59, 1825-37	3.7	17

28	Vegetation as a Material of Roof and City to Cool down the Temperature. *Advanced Materials Research*, **2012**, 461, 552-556	0.5	17
27	Carbon dioxide emissions evaluations and mitigations in the building and traffic sectors in Taichung metropolitan area, Taiwan. *Journal of Cleaner Production*, **2019**, 230, 1241-1255	10.3	15
26	A simple approach for the development of urban climatic maps based on the urban characteristics in Tainan, Taiwan. *International Journal of Biometeorology*, **2017**, 61, 1029-1041	3.7	14
25	The potential of a modified physiologically equivalent temperature (mPET) based on local thermal comfort perception in hot and humid regions. *Theoretical and Applied Climatology*, **2019**, 135, 873-876	3	14
24	Spatial relationship between land development pattern and intra-urban thermal variations in Taipei. *Sustainable Cities and Society*, **2020**, 62, 102415	10.1	13
23	The application of a high-density street-level air temperature observation network (HiSAN): The relationship between air temperature, urban development, and geographic features. *Science of the Total Environment*, **2019**, 685, 710-722	10.2	12
22	Multiscale analysis and reduction measures of urban carbon dioxide budget based on building energy consumption. *Energy and Buildings*, **2017**, 153, 356-367	7	12
21	Sky view factor measurement by using a spherical camera. *J Agricultural Meteorology*, **2019**, 75, 59-66	1.1	10
20	Modeling of mean radiant temperature based on comparison of airborne remote sensing data with surface measured data. *Atmospheric Research*, **2016**, 174-175, 151-159	5.4	10
19	Estimation of Carbon Dioxide Emissions Generated by Building and Traffic in Taichung City. *Sustainability*, **2018**, 10, 112	3.6	9
18	Using geospatial information and building energy simulation to construct urban residential energy use map with high resolution for Taiwan cities. *Energy and Buildings*, **2017**, 157, 166-175	7	8
17	Urban Roughness Estimation Based on Digital Building Models for Urban Wind and Thermal Condition Estimation—Application of the SkyHelios Model. *Atmosphere*, **2017**, 8, 247	2.7	8
16	Evaluation and mapping of building overheating risk and air conditioning use due to the urban heat island effect. *Journal of Building Engineering*, **2020**, 32, 101726	5.2	8
15	Generating hourly local weather data with high spatially resolution and the applications in bioclimatic performance. *Science of the Total Environment*, **2019**, 653, 1262-1271	10.2	7
14	The Carbon Impact of International Tourists to an Island Country. *Sustainability*, **2018**, 10, 1386	3.6	7
13	Interpreting air temperature generated from urban climatic map by urban morphology in Taipei. *Theoretical and Applied Climatology*, **2019**, 137, 2657-2662	3	5
12	Modeling the urban thermal environment distributions in Taipei Basin using Local Climate Zone (LCZ) **2017**,		4
11	High Resolution Decision Maps for Urban Planning: A Combined Analysis of Urban Flooding and Thermal Stress Potential In Asia and Europe. *MATEC Web of Conferences*, **2017**, 103, 04012	0.3	3

List of Publications

10	Approaching environmental human thermophysiological thresholds for the case of Ankara, Turkey. *Theoretical and Applied Climatology*, **2020**, 143, 1-23	3	3
9	Outdoor thermal perception in different climatic regions. Initial results from Taichung (Taiwan) and Lisbon (Portugal) **2015**, 49,		2
8	Management of shading and public places **2016**, 49-77		2
7	A Study of the Thermal Environment and Air Quality in Hot□Humid Regions during Running Events in Southern Taiwan. *Atmosphere*, **2020**, 11, 1101	2.7	1
6	Advances in Urban Biometeorology 2014. *Advances in Meteorology*, **2015**, 2015, 1-3	1.7	1
5	Advances in Urban Biometeorology. *Advances in Meteorology*, **2013**, 2013, 1-3	1.7	1
4	Application of a High-Density Temperature Measurement System for the Management of the Kaohsiung House Project. *Sustainability*, **2021**, 13, 960	3.6	1
3	A systematic review advocating a framework and benchmarks for assessing outdoor human thermal perception.. *Science of the Total Environment*, **2022**, 155128	10.2	0
2	A Study Regarding the Thermal Environment and Thermal Comfort during the 2021 National Intercollegiate Athletic Games and Related Activities in Taiwan. *Environmental Sciences Proceedings*, **2021**, 8, 32	1	
1	Explore the Accuracy of the Pedestrian Level Temperature Estimated by the Combination of LCZ with WRF Urban Canopy Model through the Microclimate Measurement Network. *Environmental Sciences Proceedings*, **2021**, 8, 14	1	