

CITATION REPORT

List of articles citing

ThermalSense

DOI: 10.1145/2971648.2971659
, 2016, , .

Source: <https://exaly.com/paper-pdf/86139200/citation-report.pdf>

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.

#	Paper	IF	Citations
36	A Deep Learning Framework for Smart Street Cleaning. 2017 ,		8
35	Portable+. 2017 , 1, 1-22		7
34	Decision support system for room level air conditioners. 2017 ,		1
33	Personalized thermal comfort inference using RGB video images for distributed HVAC control. <i>Applied Energy</i> , 2018 , 220, 829-841	10.7	50
32	Real-time human skin temperature analysis using thermal image recognition for thermal comfort assessment. <i>Energy and Buildings</i> , 2018 , 158, 1063-1078	7	42
31	Practical implementation and evaluation of deep reinforcement learning control for a radiant heating system. 2018 ,		33
30	Experimental Evaluation of a Data Driven Cooling Optimization Framework for HVAC Control in Commercial Buildings. 2019 ,		2
29	Dynamic Offset Correction for Smartphone Thermal Cameras Using a Wristband Sensor. 2019 ,		
28	Detecting Thermal Discomfort of Drivers Using Physiological Sensors and Thermal Imaging. <i>IEEE Intelligent Systems</i> , 2019 , 34, 3-13	4.2	2
27	Performance by Design. 2019 ,		3
26	Human-in-the-loop HVAC operations: A quantitative review on occupancy, comfort, and energy-efficiency dimensions. <i>Applied Energy</i> , 2019 , 239, 1471-1508	10.7	112
25	Prediction of thermal sensation using low-cost infrared array sensors monitoring system. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 609, 032002	0.4	1
24	Application of Deep Reinforcement Learning in Residential Preconditioning for Radiation Temperature. 2019 ,		1
23	Combining a thermal camera and a wristband sensor for thermal comfort estimation. 2019 ,		
22	Personal Climatization Systems—A Review on Existing and Upcoming Concepts. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 35	2.6	14
21	Global evaluation of WBGT and SET indices for outdoor environments using thermal imaging and artificial neural networks. <i>Sustainable Cities and Society</i> , 2020 , 60, 102182	10.1	12
20	Non-invasive (non-contact) measurements of human thermal physiology signals and thermal comfort/discomfort poses -A review. <i>Energy and Buildings</i> , 2020 , 224, 110261	7	50

19	Model-based multivariable regression model for thermal comfort in naturally ventilated spaces with personalized ventilation. <i>Journal of Building Performance Simulation</i> , 2021 , 14, 78-93	2.8	4
18	Proposal of Relative Thermal Sensation: Another Dimension of Thermal Comfort and Its Investigation. <i>IEEE Access</i> , 2021 , 9, 36266-36281	3.5	4
17	TSVNet: Combining Time-Series and Opportunistic Sensing by Transfer Learning for Dynamic Thermal Sensation Estimation. <i>IEEE Access</i> , 2021 , 9, 102835-102846	3.5	0
16	Dynamic Thermal Comfort Optimization for Groups. 2021 ,		1
15	A Low-Cost and Scalable Personalized Thermal Comfort Estimation System in Indoor Environments. 2021 ,		1
14	Low-Cost, Perspective Invariant and Personalized Thermal Comfort Estimation. 2021 ,		0
13	How Low Can You Go?. 2021 , 5, 1-22		0
12	Artificial intelligence-enabled Internet of Things-based system for COVID-19 screening using aerial thermal imaging. <i>Future Generation Computer Systems</i> , 2021 , 124, 119-132	7.5	16
11	Application of vision-based occupancy counting method using deep learning and performance analysis. <i>Energy and Buildings</i> , 2021 , 252, 111389	7	3
10	Human-Building Interaction: When the Machine Becomes a Building. <i>Lecture Notes in Computer Science</i> , 2017 , 348-369	0.9	5
9	Skin Temperature Extraction Using Facial Landmark Detection and Thermal Imaging for Comfort Assessment. 2019 ,		10
8	A toolkit for low-cost thermal comfort sensing. 2019 ,		
7	Toward Intelligent Car Comfort Sensing: New Dataset and Analysis of Annotated Physiological Metrics. 2021 ,		0
6	Non-Intrusive Method for Capturing Occupant Thermal Discomfort Cues and Profiles in Buildings. 2022 ,		
5	A Novel Fully Annotated Thermal Infrared Face Dataset: Recorded in Various Environment Conditions and Distances From The Camera. <i>Infrared Physics and Technology</i> , 2022 , 104209	2.7	1
4	Non-intrusive comfort sensing: Detecting age and gender from infrared images for personal thermal comfort. <i>Building and Environment</i> , 2022 , 109256	6.5	3
3	A Low-Cost In-situ System for Continuous Multi-Person Fever Screening. 2022 ,		0
2	Intrusive and non-intrusive early warning systems for thermal discomfort by analysis of body surface temperature. 2023 , 329, 120283		0

1 Individual Thermal Comfort Prediction Based on Upper Body Thermal Imaging and Computer Vision. **2022**,

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