

Marco Arnesano

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

648
citations

567281

15
h-index

580821

25
g-index

33
all docs

33
docs citations

33
times ranked

539
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing occupants' personal attributes in relation to human perception of environmental comfort: Measurement procedure and data analysis. Building and Environment, 2020, 177, 106901.	6.9	57
2	Perception of the thermal environment in sports facilities through subjective approach. Building and Environment, 2014, 77, 12-19.	6.9	56
3	Sensing Physiological and Environmental Quantities to Measure Human Thermal Comfort Through Machine Learning Techniques. IEEE Sensors Journal, 2021, 21, 12322-12337.	4.7	46
4	Experimental study on occupants' interaction with windows and lights in Mediterranean offices during the non-heating season. Building and Environment, 2018, 127, 221-238.	6.9	45
5	Measuring human physiological indices for thermal comfort assessment through wearable devices: A review. Measurement: Journal of the International Measurement Confederation, 2021, 183, 109872.	5.0	45
6	Measuring overall thermal comfort to balance energy use in sports facilities. Measurement: Journal of the International Measurement Confederation, 2014, 55, 382-393.	5.0	43
7	A tool for the optimal sensor placement to optimize temperature monitoring in large sports spaces. Automation in Construction, 2016, 68, 223-234.	9.8	37
8	Development and validation of a low-cost infrared measurement system for real-time monitoring of indoor thermal comfort. Measurement Science and Technology, 2014, 25, 085101.	2.6	31
9	Experimental testing of a system for the energy-efficient sub-zonal heating management in indoor environments based on PMV. Energy and Buildings, 2018, 166, 229-238.	6.7	31
10	Investigation on window opening and closing behavior in schools through measurements and surveys: A case study in Budapest. Building and Environment, 2018, 143, 523-531.	6.9	28
11	Optimization of the thermochromic glazing design for curtain wall buildings based on experimental measurements and dynamic simulation. Solar Energy, 2021, 216, 14-25.	6.1	23
12	Development and experimental evaluation of a thermography measurement system for real-time monitoring of comfort and heat rate exchange in the built environment. Measurement Science and Technology, 2012, 23, 035005.	2.6	22
13	A novel methodology for human thermal comfort decoding via physiological signals measurement and analysis. Building and Environment, 2022, 222, 109385.	6.9	22
14	A soft-sensing approach for the evaluation of the acoustic comfort due to building envelope protection against external noise. Measurement: Journal of the International Measurement Confederation, 2019, 146, 675-688.	5.0	20
15	Measuring Occupants' Behaviour for Buildings' Dynamic Cosimulation. Journal of Sensors, 2018, 2018, 1-17.	1.1	16
16	COST-EFFECTIVE TECHNOLOGIES TO CONTROL INDOOR AIR QUALITY AND COMFORT IN ENERGY EFFICIENT BUILDING RETROFITTING. Environmental Engineering and Management Journal, 2015, 14, 1487-1494.	0.6	15
17	Integration of Real-Time Metabolic Rate Measurement in a Low-Cost Tool for the Thermal Comfort Monitoring in AAL Environments. Biosystems and Biorobotics, 2015, , 101-110.	0.3	14
18	MEASURING METABOLIC RATE TO IMPROVE COMFORT MANAGEMENT IN BUILDINGS. Environmental Engineering and Management Journal, 2018, 17, 2287-2296.	0.6	14

#	ARTICLE	IF	CITATIONS
19	An IoT measurement solution for continuous indoor environmental quality monitoring for buildings renovation. Acta IMEKO (2012), 2021, 10, 230.	0.7	13
20	Application of wearable EEG sensors for indoor thermal comfort measurements. Acta IMEKO (2012), 2021, 10, 214.	0.7	12
21	A semantic service-oriented platform for energy efficient buildings. Clean Technologies and Environmental Policy, 2015, 17, 721-734.	4.1	11
22	Accelerating Energy Renovation Solution for Zero Energy Buildings and Neighbourhoodsâ€”The Experience of the RenoZEB Project. Proceedings (mdpi), 2019, 20, 1.	0.2	8
23	A Low-Cost Sensor for Real-Time Monitoring of Indoor Thermal Comfort for Ambient Assisted Living. , 2014, , 3-12.		7
24	Sensors and control solutions for Smart-IoT faÃ§ade modules. , 2019, , .		6
25	Temperature Sensing Optimization for Home Thermostat Retrofit. Sensors, 2021, 21, 3685.	3.8	6
26	Impact of the measurement uncertainty on the monitoring of thermal comfort through AI predictive algorithms. Acta IMEKO (2012), 2021, 10, 221.	0.7	6
27	Plug-and-Play Solutions for Energy-Efficiency Deep Renovation of European Building Stock. Proceedings (mdpi), 2018, 2, .	0.2	4
28	A Sub-Zonal PMV-Based HVAC and FaÃ§ade Control System for Curtain Wall Buildings. Proceedings (mdpi), 2018, 2, 1138.	0.2	2
29	An IoT Solution for Energy Management at Building and District Level. , 2018, , .		2
30	Citizen-Oriented Technologies in the Cities of Tomorrow. , 2019, , 143-160.		2
31	A Sub-Zonal PMV-Based HVAC and FaÃ§ade Control System for Curtain Wall Buildings. Proceedings (mdpi), 2018, 2, 1596.	0.2	0