Marco Arnesano

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7994869/publications.pdf

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31	648	567144 15	580701 25
papers	citations	h-index	g-index

33	33	33	539
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A novel methodology for human thermal comfort decoding via physiological signals measurement and analysis. Building and Environment, 2022, 222, 109385.	3.0	22
2	Optimization of the thermochromic glazing design for curtain wall buildings based on experimental measurements and dynamic simulation. Solar Energy, 2021, 216, 14-25.	2.9	23
3	Temperature Sensing Optimization for Home Thermostat Retrofit. Sensors, 2021, 21, 3685.	2.1	6
4	Measuring human physiological indices for thermal comfort assessment through wearable devices: A review. Measurement: Journal of the International Measurement Confederation, 2021, 183, 109872.	2.5	45
5	Sensing Physiological and Environmental Quantities to Measure Human Thermal Comfort Through Machine Learning Techniques. IEEE Sensors Journal, 2021, 21, 12322-12337.	2.4	46
6	Application of wearable EEG sensors for indoor thermal comfort measurements. Acta IMEKO (2012), 2021, 10, 214.	0.4	12
7	Impact of the measurement uncertainty on the monitoring of thermal comfort through AI predictive algorithms. Acta IMEKO (2012), 2021, 10, 221.	0.4	6
8	An IoT measurement solution for continuous indoor environmental quality monitoring for buildings renovation. Acta IMEKO (2012), 2021, 10, 230.	0.4	13
9	Assessing occupantsâ€™ personal attributes in relation to human perception of environmental comfort: Measurement procedure and data analysis. Building and Environment, 2020, 177, 106901.	3.0	57
10	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.	2.5	20
11	Accelerating Energy Renovation Solution for Zero Energy Buildings and Neighbourhoodsâ€”The Experience of the RenoZEB Project. Proceedings (mdpi), 2019, 20, 1.	0.2	8
12	Sensors and control solutions for Smart-IoT faÃ§ade modules. , 2019, , .		6
13	Citizen-Oriented Technologies in the Cities of Tomorrow. , 2019, , 143-160.		2
14	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.	3.1	31
15	Experimental study on occupants' interaction with windows and lights in Mediterranean offices during the non-heating season. Building and Environment, 2018, 127, 221-238.	3.0	45
16	Plug-and-Play Solutions for Energy-Efficiency Deep Renovation of European Building Stock. Proceedings (mdpi), 2018, 2, .	0.2	4
17	A Sub-Zonal PMV-Based HVAC and FaÃ§ade Control System for Curtain Wall Buildings. Proceedings (mdpi), 2018, 2, 1138.	0.2	2
18	A Sub-Zonal PMV-Based HVAC and FaÃ§ade Control System for Curtain Wall Buildings. Proceedings (mdpi), 2018, 2, 1596.	0.2	0

#	Article	IF	Citations
19	Measuring Occupantsâ€™ Behaviour for Buildingsâ€™ Dynamic Cosimulation. Journal of Sensors, 2018, 2018, 1-17.	0.6	16
20	An IoT Solution for Energy Management at Building and District Level. , 2018, , .		2
21	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.	3.0	28
22	MEASURING METABOLIC RATE TO IMPROVE COMFORT MANAGEMENT IN BUILDINGS. Environmental Engineering and Management Journal, 2018, 17, 2287-2296.	0.2	14
23	A tool for the optimal sensor placement to optimize temperature monitoring in large sports spaces. Automation in Construction, 2016, 68, 223-234.	4.8	37
24	A semantic service-oriented platform for energy efficient buildings. Clean Technologies and Environmental Policy, 2015, 17, 721-734.	2.1	11
25	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.	0.2	14
26	COST-EFFECTIVE TECHNOLOGIES TO CONTROL INDOOR AIR QUALITY AND COMFORT IN ENERGY EFFICIENT BUILDING RETROFITTING. Environmental Engineering and Management Journal, 2015, 14, 1487-1494.	0.2	15
27	A Low-Cost Sensor for Real-Time Monitoring of Indoor Thermal Comfort for Ambient Assisted Living. , 2014, , 3-12.		7
28	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.	1.4	31
29	Perception of the thermal environment in sports facilities through subjective approach. Building and Environment, 2014, 77, 12-19.	3.0	56
30	Measuring overall thermal comfort to balance energy use in sports facilities. Measurement: Journal of the International Measurement Confederation, 2014, 55, 382-393.	2.5	43
31	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.	1.4	22