# Marco Arnesano

## List of Publications by Year in descending order

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

Version: 2024-02-01

| 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 | 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 |
| 2 | Perception of the thermal environment in sports facilities through subjective approach. Building and Environment, 2014, 77, 12-19. | 3.0 | 56 |
| 3 | Sensing Physiological and Environmental Quantities to Measure Human Thermal Comfort Through Machine Learning Techniques. IEEE Sensors Journal, 2021, 21, 12322-12337. | 2.4 | 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. | 3.0 | 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. | 2.5 | 45 |
| 6 | 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 |
| 7 | 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 |
| 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. | 1.4 | 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. | 3.1 | 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. | 3.0 | 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. | 2.9 | 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. | 1.4 | 22 |
| 13 | A novel methodology for human thermal comfort decoding via physiological signals measurement and analysis. Building and Environment, 2022, 222, 109385. | 3.0 | 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. | 2.5 | 20 |
| 15 | Measuring Occupantsâ€™ Behaviour for Buildingsâ€™ Dynamic Cosimulation. Journal of Sensors, 2018, 2018, 1-17. | 0.6 | 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. | 0.2 | 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. | 0.2 | 14 |
| 18 | MEASURING METABOLIC RATE TO IMPROVE COMFORT MANAGEMENT IN BUILDINGS. Environmental Engineering and Management Journal, 2018, 17, 2287-2296. | 0.2 | 14 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | An IoT measurement solution for continuous indoor environmental quality monitoring for buildings renovation. Acta IMEKO (2012), 2021, 10, 230. | 0.4 | 13 |
| 20 | Application of wearable EEG sensors for indoor thermal comfort measurements. Acta IMEKO (2012), 2021, 10, 214. | 0.4 | 12 |
| 21 | A semantic service-oriented platform for energy efficient buildings. Clean Technologies and Environmental Policy, 2015, 17, 721-734. | 2.1 | 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. | 2.1 | 6 |
| 26 | Impact of the measurement uncertainty on the monitoring of thermal comfort through AI predictive algorithms. Acta IMEKO (2012), 2021, 10, 221. | 0.4 | 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 |