# Francesco Salamone

List of Publications by Year
in descending order



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|---|---|---|---|
| 45 papers | 826 citations | 566801 15 h-index | 476904 29 g-index |
| 45 all docs | 45 docs citations | 45 times ranked | 800 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | An artificial skylight compared with daylighting and LED: Subjective and objective performance measures. Journal of Building Engineering, 2022, 45, 103407. | 1.6 | 3 |
| 2 | Virtual reality for assessing visual quality and lighting perception: A systematic review. Building and Environment, 2022, 209, 108674. | 3.0 | 35 |
| 3 | Low-Cost Thermohygrometers to Assess Thermal Comfort in the Built Environment: A Laboratory Evaluation of Their Measurement Performance. Buildings, 2022, 12, 579. | 1.4 | 6 |
| 4 | Editorial: Innovative Human-Centric Investigations and Technologies for Human Wellbeing and Health in the Built Environment. Frontiers in Built Environment, 2022, 8, . | 1.2 | 0 |
| 5 | Wearable Devices for Environmental Monitoring in the Built Environment: A Systematic Review. Sensors, 2021, 21, 4727. | 2.1 | 32 |
| 6 | Assessment of Indoor Environmental Quality in schools by combining survey and modelling: a case study in Albania. E3S Web of Conferences, 2021, 312, 12002. | 0.2 | 0 |
| 7 | Achieving near Zero Energy Building in Albania: An Approach for the Retrofit of a Public-School Building. E3S Web of Conferences, 2021, 312, 02005. | 0.2 | 0 |
| 8 | A survey-based approach used to analyse the indoor satisfaction and productivity level of user in smart working during lock-down due to the COVID-19 pandemic. Journal of Physics: Conference Series, 2021, 2042, 012139. | 0.3 | 2 |
| 9 | Working from Home in Italy during COVID-19 Lockdown: A Survey to Assess the Indoor Environmental Quality and Productivity. Buildings, 2021, 11, 660. | 1.4 | 17 |
| 10 | A weighting procedure to analyse the Indoor Environmental Quality of a Zero-Energy Building. Building and Environment, 2020, 183, 107155. | 3.0 | 23 |
| 11 | A multiple linear regression approach to correlate the Indoor Environmental Factors to the global comfort in a Zero-Energy building. E3S Web of Conferences, 2020, 197, 04002. | 0.2 | 2 |
| 12 | Correlation between Indoor Environmental Data and Biometric Parameters for the Impact Assessment of a Living Wall in a ZEB Lab. Sensors, 2020, 20, 2523. | 2.1 | 8 |
| 13 | Evaluation of the Visual Stimuli on Personal Thermal Comfort Perception in Real and Virtual Environments Using Machine Learning Approaches. Sensors, 2020, 20, 1627. | 2.1 | 21 |
| 14 | A Machine Learning approach for personal thermal comfort perception evaluation: experimental campaign under real and virtual scenarios. E3S Web of Conferences, 2020, 197, 04001. | 0.2 | 0 |
| 15 | I-ZEB: Design and Development of a ZEB Test-Laboratory for an Integrated Evaluation of Building Technologies. IOP Conference Series: Earth and Environmental Science, 2019, 290, 012092. | 0.2 | 0 |
| 16 | A review of performance of zero energy buildings and energy efficiency solutions. Journal of Building Engineering, 2019, 25, 100772. | 1.6 | 204 |
| 17 | Design and testing of I-ZEB, a zero energy laboratory for the integrated evaluation of the performance of building components and HVAC systems. IOP Conference Series: Materials Science and Engineering, 2019, 609, 062020. | 0.3 | 0 |
| 18 | Application of IoT and Machine Learning techniques for the assessment of thermal comfort perception.. Energy Procedia, 2018, 148, 798-805. | 1.8 | 25 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Durability of technologies in the keeping of ZEBâ€™s performances. Energy Procedia, 2018, 148, 138-145. | 1.8 | 7 |
| 20 | How to Define the Urban Comfort in the Era of Smart Cities through the Use of the Do-It-Yourself Approach and New Pervasive Technologies. Proceedings (mdpi), 2018, 2, 115. | 0.2 | 0 |
| 21 | Integrated Method for Personal Thermal Comfort Assessment and Optimization through Usersâ€™ Feedback, IoT and Machine Learning: A Case Study â€. Sensors, 2018, 18, 1602. | 2.1 | 71 |
| 22 | Analysis and definition of a ZEB building at optimum level of efficiency and costs. Modelling, Measurement and Control C: Energetics, Chemistry, Earth, Environmental and Biomedical Problems, 2018, 79, 119-126. | 0.1 | 1 |
| 23 | Application of model predictive control for the optimization of thermo-hygrometric comfort and energy consumption of buildings. Instrumentation Mesure Metrologie, 2018, 18, 375-391. | 0.2 | 3 |
| 24 | Simplified tool for the energy performance assessment of residential buildings. Modelling, Measurement and Control B: Solid and Fluid Mechanics and Thermics, Mechanical Systems, 2018, 87, 122-128. | 0.4 | 0 |
| 25 | Estimation of building energy performance for local energy policy at urban scale. Energy Procedia, 2017, 122, 98-103. | 1.8 | 15 |
| 26 | Integrated smart system for energy audit: methodology and application. Energy Procedia, 2017, 140, 231-239. | 1.8 | 11 |
| 27 | How to control the Indoor Environmental Quality through the use of the Do-It-Yourself approach and new pervasive technologies. Energy Procedia, 2017, 140, 351-360. | 1.8 | 13 |
| 28 | A Low-Cost Environmental Monitoring System: How to Prevent Systematic Errors in the Design Phase through the Combined Use of Additive Manufacturing and Thermographic Techniques. Sensors, 2017, 17, 828. | 2.1 | 37 |
| 29 | Design and Development of a Nearable Wireless System to Control Indoor Air Quality and Indoor Lighting Quality. Sensors, 2017, 17, 1021. | 2.1 | 66 |
| 30 | A Low-Cost Environmental Monitoring System: How to Prevent Systematic Errors in the Design Phase through the Combined Use of Additive Manufacturing and Thermographic Techniques. Proceedings (mdpi), 2017, 1, 18. | 0.2 | 1 |
| 31 | Design and Development of a Nearable Wireless System to Control Indoor Air Quality and Indoor Lighting Quality. Proceedings (mdpi), 2017, 1, 11. | 0.2 | 1 |
| 32 | An Integrated Framework for Usersâ€™ Well-Being. Proceedings (mdpi), 2017, 2, . | 0.2 | 2 |
| 33 | Hourly Calculation Method of Air Source Heat Pump Behavior. Buildings, 2016, 6, 16. | 1.4 | 19 |
| 34 | Assessment of the Performance of a Ventilated Window Coupled with a Heat Recovery Unit through the Co-Heating Test. Buildings, 2016, 6, 3. | 1.4 | 11 |
| 35 | An Open Source â€œSmart Lampâ€•for the Optimization of Plant Systems and Thermal Comfort of Offices. Sensors, 2016, 16, 338. | 2.1 | 30 |
| 36 | A Simplified Thermal Model to Control the Energy Fluxes and to Improve the Performance of Buildings. Energy Procedia, 2016, 101, 97-104. | 1.8 | 30 |

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|---|---|---|---|
| 37 | Integration of a do it yourself Hardware in a Lighting Device for the Management of Thermal Comfort and Energy Use. Energy Procedia, 2016, 101, 161-168. | 1.8 | 10 |
| 38 | Energy performance assessment with empirical methods: application of energy signature. Opto-electronics Review, 2015, 23, . | 2.4 | 19 |
| 39 | An Open Source Low-Cost Wireless Control System for a Forced Circulation Solar Plant. Sensors, 2015, 15, 27990-28004. | 2.1 | 19 |
| 40 | Design and Development of nEMoS, an All-in-One, Low-Cost, Web-Connected and 3D-Printed Device for Environmental Analysis. Sensors, 2015, 15, 13012-13027. | 2.1 | 53 |
| 41 | An Ontology-based Framework for Sustainable Factories. Computer-Aided Design and Applications, 2015, 12, 198-207. | 0.4 | 12 |
| 42 | A Semantic Framework for Sustainable Factories. Procedia CIRP, 2014, 17, 547-552. | 1.0 | 15 |
| 43 | Energy and environmental analysis of urban environment: methodology and application of an integrated approach. IOP Conference Series: Materials Science and Engineering, 0, 609, 072018. | 0.3 | 2 |
| 44 | An Ontology-based Framework for Sustainable Factories. , 0, , . | | 0 |
| 45 | An Integrated Tool For The Energy And Seismic Diagnosis And Refurbishment Of Buildings At Urban Scale. , 0, , . | | 0 |