

Francesca Romana d'Ambrosio Alfano

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2551279/publications.pdf>

Version: 2024-02-01

38
papers

1,582
citations

331538

21
h-index

302012

39
g-index

41
all docs

41
docs citations

41
times ranked

1429
citing authors

#	ARTICLE	IF	CITATIONS
1	U-value in situ measurement for energy diagnosis of existing buildings. Energy and Buildings, 2015, 104, 108-121.	3.1	162
2	Thermal comfort: Design and assessment for energy saving. Energy and Buildings, 2014, 81, 326-336.	3.1	129
3	PMVâ€“PPD and acceptability in naturally ventilated schools. Building and Environment, 2013, 67, 129-137.	3.0	119
4	The role of measurement accuracy on the thermal environment assessment by means of PMV index. Building and Environment, 2011, 46, 1361-1369.	3.0	113
5	Experimental analysis of air tightness in Mediterranean buildings using the fan pressurization method. Building and Environment, 2012, 53, 16-25.	3.0	104
6	Thermal Environment Assessment Reliability Using Temperature â€”Humidity Indices. Industrial Health, 2011, 49, 95-106.	0.4	103
7	On the measurement of the mean radiant temperature and its influence on the indoor thermal environment assessment. Building and Environment, 2013, 63, 79-88.	3.0	93
8	Povl Ole Fangerâ€™s impact ten years later. Energy and Buildings, 2017, 152, 243-249.	3.1	76
9	WBGT Index Revisited After 60 Years of Use. Annals of Occupational Hygiene, 2014, 58, 955-70.	1.9	75
10	On the Effect of Thermophysical Properties of Clothing on the Heat Strain Predicted by PHS Model. Annals of Occupational Hygiene, 2016, 60, 231-251.	1.9	49
11	Evaluation of the metabolic rate based on the recording of the heart rate. Industrial Health, 2017, 55, 219-232.	0.4	44
12	Fifty Years of PMV Model: Reliability, Implementation and Design of Software for Its Calculation. Atmosphere, 2020, 11, 49.	1.0	41
13	The museum environment: A protocol for evaluation of microclimatic conditions. Energy and Buildings, 2015, 95, 124-129.	3.1	40
14	Notes on the Calculation of the PMV Index by Means of Apps. Energy Procedia, 2016, 101, 249-256.	1.8	40
15	On the interaction between lighting and thermal comfort: An integrated approach to IEQ. Energy and Buildings, 2021, 231, 110570.	3.1	37
16	Energy requalification of a historical building: A case study. Energy and Buildings, 2015, 95, 184-189.	3.1	32
17	Fifty years of Fanger's equation: Is there anything to discover yet?. International Journal of Industrial Ergonomics, 2018, 66, 157-160.	1.5	30
18	Experimental Analysis of Thermal Conductivity for Building Materials Depending on Moisture Content. International Journal of Thermophysics, 2012, 33, 1674-1685.	1.0	28

#	ARTICLE	IF	CITATIONS
19	Influence of Measurement Uncertainties on the Thermal Environment Assessment. International Journal of Thermophysics, 2012, 33, 1616-1632.	1.0	28
20	Notes on the implementation of the IREQ model for the assessment of extreme cold environments. Ergonomics, 2013, 56, 707-724.	1.1	25
21	Experimental Air-Tightness Analysis in Mediterranean Buildings after Windows Retrofit. Sustainability, 2016, 8, 991.	1.6	23
22	On the Problems Related to Natural Wet Bulb Temperature Indirect Evaluation for the Assessment of Hot Thermal Environments by Means of WBGT. Annals of Occupational Hygiene, 2012, 56, 1063-79.	1.9	21
23	On the Transition Thermal Discomfort to Heat Stress as a Function of the PMV Value. Industrial Health, 2013, 51, 285-296.	0.4	20
24	The role of measurement accuracy on the heat stress assessment according to ISO 7933: 2004. WIT Transactions on Biomedicine and Health, 2007, , .	0.0	20
25	Energy Audit of Public Buildings: The Energy Consumption of a University with Modern and Historical Buildings. Some Results. Energy Procedia, 2016, 101, 169-175.	1.8	19
26	Mean Radiant Temperature Measurements through Small Black Globes under Forced Convection Conditions. Atmosphere, 2021, 12, 621.	1.0	19
27	On the measurement of the mean radiant temperature by means of globes: An experimental investigation under black enclosure conditions. Building and Environment, 2021, 193, 107655.	3.0	18
28	“Velaria” in ancient Roman theatres: Can they have an acoustic role?. Energy and Buildings, 2015, 95, 98-105.	3.1	16
29	An Experimental Investigation on the Air Permeability of Passive Ventilation Grilles. Energy Procedia, 2015, 78, 2869-2874.	1.8	9
30	Heat stress assessment in artistic glass units. Industrial Health, 2018, 56, 171-184.	0.4	8
31	A General Approach for Retrofit of Existing Buildings Towards NZEB: The Windows Retrofit Effects on Indoor Air Quality and the Use of Low Temperature District Heating. , 2018, , .		8
32	An Integrated Methodology of Subjective Investigation for a Sustainable Indoor Built Environment. The Case Study of a University Campus in Italy. Atmosphere, 2021, 12, 1272.	1.0	7
33	Thermal comfort in Supermarket's refrigerated areas: An integrated survey in central Italy. Building and Environment, 2019, 166, 106410.	3.0	6
34	Analysis of evapotranspiration processes in the Sassi of Matera (southern Italy). Energy Procedia, 2017, 133, 109-120.	1.8	4
35	Hue-Heat Hypothesis: A Step forward for a Holistic Approach to IEQ. E3S Web of Conferences, 2019, 111, 02038.	0.2	3
36	Clothing: An essential individual adjustment factor for obtaining general thermal comfort. Environment International, 1991, 17, 205-209.	4.8	2

#	ARTICLE	IF	CITATIONS
37	The heating system of the Piccole Terme in Baia: Some hypotheses. Measurement: Journal of the International Measurement Confederation, 2018, 118, 387-397.	2.5	2
38	An Ergonomic Approach of IEQ Assessment: A Case Study. Advances in Intelligent Systems and Computing, 2019, , 504-513.	0.5	2