

Boris Igor Palella

List of Publications by Year in descending order

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46
papers

1,437
citations

331259

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h-index

329751

37
g-index

47
all docs

47
docs citations

47
times ranked

1335
citing authors

#	ARTICLE	IF	CITATIONS
1	On the interaction between lighting and thermal comfort: An integrated approach to IEQ. Energy and Buildings, 2021, 231, 110570.	3.1	37
2	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
3	Mean Radiant Temperature Measurements through Small Black Globes under Forced Convection Conditions. Atmosphere, 2021, 12, 621.	1.0	19
4	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
5	Fifty Years of PMV Model: Reliability, Implementation and Design of Software for Its Calculation. Atmosphere, 2020, 11, 49.	1.0	41
6	Thermal comfort in Supermarket's refrigerated areas: An integrated survey in central Italy. Building and Environment, 2019, 166, 106410.	3.0	6
7	Hue-Heat Hypothesis: A Step forward for a Holistic Approach to IEQ. E3S Web of Conferences, 2019, 111, 02038.	0.2	3
8	An IoT Integrated Tool to Enhance User Awareness on Energy Consumption in Residential Buildings. Atmosphere, 2019, 10, 743.	1.0	21
9	Thermal comfort and visual interaction: a subjective survey. IOP Conference Series: Materials Science and Engineering, 2019, 609, 042061.	0.3	3
10	An Ergonomic Approach of IEQ Assessment: A Case Study. Advances in Intelligent Systems and Computing, 2019, , 504-513.	0.5	2
11	Confronto sperimentale tra tecniche di misura della ventilazione naturale degli edifici. Aicarr Journal, 2019, 59, 45.	0.4	0
12	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
13	Heat stress assessment in artistic glass units. Industrial Health, 2018, 56, 171-184.	0.4	8
14	Fifty years of Fanger's equation: Is there anything to discover yet?. International Journal of Industrial Ergonomics, 2018, 66, 157-160.	1.5	30
15	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
16	Analysis of evapotranspiration processes in the Sassi of Matera (southern Italy). Energy Procedia, 2017, 133, 109-120.	1.8	4
17	Povl Ole Fanger's impact ten years later. Energy and Buildings, 2017, 152, 243-249.	3.1	76
18	Evaluation of the metabolic rate based on the recording of the heart rate. Industrial Health, 2017, 55, 219-232.	0.4	44

#	ARTICLE	IF	CITATIONS
19	On the Evolution of Thermoregulation Models. Ergonomics International Journal, 2017, 1, .	0.0	4
20	Experimental Air-Tightness Analysis in Mediterranean Buildings after Windows Retrofit. Sustainability, 2016, 8, 991.	1.6	23
21	Notes on the Calculation of the PMV Index by Means of Apps. Energy Procedia, 2016, 101, 249-256.	1.8	40
22	On the management and prevention of heat stress for crews onboard ships. Ocean Engineering, 2016, 112, 277-286.	1.9	17
23	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
24	An Experimental Investigation on the Air Permeability of Passive Ventilation Grilles. Energy Procedia, 2015, 78, 2869-2874.	1.8	9
25	The museum environment: A protocol for evaluation of microclimatic conditions. Energy and Buildings, 2015, 95, 124-129.	3.1	40
26	Heat accounting in historical buildings. Energy and Buildings, 2015, 95, 47-56.	3.1	32
27	WBGT Index Revisited After 60 Years of Use. Annals of Occupational Hygiene, 2014, 58, 955-70.	1.9	75
28	Thermal comfort: Design and assessment for energy saving. Energy and Buildings, 2014, 81, 326-336.	3.1	129
29	PMVâ€“PPD and acceptability in naturally ventilated schools. Building and Environment, 2013, 67, 129-137.	3.0	119
30	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
31	Notes on the implementation of the IREQ model for the assessment of extreme cold environments. Ergonomics, 2013, 56, 707-724.	1.1	25
32	On the Transition Thermal Discomfort to Heat Stress as a Function of the PMV Value. Industrial Health, 2013, 51, 285-296.	0.4	20
33	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
34	Influence of Measurement Uncertainties on the Thermal Environment Assessment. International Journal of Thermophysics, 2012, 33, 1616-1632.	1.0	28
35	Thermal Environment Assessment Reliability Using Temperature â€”Humidity Indices. Industrial Health, 2011, 49, 95-106.	0.4	103
36	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

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37	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
38	Enhancement of hydrothermal stability of Cu-ZSM5 catalyst for NO decomposition. Kinetics and Catalysis, 2006, 47, 728-736.	0.3	15
39	On the activity and hydrothermal stability of CuMCM-22 in the decomposition of nitrogen oxides: a comparison with CuZSM-5. Catalysis Communications, 2004, 5, 191-194.	1.6	14
40	Title is missing!. Topics in Catalysis, 2003, 22, 53-57.	1.3	31
41	On the hydrothermal stability of CuAPSO-34 microporous catalysts for N2O decomposition: a comparison with CuZSM-5. Journal of Catalysis, 2003, 217, 100-106.	3.1	43
42	Catalytic DeNO activity of cobalt and copper ions in microporous MeALPO-34 and MeAPSO-34. Catalysis Today, 2002, 75, 359-365.	2.2	30
43	A kinetic study of NO decomposition on Cu-ZSM5. Studies in Surface Science and Catalysis, 2001, 140, 377-390.	1.5	3
44	30-P-31-NOx reactivity on microporous MeAPOs. spectroscopic and catalytic studies. Studies in Surface Science and Catalysis, 2001, , 328.	1.5	3
45	Synthesis, Spectroscopic and Catalytic Properties of Cobalt and Copper Ions in Aluminophosphates with Chabasite-Like Structure. Studies of the NO Reactivity. Studies in Surface Science and Catalysis, 2001, , 269-277.	1.5	5
46	Simultaneous NO and N2O decomposition on Cu-ZSM5. Studies in Surface Science and Catalysis, 2000, 130, 911-916.	1.5	4