

# Conceico Eze

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

58  
papers

926  
citations

17  
h-index

30  
g-index

67  
ext. papers

1,046  
ext. citations

2.3  
avg, IF

4.44  
L-index

#	Paper	IF	Citations
58	Neural networks based predictive control for thermal comfort and energy savings in public buildings. <i>Energy and Buildings</i> , <b>2012</b> , 55, 238-251	7	278
57	Prediction of building's temperature using neural networks models. <i>Energy and Buildings</i> , <b>2006</b> , 38, 682-694	6.94	134
56	Application of a developed adaptive model in the evaluation of thermal comfort in ventilated kindergarten occupied spaces. <i>Building and Environment</i> , <b>2012</b> , 50, 190-201	6.5	35
55	Application of HVAC Systems with Control Based on PMV Index in University Buildings with Complex Topology. <i>IFAC-PapersOnLine</i> , <b>2018</b> , 51, 20-25	0.7	31
54	Comfort and airflow evaluation in spaces equipped with mixing ventilation and cold radiant floor. <i>Building Simulation</i> , <b>2013</b> , 6, 51-67	3.9	30
53	Evaluation of thermal comfort conditions in a classroom equipped with radiant cooling systems and subjected to uniform convective environment. <i>Applied Mathematical Modelling</i> , <b>2011</b> , 35, 1292-1305	4.5	29
52	Thermal behaviour simulation of the passenger compartment of vehicles. <i>International Journal of Vehicle Design</i> , <b>2000</b> , 24, 372	2.4	28
51	Evaluation of comfort level in desks equipped with two personalized ventilation systems in slightly warm environments. <i>Building and Environment</i> , <b>2010</b> , 45, 601-609	6.5	27
50	Numerical Simulation of the Application of Solar Radiant Systems, Internal Airflow and Occupants' Presence in the Improvement of Comfort in Winter Conditions. <i>Buildings</i> , <b>2016</b> , 6, 38	3.2	27
49	Numerical simulation of passive and active solar strategies in buildings with complex topology. <i>Building Simulation</i> , <b>2010</b> , 3, 245-261	3.9	26
48	Study of Airflow around Occupants Seated in Desks Equipped with Upper and Lower Air Terminal Devices for Slightly Warm Environments. <i>HVAC and R Research</i> , <b>2010</b> , 16, 401-412		23
47	Thermal study of school buildings in winter conditions. <i>Building and Environment</i> , <b>2008</b> , 43, 782-792	6.5	23
46	Development of a temperature control model used in HVAC systems in school spaces in Mediterranean climate. <i>Building and Environment</i> , <b>2009</b> , 44, 871-877	6.5	21
45	Evaluation of Local Thermal Discomfort in a Classroom Equipped with Cross Flow Ventilation. <i>International Journal of Ventilation</i> , <b>2008</b> , 7, 267-277	1.1	20
44	Neural network PMV estimation for model-based predictive control of HVAC systems <b>2012</b> ,		18
43	Predicting the Air Quality, Thermal Comfort and Draught Risk for a Virtual Classroom with Desk-Type Personalized Ventilation Systems. <i>Buildings</i> , <b>2018</b> , 8, 35	3.2	16
42	Evaluation of thermal comfort conditions in a localized radiant system placed in front and behind two students seated nearby warmed curtains. <i>Building and Environment</i> , <b>2010</b> , 45, 2100-2110	6.5	16

41	Airflow Inside School Building Office Compartments with Moderate Environments. <i>HVAC and R Research</i> , <b>2008</b> , 14, 195-207		16
40	Application of a School Building Thermal Response Numerical Model in the Evolution of the Adaptive Thermal Comfort Level in the Mediterranean Environment. <i>International Journal of Ventilation</i> , <b>2010</b> , 9, 287-304	1.1	15
39	Influence of the Airflow in a Solar Passive Building on the Indoor Air Quality and Thermal Comfort Levels. <i>Atmosphere</i> , <b>2019</b> , 10, 766	2.7	11
38	Evaluation of Integral Effect of Thermal Comfort, Air Quality and Draught Risk for Desks Equipped with Personalized Ventilation Systems. <i>Energies</i> , <b>2021</b> , 14, 3235	3.1	9
37	Evaluation of Indoor Air Quality in Classrooms Equipped with Cross-Flow Ventilation. <i>International Journal of Ventilation</i> , <b>2012</b> , 11, 53-68	1.1	8
36	Evaluation of Thermal Comfort in Slightly Warm Ventilated Spaces in Nonuniform Environments. <i>HVAC and R Research</i> , <b>2006</b> , 12, 451-475		7
35	HVAC Systems Applied in University Buildings with Control Based on PMV and aPMV Indexes. <i>Inventions</i> , <b>2019</b> , 4, 3	2.9	5
34	Numerical study of different ceiling-mounted air distribution systems for a virtual classroom environment. <i>Indoor and Built Environment</i> , <b>2017</b> , 26, 1382-1396	1.8	4
33	Numerical and experimental study of personalized ventilation installed in a double occupation desk placed nearby a window subjected to solar radiation. <i>International Journal of Ventilation</i> , <b>2018</b> , 17, 166-186	1.1	3
32	A Computational Model to Simulate the Thermal Behaviour of the Passengers Compartment of Vehicles <b>1999</b> ,		3
31	Heating, Ventilating and Air Conditioning Systems Control Based in the Predicted Mean Vote Index. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2010</b> , 43, 92-97		1
30	Construction of an Experimental Chamber Equipped with Ventilated Windows. <i>Advances in Science, Technology and Innovation</i> , <b>2021</b> , 405-410	0.3	1
29	Development of a Double Skin Facade System Applied in a Virtual Occupied Chamber. <i>Inventions</i> , <b>2021</b> , 6, 17	2.9	1
28	Energy Production of Solar DSF for Ceiling-Mounted Localized Air Distribution Systems in a Virtual Classroom. <i>Buildings</i> , <b>2022</b> , 12, 495	3.2	1
27	Human Thermo-Physiological Sensation Control Based in the Adaptive Comfort Philosophy. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2010</b> , 43, 53-57		
26	Design and Construction of a Ventilation System Located in an Experimental Chamber. <i>Advances in Science, Technology and Innovation</i> , <b>2021</b> , 393-404	0.3	
25	Comparatives study of radiative heat exchanges between fire front from fireman and pine tree in warm thermal conditions. <i>ICRBE Procedia</i> , 39-49		
24	Evaluation of comfort levels in office space equipped with HVAC system based in personalized ventilation system using energy produced in DSF systems. <i>ICRBE Procedia</i> , 65-74		

23	Influence of solar radiation on the energy consumption of large buildings on a university campus. <i>ICRBE Procedia</i> ,94-106	
22	Coupling of differential CFD and integral human thermophysiology numerical models applied in indoor ventilated spaces. <i>E3S Web of Conferences</i> , <b>2021</b> , 321, 03002	0.5
21	Application of passengers thermoregulation integral model used in the evaluation of thermal comfort in vehicles compartment equipped with internal curtains. <i>E3S Web of Conferences</i> , <b>2021</b> , 321, 03008	0.5
20	Coupling of Integral and Differential Numerical Models Applied in the Evaluation of Integral Thermal Comfort, Air Quality and Draught Risk. <i>Advances in Intelligent Systems and Computing</i> , <b>2020</b> , 543-548	0.4
19	Underground spaces natural energy applied in the building thermal conditions performance in summer conditions. <i>Sukatha Procedia</i> ,72-82	
18	Application of solar radiation to the ventilation of an experimental chamber through a set of dual skin facades. <i>WEENTECH Proceedings in Energy</i> , <b>2020</b> , 25-35	0
17	Numerical simulation of the tree higo-thermal response in forest fire environment. <i>WEENTECH Proceedings in Energy</i> , <b>2020</b> , 57-65	0
16	Numerical simulation of the influence of external urban environmental conditions in the building windows performance. <i>WEENTECH Proceedings in Energy</i> ,112-123	0
15	Comparative Study of a Clean Technology Based on DSF Use in Occupied Buildings for Improving Comfort in Winter. <i>Clean Technologies</i> , <b>2021</b> , 3, 311-334	3.4
14	Energy, Thermal Comfort and Air Quality in a Ventilation System Based on Confluent Jets <b>2021</b> , 466-475	
13	Development of a Pine Tree Thermal Model Used in Forest Fire Environments <b>2021</b> , 495-504	
12	Energy Production in Solar Collectors in a University Building Used to Improve the Internal Thermal Conditions in Winter Conditions. <i>E3S Web of Conferences</i> , <b>2021</b> , 246, 03005	0.5
11	Production of thermal energy in University building greenhouses in cold climate conditions. <i>E3S Web of Conferences</i> , <b>2021</b> , 246, 03004	0.5
10	Application of Horizontal Confluents Jets in a School Virtual Chamber. <i>E3S Web of Conferences</i> , <b>2021</b> , 246, 02005	0.5
9	Solar Thermal Energy Production in DSF Applied in the Human Comfort Improvements. <i>Environmental Science and Engineering</i> , <b>2021</b> , 1-15	0.2
8	Shading devices applied to sun control in occupied spaces in summer conditions. <i>Sukatha Procedia</i> ,127-139	
7	Design of a HVAC System Based on Confluents Jets Applied in Office Spaces. <i>Lecture Notes in Networks and Systems</i> , <b>2022</b> , 844-850	0.5
6	Design and Study of Energy and Comfort in an Office Space Using a Coupling of Human and CFD Numerical Software. <i>Lecture Notes in Networks and Systems</i> , <b>2022</b> , 853-859	0.5

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| 5 | Design for Forest Fire Environments: Numerical Tree and Fireman Thermal Response for Nearby Forest Fire Environments. <i>Lecture Notes in Networks and Systems</i> , <b>2022</b> , 1147-1154 | 0.5 |
| 4 | Application of the Human Thermo-Physiology in the Assessment of Comfort Conditions in Hybrid Buildings. <i>Lecture Notes in Networks and Systems</i> , <b>2022</b> , 1097-1104               | 0.5 |
| 3 | Design of a Water Control System Installed in the Tree Trunk in Forest Fire Environment. <i>Lecture Notes in Networks and Systems</i> , <b>2022</b> , 1302-1309                              | 0.5 |
| 2 | Numerical Evaluation of the Temperature Distribution in a Tree Trunk in a Forest Fire Environment. <i>Environmental Science and Engineering</i> , <b>2021</b> , 85-94                        | 0.2 |
| 1 | Application of Renewable Energies in a University Building with Complex Topology. <i>Innovative Renewable Energy</i> , <b>2022</b> , 277-285   | 0.3 |