

# Conceição Eze

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

1,188  
citations

393982

19  
h-index

414034

32  
g-index

67  
all docs

67  
docs citations

67  
times ranked

1011  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neural networks based predictive control for thermal comfort and energy savings in public buildings. <i>Energy and Buildings</i> , 2012, 55, 238-251.	3.1	353
2	Prediction of building's temperature using neural networks models. <i>Energy and Buildings</i> , 2006, 38, 682-694.	3.1	168
3	Application of a developed adaptive model in the evaluation of thermal comfort in ventilated kindergarten occupied spaces. <i>Building and Environment</i> , 2012, 50, 190-201.	3.0	41
4	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> , 2010, 9, 287-304.	0.2	36
5	Application of HVAC Systems with Control Based on PMV Index in University Buildings with Complex Topology. <i>IFAC-PapersOnLine</i> , 2018, 51, 20-25.	0.5	36
6	Thermal behaviour simulation of the passenger compartment of vehicles. <i>International Journal of Vehicle Design</i> , 2000, 24, 372.	0.1	35
7	Evaluation of thermal comfort conditions in a classroom equipped with radiant cooling systems and subjected to uniform convective environment. <i>Applied Mathematical Modelling</i> , 2011, 35, 1292-1305.	2.2	34
8	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> , 2016, 6, 38.	1.4	33
9	Evaluation of comfort level in desks equipped with two personalized ventilation systems in slightly warm environments. <i>Building and Environment</i> , 2010, 45, 601-609.	3.0	31
10	Comfort and airflow evaluation in spaces equipped with mixing ventilation and cold radiant floor. <i>Building Simulation</i> , 2013, 6, 51-67.	3.0	31
11	Predicting the Air Quality, Thermal Comfort and Draught Risk for a Virtual Classroom with Desk-Type Personalized Ventilation Systems. <i>Buildings</i> , 2018, 8, 35.	1.4	30
12	Development of a temperature control model used in HVAC systems in school spaces in Mediterranean climate. <i>Building and Environment</i> , 2009, 44, 871-877.	3.0	28
13	Numerical simulation of passive and active solar strategies in buildings with complex topology. <i>Building Simulation</i> , 2010, 3, 245-261.	3.0	28
14	Thermal study of school buildings in winter conditions. <i>Building and Environment</i> , 2008, 43, 782-792.	3.0	27
15	Evaluation of Local Thermal Discomfort in a Classroom Equipped with Cross Flow Ventilation. <i>International Journal of Ventilation</i> , 2008, 7, 267-277.	0.2	26
16	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> , 2010, 16, 401-412.	0.9	25
17	Neural network PMV estimation for model-based predictive control of HVAC systems. , 2012, , .		25
18	Influence of the Airflow in a Solar Passive Building on the Indoor Air Quality and Thermal Comfort Levels. <i>Atmosphere</i> , 2019, 10, 766.	1.0	20

#	ARTICLE	IF	CITATIONS
19	Evaluation of Integral Effect of Thermal Comfort, Air Quality and Draught Risk for Desks Equipped with Personalized Ventilation Systems. <i>Energies</i> , 2021, 14, 3235.	1.6	20
20	Airflow Inside School Building Office Compartments with Moderate Environments. <i>HVAC and R Research</i> , 2008, 14, 195-207.	0.9	18
21	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> , 2010, 45, 2100-2110.	3.0	18
22	Evaluation of Indoor Air Quality in Classrooms Equipped with Cross-Flow Ventilation. <i>International Journal of Ventilation</i> , 2012, 11, 53-68.	0.2	15
23	Evaluation of Thermal Comfort in Slightly Warm Ventilated Spaces in Nonuniform Environments. <i>HVAC and R Research</i> , 2006, 12, 451-475.	0.9	11
24	HVAC Systems Applied in University Buildings with Control Based on PMV and aPMV Indexes. <i>Inventions</i> , 2019, 4, 3.	1.3	6
25	A Computational Model to Simulate the Thermal Behaviour of the Passengers Compartment of Vehicles. , 1999, , .		4
26	Numerical study of different ceiling-mounted air distribution systems for a virtual classroom environment. <i>Indoor and Built Environment</i> , 2017, 26, 1382-1396.	1.5	4
27	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> , 2018, 17, 166-186.	0.2	4
28	Energy Production of Solar DSF for Ceiling-Mounted Localized Air Distribution Systems in a Virtual Classroom. <i>Buildings</i> , 2022, 12, 495.	1.4	3
29	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> , 2010, 43, 92-97.	0.4	1
30	Development of a Double Skin Facade System Applied in a Virtual Occupied Chamber. <i>Inventions</i> , 2021, 6, 17.	1.3	1
31	Application of the mean radiant temperature method in the evaluation of radiative heat exchanges between a fire front and a group of firemen. , 0, , 95-101.		1
32	Construction of an Experimental Chamber Equipped with Ventilated Windows. <i>Advances in Science, Technology and Innovation</i> , 2021, , 405-410.	0.2	1
33	Human Thermo-Physiological Sensation Control Based in the Adaptive Comfort Philosophy. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2010, 43, 53-57.	0.4	0
34	Energy, Thermal Comfort and Air Quality in a Ventilation System Based on Confluent Jets. , 2021, , 466-475.		0
35	Development of a Pine Tree Thermal Model Used in Forest Fire Environments. , 2021, , 495-504.		0
36	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> , 2021, 246, 03005.	0.2	0

#	ARTICLE	IF	CITATIONS
37	Production of thermal energy in University building greenhouses in cold climate conditions. E3S Web of Conferences, 2021, 246, 03004.	0.2	0
38	Application of Horizontal Confluents Jets in a School Virtual Chamber. E3S Web of Conferences, 2021, 246, 02005.	0.2	0
39	Solar Thermal Energy Production in DSF Applied in the Human Comfort Improvements. Environmental Science and Engineering, 2021, , 1-15.	0.1	0
40	Comparative Study of a Clean Technology Based on DSF Use in Occupied Buildings for Improving Comfort in Winter. Clean Technologies, 2021, 3, 311-334.	1.9	0
41	Shading devices applied to sun control in occupied spaces in summer conditions. Sukatha Procedia, 0, , 127-139.	0.0	0
42	Design and Study of Energy and Comfort in an Office Space Using a Coupling of Human and CFD Numerical Software. Lecture Notes in Networks and Systems, 2022, , 853-859.	0.5	0
43	Design for Forest Fire Environments: Numerical Tree and Fireman Thermal Response for Nearby Forest Fire Environments. Lecture Notes in Networks and Systems, 2022, , 1147-1154.	0.5	0
44	Design of a Water Control System Installed in the Tree Trunk in Forest Fire Environment. Lecture Notes in Networks and Systems, 2022, , 1302-1309.	0.5	0
45	Numerical Evaluation of the Temperature Distribution in a Tree Trunk in a Forest Fire Environment. Environmental Science and Engineering, 2021, , 85-94.	0.1	0
46	Numerical Simulation of Solar Passive and Active Strategies Applied in University Canteen with Complex Topology. WEENTECH Proceedings in Energy, 0, , 236-246.	0.0	0
47	Energy and Comfort Evaluation in Multi-Personalized Ventilation System Installed in a Desk. WEENTECH Proceedings in Energy, 0, , 259-271.	0.0	0
48	Coupling of Integral and Differential Numerical Models Applied in the Evaluation of Integral Thermal Comfort, Air Quality and Draught Risk. Advances in Intelligent Systems and Computing, 2020, , 543-548.	0.5	0
49	Underground spaces natural energy applied in the building thermal conditions performance in summer conditions. Sukatha Procedia, 0, , 72-82.	0.0	0
50	Application of solar radiation to the ventilation of an experimental chamber through a set of dual skin facades. WEENTECH Proceedings in Energy, 2020, , 25-35.	0.0	0
51	Numerical simulation of the tree higr-thermal response in forest fire environment. WEENTECH Proceedings in Energy, 2020, , 57-65.	0.0	0
52	Numerical simulation of the influence of external urban environmental conditions in the building windows performance. WEENTECH Proceedings in Energy, 0, , 112-123.	0.0	0
53	Design and Construction of a Ventilation System Located in an Experimental Chamber. Advances in Science, Technology and Innovation, 2021, , 393-404.	0.2	0
54	Comparatives study of radiative heat exchanges between fire front from fireman and pine tree in warm thermal conditions. ICRBE Procedia, 0, , 39-49.	0.0	0

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55	Evaluation of comfort levels in office space equipped with HVAC system based in personalized ventilation system using energy produced in DSF systems. ICRBE Procedia, 0, , 65-74.	0.0	0
56	Influence of solar radiation on the energy consumption of large buildings on a university campus. ICRBE Procedia, 0, , 94-106.	0.0	0
57	Coupling of differential CFD and integral human thermophysiology numerical models applied in indoor ventilated spaces. E3S Web of Conferences, 2021, 321, 03002.	0.2	0
58	Application of passengersâ€™ thermoregulation integral model used in the evaluation of thermal comfort in vehicles compartment equipped with internal curtains. E3S Web of Conferences, 2021, 321, 03008.	0.2	0
59	Aerodynamic study of the airflow around a scale triangular prismatic hill for Low Reynolds Number. , 0, , 1326-1333.		0
60	Radiative and convective heat exchanges between a fireman and the fire front and wind. , 0, , 617-624.		0