

# 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	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
2	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
3	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
4	Energy Production of Solar DSF for Ceiling-Mounted Localized Air Distribution Systems in a Virtual Classroom. Buildings, 2022, 12, 495.	1.4	3
5	Energy, Thermal Comfort and Air Quality in a Ventilation System Based on Confluent Jets. , 2021, , 466-475.		0
6	Development of a Pine Tree Thermal Model Used in Forest Fire Environments. , 2021, , 495-504.		0
7	Energy Production in Solar Collectors in a University Building Used to Improve the Internal Thermal Conditions in Winter Conditions. E3S Web of Conferences, 2021, 246, 03005.	0.2	0
8	Production of thermal energy in University building greenhouses in cold climate conditions. E3S Web of Conferences, 2021, 246, 03004.	0.2	0
9	Application of Horizontal Confluent Jets in a School Virtual Chamber. E3S Web of Conferences, 2021, 246, 02005.	0.2	0
10	Solar Thermal Energy Production in DSF Applied in the Human Comfort Improvements. Environmental Science and Engineering, 2021, , 1-15.	0.1	0
11	Development of a Double Skin Facade System Applied in a Virtual Occupied Chamber. Inventions, 2021, 6, 17.	1.3	1
12	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
13	Evaluation of Integral Effect of Thermal Comfort, Air Quality and Draught Risk for Desks Equipped with Personalized Ventilation Systems. Energies, 2021, 14, 3235.	1.6	20
14	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
15	Design and Construction of a Ventilation System Located in an Experimental Chamber. Advances in Science, Technology and Innovation, 2021, , 393-404.	0.2	0
16	Construction of an Experimental Chamber Equipped with Ventilated Windows. Advances in Science, Technology and Innovation, 2021, , 405-410.	0.2	1
17	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
18	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

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19	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> , 2020, , 543-548.	0.5	0
20	Application of solar radiation to the ventilation of an experimental chamber through a set of dual skin facades. <i>WEENTECH Proceedings in Energy</i> , 2020, , 25-35.	0.0	0
21	Numerical simulation of the tree higr-thermal response in forest fire environment. <i>WEENTECH Proceedings in Energy</i> , 2020, , 57-65.	0.0	0
22	HVAC Systems Applied in University Buildings with Control Based on PMV and aPMV Indexes. <i>Inventions</i> , 2019, 4, 3.	1.3	6
23	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
24	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
25	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
26	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
27	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
28	Numerical Simulation of the Application of Solar Radiant Systems, Internal Airflow and Occupants's™ Presence in the Improvement of Comfort in Winter Conditions. <i>Buildings</i> , 2016, 6, 38.	1.4	33
29	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
30	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
31	Neural network PMV estimation for model-based predictive control of HVAC systems. , 2012, , .		25
32	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
33	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
34	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
35	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
36	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

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37	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
38	Numerical simulation of passive and active solar strategies in buildings with complex topology. <i>Building Simulation</i> , 2010, 3, 245-261.	3.0	28
39	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
40	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
41	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
42	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
43	Thermal study of school buildings in winter conditions. <i>Building and Environment</i> , 2008, 43, 782-792.	3.0	27
44	Airflow Inside School Building Office Compartments with Moderate Environments. <i>HVAC and R Research</i> , 2008, 14, 195-207.	0.9	18
45	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
46	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
47	Prediction of building's temperature using neural networks models. <i>Energy and Buildings</i> , 2006, 38, 682-694.	3.1	168
48	Thermal behaviour simulation of the passenger compartment of vehicles. <i>International Journal of Vehicle Design</i> , 2000, 24, 372.	0.1	35
49	A Computational Model to Simulate the Thermal Behaviour of the Passengers Compartment of Vehicles. , 1999, , .		4
50	Shading devices applied to sun control in occupied spaces in summer conditions. <i>Sukatha Procedia</i> , 0, , 127-139.	0.0	0
51	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
52	Numerical Simulation of Solar Passive and Active Strategies Applied in University Canteen with Complex Topology. <i>WEENTECH Proceedings in Energy</i> , 0, , 236-246.	0.0	0
53	Energy and Comfort Evaluation in Multi-Personalized Ventilation System Installed in a Desk. <i>WEENTECH Proceedings in Energy</i> , 0, , 259-271.	0.0	0
54	Underground spaces natural energy applied in the building thermal conditions performance in summer conditions. <i>Sukatha Procedia</i> , 0, , 72-82.	0.0	0

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55	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
56	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
57	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
58	Influence of solar radiation on the energy consumption of large buildings on a university campus. ICRBE Procedia, 0, , 94-106.	0.0	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