

# Y Chávez

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

388  
citations

759233

12  
h-index

839539

18  
g-index

21  
all docs

21  
docs citations

21  
times ranked

319  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal energy storage and losses in a room-Trombe wall system located in Mexico. <i>Energy</i> , 2016, 109, 512-524.	8.8	52
2	Laminar and turbulent natural convection combined with surface thermal radiation in a square cavity with a glass wall. <i>International Journal of Thermal Sciences</i> , 2008, 47, 1630-1638.	4.9	49
3	Numerical study of the optimum width of 2a diurnal double air-channel solar chimney. <i>Energy</i> , 2018, 147, 403-417.	8.8	37
4	Optimum ventilation based on the overall ventilation effectiveness for temperature distribution in ventilated cavities. <i>International Journal of Thermal Sciences</i> , 2009, 48, 1574-1585.	4.9	35
5	Effect of a contaminant source (CO <sub>2</sub> ) on the air quality in a ventilated room. <i>Energy</i> , 2011, 36, 3302-3318.	8.8	34
6	Pseudo transient numerical study of an earth-to-air heat exchanger for different climates of México. <i>Energy and Buildings</i> , 2015, 99, 273-283.	6.7	31
7	Thermal analysis for a double glazing unit with and without a solar control film (SnS <sub>2</sub> /Cu <sub>x</sub> S) for using in hot climates. <i>Energy and Buildings</i> , 2011, 43, 704-712.	6.7	29
8	Computational fluid dynamics for thermal evaluation of a room with a double glazing window with a solar control film. <i>Renewable Energy</i> , 2016, 94, 237-250.	8.9	19
9	Thermal Performance of a Concrete Cool Roof under Different Climatic Conditions of Mexico. <i>Energy Procedia</i> , 2014, 57, 1753-1762.	1.8	17
10	Annual thermal evaluation of a double pane window using glazing available in the Mexican market. <i>Applied Thermal Engineering</i> , 2018, 143, 100-111.	6.0	17
11	Thermal performance of a solar shade system for building ventilation in the southeast of Mexico. <i>Renewable Energy</i> , 2020, 145, 294-307.	8.9	16
12	Analysis on the heat transfer in a square cavity with a semitransparent wall: Effect of the roof materials. <i>International Journal of Thermal Sciences</i> , 2010, 49, 1920-1932.	4.9	15
13	Thermal potential of a geothermal earth-to-air heat exchanger in six climatic conditions of México. <i>Mechanics and Industry</i> , 2020, 21, 308.	1.3	11
14	Thermal performance of walls with passive cooling techniques using traditional materials available in the Mexican market. <i>Applied Thermal Engineering</i> , 2019, 149, 1154-1169.	6.0	8
15	Mathematical modelling of conjugate laminar and turbulent heat transfer in a cavity: Effect of a vertical glazed wall. <i>International Journal of Thermal Sciences</i> , 2020, 152, 106310.	4.9	8
16	Annual thermal evaluation of a ventilated roof under warm weather conditions of Mexico. <i>Energy</i> , 2022, 246, 123412.	8.8	5
17	Computational Fluid Dynamics for Thermal Evaluation of Earth-to-Air Heat Exchanger for Different Climates of Mexico. , 2018, , 33-51.		3
18	Heating potential prediction of a trombe wall system under temperate climate conditions of Mexico: Case of Cwa-Cwb Köppen classification. <i>Journal of Building Engineering</i> , 2021, 44, 103308.	3.4	1

#	ARTICLE	IF	CITATIONS
19	Average Air Temperature Inside a Room With a Semitransparent Wall With a Solar Control Film: Effect of The Emissivity. Journal of Applied Research and Technology, 2012, 10, .	0.9	1
20	Discussion of "Numerical study of natural convection dominated heat transfer in a ventilated cavity: Case of forced flow playing simultaneous assisting and opposing roles" by A. Raji, M. Hasnaoui, A. Bahlaoui [Int. J. Heat Fluid Flow 29 (2008) 1174-1181]. International Journal of Heat and Fluid Flow, 2010, 31, 734-735.	2.4	0
21	Numerical simulation of an instrument to determine the thermal conductivity of conductive solids. Mechanics and Industry, 2017, 18, 105.	1.3	0