

Gonzalo SÃ¡nchez-Barroso

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

186
citations

1478280

6
h-index

1125617

13
g-index

25
all docs

25
docs citations

25
times ranked

134
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrical and thermal energy in private hospitals: Consumption indicators focused on healthcare activity. <i>Sustainable Cities and Society</i> , 2019, 47, 101482.	5.1	35
2	Evaluation of HVAC Design Parameters in High-Performance Hospital Operating Theatres. <i>Sustainability</i> , 2019, 11, 1493.	1.6	26
3	Application of Circular Economy Techniques for Design and Development of Products through Collaborative Project-Based Learning for Industrial Engineer Teaching. <i>Sustainability</i> , 2020, 12, 4368.	1.6	26
4	Application of Predictive Maintenance in Hospital Heating, Ventilation and Air Conditioning Facilities. <i>Emerging Science Journal</i> , 2019, 3, 337-343.	1.4	22
5	Scheduling of Preventive Maintenance in Healthcare Buildings Using Markov Chain. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5263.	1.3	13
6	Potential Savings in DHW Facilities through the Use of Solar Thermal Energy in the Hospitals of Extremadura (Spain). <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2658.	1.2	13
7	Cox proportional hazards model used for predictive analysis of the energy consumption of healthcare buildings. <i>Energy and Buildings</i> , 2022, 257, 111784.	3.1	7
8	Preventive maintenance optimisation of accessible flat roofs in healthcare centres using the Markov chain. <i>Journal of Building Engineering</i> , 2020, 32, 101775.	1.6	6
9	Analysis of Learning Motivation in Industrial Engineering Teaching in University of Extremadura (Spain). <i>Sustainability</i> , 2020, 12, 4987.	1.6	6
10	Markov chains estimation of the optimal periodicity for cleaning photovoltaic panels installed in the dehesa. <i>Renewable Energy</i> , 2021, 179, 537-549.	4.3	6
11	Life Cycle Assessment (LCA) in the construction of healthcare buildings. Analysis of environmental impact. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 664, 012053.	0.2	4
12	Markov model of computed tomography equipment. <i>Engineering Failure Analysis</i> , 2021, 127, 105506.	1.8	4
13	A life cycle analysis of ionizing radiation shielding construction systems in healthcare buildings. <i>Journal of Building Engineering</i> , 2021, 41, 102387.	1.6	4
14	Condition-based maintenance of ceramic curved tiles roof in Primary Healthcare buildings using Markov chains. <i>Journal of Building Engineering</i> , 2021, 43, 102517.	1.6	4
15	Determining the Learning Profile of Engineering Projects Students from Their Characteristic Motivational Profile. <i>Education Sciences</i> , 2022, 12, 256.	1.4	4
16	Sustainable solutions for thermal energy saving in hospital operating theatres. <i>E3S Web of Conferences</i> , 2019, 85, 01002.	0.2	2
17	Impact of weather-influenced urban mobility on carbon footprint of Spanish healthcare centres. <i>Journal of Transport and Health</i> , 2021, 20, 101017.	1.1	2
18	Impact of urban mobility on carbon footprint in healthcare centers in Extremadura (Spain). <i>International Journal of Sustainable Transportation</i> , 2022, 16, 627-636.	2.1	1

#	ARTICLE	IF	CITATIONS
19	Failure Modes in Electricity and Telecommunication Facilities in Dwellings in Spain. Applied Sciences (Switzerland), 2021, 11, 5274.	1.3	1
20	Influence of air velocity on indoor environment quality in unidirectional flow operating theatres: A study based on Computational Fluid Dynamics. E3S Web of Conferences, 2019, 85, 02003.	0.2	0
21	Overview of resilience: a concept to assess healthcare infrastructure preparedness against disasters. Evaluation of existing models and applicability to HVAC systems. IOP Conference Series: Earth and Environmental Science, 2021, 664, 012052.	0.2	0
22	Defectos frecuentes en la instalación de capas de impermeabilización en terrazas de azoteas = Frequent flaws in the installation of waterproofing layers in roof terraces. Anales De Edificación, 2019, 5, 61.	0.1	0
23	Waste production on terraces with PVC sheets and study of their CO2 emissions = Producción de residuos en azoteas con láminas de PVC y estudio de sus emisiones de CO2. Building & Management, 2019, 3, 42.	0.0	0
24	Análisis de la Eficiencia de Mantenimiento en un Hospital en Madrid (España) = Analysis of Maintenance Efficiency at a Hospital in Madrid (Spain). Anales De Edificación, 2019, 5, 35.	0.1	0
25	Electricity in hospitals: solutions based on economies of scale = Energía eléctrica en hospitales: soluciones basadas en economías de escala. Building & Management, 2019, 3, 12.	0.0	0