

Gonzalo SÃ¡nchez-Barroso

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5748754/publications.pdf>

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 | 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 |
| 2 | 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 |
| 3 | Determining the Learning Profile of Engineering Projects Students from Their Characteristic Motivational Profile. <i>Education Sciences</i> , 2022, 12, 256. | 1.4 | 4 |
| 4 | 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 |
| 5 | 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 |
| 6 | Overview of resilience: a concept to assess healthcare infrastructure preparedness against disasters. Evaluation of existing models and applicability to HVAC systems. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 664, 012052. | 0.2 | 0 |
| 7 | Failure Modes in Electricity and Telecommunication Facilities in Dwellings in Spain. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5274. | 1.3 | 1 |
| 8 | Markov model of computed tomography equipment. <i>Engineering Failure Analysis</i> , 2021, 127, 105506. | 1.8 | 4 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | Scheduling of Preventive Maintenance in Healthcare Buildings Using Markov Chain. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5263. | 1.3 | 13 |
| 14 | 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 |
| 15 | Analysis of Learning Motivation in Industrial Engineering Teaching in University of Extremadura (Spain). <i>Sustainability</i> , 2020, 12, 4987. | 1.6 | 6 |
| 16 | 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 |
| 17 | Influence of air velocity on indoor environment quality in unidirectional flow operating theatres: A study based on Computational Fluid Dynamics. <i>E3S Web of Conferences</i> , 2019, 85, 02003. | 0.2 | 0 |
| 18 | Evaluation of HVAC Design Parameters in High-Performance Hospital Operating Theatres. <i>Sustainability</i> , 2019, 11, 1493. | 1.6 | 26 |

| # | ARTICLE | IF | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Sustainable solutions for thermal energy saving in hospital operating theatres. E3S Web of Conferences, 2019, 85, 01002. | 0.2 | 2 |
| 20 | Electrical and thermal energy in private hospitals: Consumption indicators focused on healthcare activity. Sustainable Cities and Society, 2019, 47, 101482. | 5.1 | 35 |
| 21 | Application of Predictive Maintenance in Hospital Heating, Ventilation and Air Conditioning Facilities. Emerging Science Journal, 2019, 3, 337-343. | 1.4 | 22 |
| 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 |