

Angel G Gonzalez-Rodriguez

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

898
citations

759233

12
h-index

713466

21
g-index

29
all docs

29
docs citations

29
times ranked

801
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Multi-objective optimization of a uniformly distributed offshore wind farm considering both economic factors and visual impact. Sustainable Energy Technologies and Assessments, 2022, 52, 102148. | 2.7 | 1 |
| 2 | Complete Dataset to be used as a workbench to evaluate the profitability of an offshore wind farm. Data in Brief, 2022, , 108396. | 1.0 | 0 |
| 3 | Optimal Micro-Siting of Weathervaning Floating Wind Turbines. Energies, 2021, 14, 886. | 3.1 | 6 |
| 4 | THE COST OF TRANSPORT (COT) OF A HIGH ENERGY EFFICIENCY HYBRID ROBOT. Dyna (Spain), 2021, 96, 214-219. | 0.2 | 1 |
| 5 | Realistic Optimization of Parallelogram-Shaped Offshore Wind Farms Considering Continuously Distributed Wind Resources. Energies, 2021, 14, 2895. | 3.1 | 7 |
| 6 | A league-winner algorithm for defect classification in an industrial web inspection system. Expert Systems With Applications, 2021, 175, 114753. | 7.6 | 1 |
| 7 | On the effects of the design of cable-Driven robots on kinematics and dynamics models accuracy. Mechatronics, 2017, 43, 18-27. | 3.3 | 29 |
| 8 | Review of offshore wind farm cost components. Energy for Sustainable Development, 2017, 37, 10-19. | 4.5 | 85 |
| 9 | Optimal wind-turbine micro-siting of offshore wind farms: A grid-like layout approach. Applied Energy, 2017, 200, 28-38. | 10.1 | 48 |
| 10 | Optimization of regular offshore wind-power plants using a non-discrete evolutionary algorithm. AIMS Energy, 2017, 5, 173-192. | 1.9 | 1 |
| 11 | An indicator to objectively quantify the visual impact of an offshore wind farm. Journal of Renewable and Sustainable Energy, 2016, 8, 023306. | 2.0 | 2 |
| 12 | A new algorithm to maintain lateral stabilization during the running gait of a quadruped robot. Robotics and Autonomous Systems, 2016, 83, 57-72. | 5.1 | 14 |
| 13 | Maximizing the overall production of wind farms by setting the individual operating point of wind turbines. Renewable Energy, 2015, 80, 219-229. | 8.9 | 70 |
| 14 | Reducing computational effort in the calculation of annual energy produced in wind farms. Renewable and Sustainable Energy Reviews, 2015, 43, 656-665. | 16.4 | 6 |
| 15 | Improving the energy efficiency and speed of walking robots. Mechatronics, 2014, 24, 476-488. | 3.3 | 18 |
| 16 | CONTROLADOR PROPORCIONAL-INTEGRAL ADAPTATIVO PARA EL AHORRO ENERGÉTICO EN BICICLETAS AUTÓNOMAS. Dyna (Spain), 2014, 89, 656-664. | 0.2 | 0 |
| 17 | A new articulated leg for mobile robots. Industrial Robot, 2011, 38, 521-532. | 2.1 | 26 |
| 18 | Design of an adjustable-stiffness spring: Mathematical modeling and simulation, fabrication and experimental validation. Mechanism and Machine Theory, 2011, 46, 1970-1979. | 4.5 | 43 |

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|----|--|-----|-----------|
| 19 | Collision-free motion planning and scheduling. Robotics and Computer-Integrated Manufacturing, 2011, 27, 657-665. | 9.9 | 7 |
| 20 | Overall design optimization of wind farms. Renewable Energy, 2011, 36, 1973-1982. | 8.9 | 96 |
| 21 | Mobile Robots. , 2011, , 41-57. | | 2 |
| 22 | Optimization of wind farm turbines layout using an evolutive algorithm. Renewable Energy, 2010, 35, 1671-1681. | 8.9 | 294 |
| 23 | Design and simulation of an easy operating leg for walking robots. , 2009, , . | | 4 |
| 24 | A new tool for wind farm optimal design. , 2009, , . | | 16 |
| 25 | Design and validation of a novel actuator with adaptable compliance for application in human-like robotics. Industrial Robot, 2009, 36, 84-90. | 2.1 | 14 |
| 26 | Speed control of induction motors using a novel fuzzy sliding-mode structure. IEEE Transactions on Fuzzy Systems, 2002, 10, 375-383. | 9.8 | 102 |
| 27 | PSCAD based simulation of the connection of a wind generator to the network. , 0, , . | | 4 |
| 28 | Electrical maps of induction machines. , 0, , . | | 0 |