

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	Optimization of wind farm turbines layout using an evolutive algorithm. Renewable Energy, 2010, 35, 1671-1681.	8.9	294
2	Speed control of induction motors using a novel fuzzy sliding-mode structure. IEEE Transactions on Fuzzy Systems, 2002, 10, 375-383.	9.8	102
3	Overall design optimization of wind farms. Renewable Energy, 2011, 36, 1973-1982.	8.9	96
4	Review of offshore wind farm cost components. Energy for Sustainable Development, 2017, 37, 10-19.	4.5	85
5	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
6	Optimal wind-turbine micro-siting of offshore wind farms: A grid-like layout approach. Applied Energy, 2017, 200, 28-38.	10.1	48
7	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
8	On the effects of the design of cable-Driven robots on kinematics and dynamics models accuracy. Mechatronics, 2017, 43, 18-27.	3.3	29
9	A new articulated leg for mobile robots. Industrial Robot, 2011, 38, 521-532.	2.1	26
10	Improving the energy efficiency and speed of walking robots. Mechatronics, 2014, 24, 476-488.	3.3	18
11	A new tool for wind farm optimal design. , 2009, , .		16
12	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
13	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
14	Collision-free motion planning and scheduling. Robotics and Computer-Integrated Manufacturing, 2011, 27, 657-665.	9.9	7
15	Realistic Optimization of Parallelogram-Shaped Offshore Wind Farms Considering Continuously Distributed Wind Resources. Energies, 2021, 14, 2895.	3.1	7
16	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
17	Optimal Micro-Siting of Weathervaning Floating Wind Turbines. Energies, 2021, 14, 886.	3.1	6
18	PSCAD based simulation of the connection of a wind generator to the network. , 0, , .		4

#	ARTICLE	IF	CITATIONS
19	Design and simulation of an easy operating leg for walking robots. , 2009, , .		4
20	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
21	Mobile Robots. , 2011, , 41-57.		2
22	THE COST OF TRANSPORT (COT) OF A HIGH ENERGY EFFICIENCY HYBRID ROBOT. Dyna (Spain), 2021, 96, 214-219.	0.2	1
23	A league-winner algorithm for defect classification in an industrial web inspection system. Expert Systems With Applications, 2021, 175, 114753.	7.6	1
24	Optimization of regular offshore wind-power plants using a non-discrete evolutionary algorithm. AIMS Energy, 2017, 5, 173-192.	1.9	1
25	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
26	Electrical maps of induction machines. , 0, , .		0
27	CONTROLADOR PROPORCIONAL-INTEGRAL ADAPTATIVO PARA EL AHORRO ENERGÉTICO EN BICICLETAS AUTÓNOMAS. Dyna (Spain), 2014, 89, 656-664.	0.2	0
28	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