

# Jorge de Almeida Brito Junior

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

72  
citations

1937457

4  
h-index

1719901

7  
g-index

50  
all docs

50  
docs citations

50  
times ranked

82  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient use of the Generators for the Environmental Economic Dispatch from the energy system, including solar photovoltaic generation. International Journal for Innovation Education and Research, 2021, 9, 9-34.	0.0	1
2	Heuristic methods for the evaluation of environmental impacts in the power plants. , 2020, , 301-336.		0
3	Maintenance management with application of computational intelligence generating a decision support system for the load dispatch in power plants. , 2020, , 337-364.		0
4	Android app for Teaching and Learning Math for Elementary School Children. International Journal of Advanced Engineering Research and Science, 2019, 6, 183-187.	0.0	3
5	Analysis of the Efficiency of Auditory Protectors used in the Civil Construction industry in the City of Manaus in Brazil. International Journal of Advanced Engineering Research and Science, 2019, 6, 129-140.	0.0	0
6	Study of the Application of Glass Waste in Concrete Production. International Journal of Advanced Engineering Research and Science, 2019, 6, 681-691.	0.0	0
7	Qualitative Evaluation of the Basic Sanitation System with Fuzzy Logic in the Colonia Antônio Aleixo and Puraquequara Neighborhood in Manaus-AM, Brazil. International Journal of Advanced Engineering Research and Science, 2019, 6, 473-481.	0.0	0
8	Approach of Passive Filters using NSGA II in industrial installations: Part II. International Journal of Advanced Engineering Research and Science, 2019, 6, 147-155.	0.0	0
9	Application Focused on English Language Teaching for Children, with Speech Recognition and Synthesizing Capabilities. International Journal of Advanced Engineering Research and Science, 2019, 6, 20-24.	0.0	0
10	Biological Risk Analysis in a Waste Treatment Company in Manaus-AM. International Journal of Advanced Engineering Research and Science, 2019, 6, 81-87.	0.0	0
11	Setup Time Optimization in the Roll-Up Process on a Motorcycle Buffer Production Line Using Kaizen. International Journal of Advanced Engineering Research and Science, 2019, 6, 495-502.	0.0	0
12	Operational Solution to Economic Load Dispatch (ELD) of power plants by different deterministic methods and Particle Swarm Optimization. International Journal of Advanced Engineering Research and Science, 2019, 6, 196-206.	0.0	0
13	Efficiency of the Engine of Great Porte and Detection of Anomalies in the Operation of the Piston-Cylinder System through the Monitoring in Real Time. International Journal of Advanced Engineering Research and Science, 2019, 6, 116-129.	0.0	0
14	Application of the Internet of Things in the Development of a "Smart" Door. International Journal of Advanced Engineering Research and Science, 2019, 6, 345-349.	0.0	1
15	Control Management System for Air Conditioner via Power Line Communication Modem - PLC. International Journal of Advanced Engineering Research and Science, 2019, 6, 350-354.	0.0	0
16	USING BLOCKCHAIN TECHNOLOGY FOR IMPLEMENTATION OF AN ANDROID GRAPHICS SIMULATION APPLICATION. International Journal for Innovation Education and Research, 2019, 7, 105-118.	0.0	0
17	Active Methodologies. International Journal for Innovation Education and Research, 2019, 7, 267-280.	0.0	1
18	Educational approach for fault detection in Internal Combustion Engines with Matlab Toolbox Fuzzy Logic. International Journal for Innovation Education and Research, 2019, 7, 124-135.	0.0	0

#	ARTICLE	IF	CITATIONS
19	Electric Energy Reuse of Plastic Injection Machine Motors for Lighting Circuit in a Manaus-Amazonas Industrial Pole Company. International Journal for Innovation Education and Research, 2019, 7, 637-645.	0.0	0
20	Solution to economic emission load dispatch by simulated annealing: case study. Electrical Engineering, 2018, 100, 749-761.	1.2	12
21	Ant Lion optimizer applied to economic emission load dispatch problems turning off the engines. , 2018, , .		4
22	Comparison between Deterministic methods and the Artificial Bee Colony Algorithm, for the Economic Load Dispatch, turning off the Generators of Higher Cost. , 2018, , .		0
23	Optimization using NSGA II for Passive Filters in Industrial Networks. , 2018, , .		1
24	Solution to Economic " Emission Load Dispatch by Cultural Algorithm Combined With Local Search: Case Study. IEEE Access, 2018, 6, 64023-64040.	2.6	23
25	Pre-Dispatch of Load in Thermoelectric Power Plants Considering Maintenance Management Using Fuzzy Logic. IEEE Access, 2018, 6, 41379-41390.	2.6	6
26	Approach of economic"emission load dispatch using Ant Lion Optimizer. International Journal of Advanced Engineering Research and Science, 2018, 5, 184-190.	0.0	4
27	Monitoring System of the Parameters of Operation of internal Combustion Engines in Thermoelectric Plants for Fault Detection. International Journal of Advanced Engineering Research and Science, 2018, 5, 175-181.	0.0	1
28	Fuzzy Method for in Control Acetaldehyde Generation in Resin Pet in the Process of Packaging Pre-Forms of Plastic Injection. International Journal of Advanced Engineering Research and Science, 2018, 5, 237-248.	0.0	2
29	Comparative analysis between ribbed slabs and steel deck slabs in construction civil works in the city of Manaus. ITEGAM- Journal of Engineering and Technology for Industrial Applications (ITEGAM-JETIA), 2018, 4, .	0.1	0
30	The Importance of Quality Management in Civil Construction Projects. ITEGAM- Journal of Engineering and Technology for Industrial Applications (ITEGAM-JETIA), 2018, 4, .	0.1	0
31	Analysis of the Efficiency of Hearing Protectors to Sound Pressure Levels Applied in Mechanical Manufacturing Processes of a PIM company. ITEGAM- Journal of Engineering and Technology for Industrial Applications (ITEGAM-JETIA), 2018, 4, .	0.1	0
32	Gray water reuse system from air conditioners for non-potable purposes: case study applied at the Secretary of State of Finance - SEFAZ headquarters building in the city of Manaus-AM. ITEGAM- Journal of Engineering and Technology for Industrial Applications (ITEGAM-JETIA), 2018, 4, .	0.1	0
33	A proposal for sustainable surface drainage on hard floors. ITEGAM- Journal of Engineering and Technology for Industrial Applications (ITEGAM-JETIA), 2018, 4, .	0.1	0
34	Waste management in civil construction. ITEGAM- Journal of Engineering and Technology for Industrial Applications (ITEGAM-JETIA), 2018, 4, .	0.1	0
35	The use of Drywall in inner vertical seals: advantages and disadvantages against the common masonry system in Brazil. ITEGAM- Journal of Engineering and Technology for Industrial Applications (ITEGAM-JETIA), 2018, 4, .	0.1	0
36	Li-Fi applications as an alternative to improve connectivity in areas with internet access, compared to the Wi-Fi system. ITEGAM- Journal of Engineering and Technology for Industrial Applications (ITEGAM-JETIA), 2018, 4, .	0.1	0

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37	Framework for creation of ChatBots by end user. ITEGAM- Journal of Engineering and Technology for Industrial Applications (ITEGAM-JETIA), 2018, 4, .	0.1	0
38	Feasibility of using the light steel frame system in civil construction works in the city of Manaus-AM. ITEGAM- Journal of Engineering and Technology for Industrial Applications (ITEGAM-JETIA), 2018, 4, .	0.1	1
39	Analysis of the solution for the economic load dispatch by different mathematical methods and genetic algorithms: Case Study. ITEGAM- Journal of Engineering and Technology for Industrial Applications (ITEGAM-JETIA), 2018, 4, .	0.1	2
40	Analysis of the environmental temperature according to the type of soil surface in the city of Manaus. ITEGAM- Journal of Engineering and Technology for Industrial Applications (ITEGAM-JETIA), 2018, 4, .	0.1	0
41	Comparative study of the physical and mechanical properties between the conventional concrete using brita 0 and rolled pebble of the city of Manaus-Am. ITEGAM- Journal of Engineering and Technology for Industrial Applications (ITEGAM-JETIA), 2018, 4, .	0.1	0
42	Fuzzy Inference System for fault detection in internal combustion engines in Thermoelectric Power Generating Plants. International Journal of Advanced Engineering Research and Science, 2018, 5, 240-246.	0.0	0
43	RFID System Applicability Model for Traceability of Luggage at Airports. International Journal of Advanced Engineering Research and Science, 2018, 5, 120-127.	0.0	1
44	Applications and Advantages of the Internet of Things (IoT) at Industry 4.0. ITEGAM- Journal of Engineering and Technology for Industrial Applications (ITEGAM-JETIA), 2018, 4, .	0.1	0
45	Approach of Passive Filters using NSGA II in industrial installations: Part I. International Journal of Advanced Engineering Research and Science, 2018, 5, 332-342.	0.0	0
46	New solution for resolution of the Economic Load Dispatch by different mathematical optimization methods, turning off the less efficient generators. ITEGAM- Journal of Engineering and Technology for Industrial Applications (ITEGAM-JETIA), 2017, 3, .	0.1	6
47	Thermal study: Thermal and acoustic insulation plates. ITEGAM- Journal of Engineering and Technology for Industrial Applications (ITEGAM-JETIA), 2017, 3, .	0.1	0
48	Procedures for risk assessment of critical slant prevention ergonomic work stations: a case study. ITEGAM- Journal of Engineering and Technology for Industrial Applications (ITEGAM-JETIA), 2015, 1, .	0.1	0
49	Multi-Objective Optimization Techniques to Solve the Economic Emission Load Dispatch Problem Using Various Heuristic and Metaheuristic Algorithms. , 0, , .		3
50	Maintenance Management with Application of Computational Intelligence Generating a Decision Support System for the Load Dispatch in Power Plants. , 0, , .		0