Reinaldo Padilha França

List of Publications by Year
in descending order

87 papers	373 citations	7 h-index (1307594)	15 g-index (996975)
95 all docs	95 docs citations	95 times ranked	177 citing authors

#	Article	IF	Citations
1	Computer-aided Diagnosis of Skin Cancer: A Review. Current Medical Imaging, 2020, 16, 781-793.	0.8	82
2	Health 4.0: Applications, Management, Technologies and Review. Medical Technologies Journal, 2019, 2, 262-276.	0.5	40
3	Improvement of the Transmission of Information for ICT Techniques Through CBEDE Methodology. Advances in Educational Technologies and Instructional Design Book Series, 2020, , 13-34.	0.2	16
4	Development of a laboratory medical algorithm for simultaneous detection and counting of erythrocytes and leukocytes in digital images of a blood smear. , 2020, , 165-186.		13
5	Potential proposal to improve data transmission in healthcare systems. , 2020, , 267-283.		13
6	Betterment Proposal to Multipath Fading Channels Potential to MIMO Systems. Smart Innovation, Systems and Technologies, 2019, , 115-130.	0.6	12
7	Methodology of High Accuracy, Sensitivity and Specificity in the Counts of Erythrocytes and Leukocytes in Blood Smear Images. Smart Innovation, Systems and Technologies, 2019, , 79-90.	0.6	12
8	A Comparative Study Between Methodologies Based on the Hough Transform and Watershed Transform on the Blood Cell Count. Smart Innovation, Systems and Technologies, 2019, , 65-78.	0.6	10
9	Intelligent Applications of WSN in the World: A Technological and Literary Background. Advances in Intelligent Systems and Computing, 2020, , 13-34.	0.6	9
10	Detecting and Counting of Blood Cells Using Watershed Transform: An Improved Methodology. , 2019, , 301-310.		8
11	An Overview of the Machine Learning Applied in Smart Cities. Lecture Notes in Intelligent Transportation and Infrastructure, 2021, , 91-111.	0.5	8
12	A Proposal Based on Discrete Events for Improvement of the Transmission Channels in Cloud Environments and Big Data. , 2020, , 185-204.		8
13	An Overview of Internet of Things Technology Applied on Precision Agriculture Concept. Advances in Environmental Engineering and Green Technologies Book Series, 2021, , 47-70.	0.4	7
14	Speed Control of a DC Motor Using PID Controller Based on Improved Whale Optimization Algorithm. Lecture Notes in Electrical Engineering, 2021, , 153-167.	0.4	7
15	Potential model for improvement of the data transmission in healthcare systems. , 2019, , .		7
16	Lower Memory Consumption for Data Transmission in Smart Cloud Environments With CBEDE Methodology. Advances in Computational Intelligence and Robotics Book Series, 2020, , 216-237.	0.4	7
17	A Proposal of Improvement for Transmission Channels in Cloud Environments Using the CBEDE Methodology. Advances in Information Security, Privacy, and Ethics Book Series, 2020, , 184-202.	0.5	6
18	Improvement for Channels With Multipath Fading (MF) Through the Methodology CBEDE. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2020, , 25-43.	0.5	6

#	ARTICLE	IF	CITATIONS
19	World Cup Optimization Algorithm: Application for Optimal Control of Pitch Angle in Hybrid Renewable PV/Wind Energy System. Lecture Notes in Electrical Engineering, 2021, , 25-47.	0.4	5
20	A Methodology for Improving Efficiency in Data Transmission in Healthcare Systems. Studies in Big Data, 2021, , 49-70.	1.1	5
21	Development of a Kernel: A Deeper Look at the Architecture of an Operating System. Smart Innovation, Systems and Technologies, 2019, , 103-114.	0.6	4
22	Better Transmission of Information Focused on Green Computing Through Data Transmission Channels in Cloud Environments with Rayleigh Fading. Green Energy and Technology, 2021, , 71-93.	0.6	4
23	The Fundamentals and Potential for Cybersecurity of Big Data in the Modern World. Studies in Computational Intelligence, 2021, , 51-73.	0.9	4
24	Classification of Automatic Skin Lesions from Dermoscopic Images Utilizing Deep Learning. Set International Journal of Broadcast Engineering, 2019, 2019, 107-114.	0.2	4
25	WT-MO Algorithm. Advances in Environmental Engineering and Green Technologies Book Series, 2019, , 39-79.	0.4	4
26	Improved Transmission of Data and Information in Intrusion Detection Environments Using the CBEDE Methodology. Advances in Information Security, Privacy, and Ethics Book Series, 2020, , 26-46.	0.5	4
27	Toxoplasmosis Gondii: From Discovery to Advancens in Image Processing. Smart Innovation, Systems and Technologies, 2019, , 91-101.	0.6	3
28	An Overview of Narrowband Internet of Things (NB-IoT) in the Modern Era. Advances in Wireless Technologies and Telecommunication Book Series, 2021, , 26-45.	0.4	3
29	Big Data and Cloud Computing. Advances in Data Mining and Database Management Book Series, 2021, , 29-50.	0.5	3
30	An Overview of the Integration between Cloud Computing and Internet of Things (IoT) Technologies. , 2020, , 1-22.		3
31	An Overview of Blockchain and its Applications in the Modern Digital Age. , 2020, , 185-207.		3
32	Medical-Laboratory Algorithm WTH-MO for Segmentation of Digital Images of Blood Cells: A New Methodology for Making Hemograms. International Journal of Simulation: Systems, Science and Technology, 0, , .	0.0	3
33	An Insight into Applications of Internet of Things Security from a Blockchain Perspective. Smart Innovation, Systems and Technologies, 2021, , 143-152.	0.6	3
34	The fundamentals and potential of heuristics and metaheuristics for multiobjective combinatorial optimization problems and solution methods. , 2022, , 9-29.		3
35	An Introduction to Blockchain Technology and Their Applications in the Actuality with a View of Its Security Aspects. Blockchain Technologies, 2021, , 31-53.	0.8	2
36	A Look at Machine Learning in the Modern Age of Sustainable Future Secured Smart Cities. Advanced Sciences and Technologies for Security Applications, 2021, , 359-383.	0.5	2

#	ARTICLE	IF	CITATIONS
37	An Overview of the Edge Computing in the Modern Digital Age. Advances in Information Security, 2021, , 33-52.	1.2	2
38	An Overview and Technological Background of Semantic Technologies. Advances in Computational Intelligence and Robotics Book Series, 2021, , 1-21.	0.4	2
39	Hardware Modeling Challenges Regarding Application-Focused PCB Designs in Industry 4.0 and IoT Conceptual Environments. Smart Innovation, Systems and Technologies, 2021, , 489-498.	0.6	2
40	DISAGGREGATION OF LOADS IN THE SMART GRID CONTEXT. , 0, , 14-25.		2
41	A Review on the Technological and Literary Background of Multimedia Compression. Advances in Information Security, Privacy, and Ethics Book Series, 2020, , 1-20.	0.5	2
42	Using Metaheuristics in Discrete-Event Simulation. Lecture Notes in Electrical Engineering, 2021, , 275-292.	0.4	2
43	Metaheuristics Applied to Blood Image Analysis. Lecture Notes in Electrical Engineering, 2021, , 117-135.	0.4	2
44	A Computational Intelligence Perspective on Multimodal Image Registration for Unmanned Aerial Vehicles (UAVs). Lecture Notes in Electrical Engineering, 2021, , 251-274.	0.4	1
45	A Review of MIMO. Advances in Wireless Technologies and Telecommunication Book Series, 2021, , 209-235.	0.4	1
46	Applying a Methodology in Data Transmission of Discrete Events From the Perspective of Cyber-Physical Systems Environments. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2021, , 278-300.	0.5	1
47	A Metaheuristic Algorithm for Classification of White Blood Cells in Healthcare Informatics. Studies in Computational Intelligence, 2021, , 219-238.	0.9	1
48	An Overview of the Internet of Medical Things and Its Modern Perspective. Internet of Things, 2021, , 1-23.	1.7	1
49	Smart Cities Ecosystem in the Modern Digital Age: An Introduction. Advanced Sciences and Technologies for Security Applications, 2021, , 49-70.	0.5	1
50	An Overview of Medical Internet of Things, Artificial Intelligence, and Cloud Computing Employed in Health Care from a Modern Panorama. Internet of Things, 2021, , 3-23.	1.7	1
51	An Overview of Web 2.0 and Its Technologies and Their Impact in the Modern Era. Advances in Business Information Systems and Analytics Book Series, 2021, , 73-93.	0.4	1
52	A Look at the Evolution of Autonomous Cars and Its Impact on Society Along with Their Perspective on Future Mobility. Smart Innovation, Systems and Technologies, 2021, , 583-594.	0.6	1
53	Development of Digital Image Processing Methodology WT-MO: An Algorithm of High Accuracy in Detection And Counting of Erythrocytes, Leucocytes, Blasts. , 2019, , .		1
54	Improvement of the Content Transmission in Broadcasting Systems: Potential Proposal to Rayleigh and Rician Multichannel MIMO Systems. Set International Journal of Broadcast Engineering, 2018, 2018, 23-33.	0.2	1

#	Article	IF	Citations
55	A Model for Medical Staff Idleness Minimization. Smart Innovation, Systems and Technologies, 2019, , 633-645.	0.6	1
56	Smart City: A Qualitative Reflection of How the Intelligence Concept with Effective Ethics Procedures Applied to the Urban Territory Can Effectively Contribute to Mitigate the Corruption Process and Illicit Economy Markets. Smart Innovation, Systems and Technologies, 2021, , 557-570.	0.6	1
57	Hematology: A Review of the Main Methodologies of Clinical Analyses. Smart Innovation, Systems and Technologies, 2021, , 49-59.	0.6	1
58	Classification of Dermoscopy SkinÂImages with the Application of Deep Learning Techniques. Smart Innovation, Systems and Technologies, 2021, , 73-81.	0.6	1
59	An overview of the impact of PACS as health informatics and technology e-health in healthcare management. , 2022, , 101-128.		1
60	Overview of microgrids in the modern digital age: an introduction and fundamentals. , 2022, , 27-43.		1
61	General Aspects of Pathophysiology, Diagnosis, and Treatment of Sickle Cell Disease. , 2019, , 311-318.		0
62	The Fundamentals and Potential of the Internet of Vehicles (IoV) in Todayâ€™s Society. Internet of Things, 2021, , 3-29.	1.7	0
63	The fundamentals and potential of translational medicine in healthcare. , 2021, , 13-27.		0
64	An efficient bioinformatics algorithm for healthcare: Detection and counting of leukocytes, blasts, and erythrocytes. , 2021, , 215-230.		0
65	A Look at Semantic Web Technology and the Potential Semantic Web Search in the Modern Era. Studies in Computational Intelligence, 2021, , 59-79.	0.9	0
66	A Look at Artificial Intelligence on the Perspective of Application in the Modern Education. Studies in Computational Intelligence, 2021, , 171-189.	0.9	0
67	Proposal of a Medical Algorithm Based on the Application of Digital Image Processing and Visual Communication Techniques. Set International Journal of Broadcast Engineering, 2018, 2018, 58-66.	0.2	0
68	COUNTING OF ERYTHROCYTES AND LEUCOCYTES THROUGH THE DIGITAL IMAGE SEGMENTATION ALGORITHM WT-MO: A QUICK AND LOW-COST METHODOLOGY. , 0, , 46-56.		0
69	A Proposal to Improve Channels with Rician Fading Through the Methodology CBEDE. International Journal of Simulation: Systems, Science and Technology, 0, , .	0.0	0
70	Broadcast: The historical development of World Broadcasting and its impact reflected in Brazil. Set International Journal of Broadcast Engineering, 2019, 2019, 86-92.	0.2	0
71	Applied Medical Informatics in the Detection and Counting of Erythrocytes and Leukocytes RHMF the Image Segmentation Algorithm. Set International Journal of Broadcast Engineering, 2019, 2019, 99-106.	0.2	0
72	Video Content Delivery Schemes: Approaches and Directions. Set International Journal of Broadcast Engineering, 2019, 2019, 78-85.	0.2	0

#	Article	IF	Citations
73	Proposal for Improvement of Information Transmission in OFDM Systems RHMF the CBEDE Methodology. Set International Journal of Broadcast Engineering, 2019, 2019, 45-54.	0.2	0
74	The Axis â€œHuman Papillomavirus - Anal Squamous Cell Carcinomaâ€ A Review. Medical Technologies Journal, 2020, 3, 471-481.	0.5	0
75	The evolution of robotic systems. , 2020, , 1-20.		0
76	An Overview of Internet of Things Security from a Modern Perspective. Smart Innovation, Systems and Technologies, 2021, , 639-652.	0.6	0
77	An Overview of the Internet of Things Technologies Focusing on Disaster Response. , 2020, , 151-168.		0
78	A Study on Investigations Carried Out in Dams from the Perspective of Risk Analysis. Smart Innovation, Systems and Technologies, 2021, , 225-234.	0.6	0
79	Understanding Quantum Computation Concepts and Applications. Smart Innovation, Systems and Technologies, 2021, , 351-359.	0.6	0
80	Cytology and Hematology: A Review of the Fundamental Principles. Smart Innovation, Systems and Technologies, 2021, , 35-47.	0.6	0
81	A Discussion of the Challenges Small Towns Face in Reaching the Promising Scenario of Electronic Government Intelligent Cities. Smart Innovation, Systems and Technologies, 2021, , 571-581.	0.6	0
82	Coding of Bits for Entities by Means of Discrete Events (CBEDE): A Method of Compression and Transmission of Data. Transactions on Computational Science and Computational Intelligence, 2020, , 17-30.	0.3	0
83	UAV-CPSs as a test bed for new technologies and a primer to Industry 5.0. , 2020, , 1-22.		0
84	GENERAL ASPECTS OF TELEMEDICINE: FROM EMERGENCE TO USE IN THE COVID PANDEMIC 19. , 0, , 1-13.		0
85	A cognitive approach to digital health based on deep learning focused on classification and recognition of white blood cells. , 2022, , 1-25.		0
86	Overview of sources of microgrids for residential and rural electrification: a panorama in the modern age. , 2022, , 69-85.		0
87	An Overview of Internet of Things Technology Applied on Precision Agriculture Concept. , 2022, , 492-515.		0