

Cesar Pedraza

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

375
citations

1162889

8
h-index

940416

16
g-index

22
all docs

22
docs citations

22
times ranked

282
citing authors

#	ARTICLE	IF	CITATIONS
1	Extraction and Analysis of Social Networks Data to Detect Traffic Accidents. Information (Switzerland), 2022, 13, 26.	1.7	14
2	Attention-Based Deep Recurrent Neural Network to Forecast the Temperature Behavior of an Electric Arc Furnace Side-Wall. Sensors, 2022, 22, 1418.	2.1	6
3	FTxAC: Leveraging the Approximate Computing Paradigm in the Design of Fault-Tolerant Embedded Systems to Reduce Overheads. IEEE Transactions on Emerging Topics in Computing, 2021, 9, 797-810.	3.2	3
4	Locating Ships Using Time Reversal and Matrix Pencil Method by Their Underwater Acoustic Signals. Sensors, 2021, 21, 5065.	2.1	1
5	Temperature Prediction Using Multivariate Time Series Deep Learning in the Lining of an Electric Arc Furnace for Ferronickel Production. Sensors, 2021, 21, 6894.	2.1	12
6	Modern data sources and techniques for analysis and forecast of road accidents: A review. Journal of Traffic and Transportation Engineering (English Edition), 2020, 7, 432-446.	2.0	56
7	A Deep Learning Approach for Weed Detection in Lettuce Crops Using Multispectral Images. AgriEngineering, 2020, 2, 471-488.	1.7	105
8	Damage Identification in Structural Health Monitoring: A Brief Review from its Implementation to the Use of Data-Driven Applications. Sensors, 2020, 20, 733.	2.1	67
9	Cost-Effective Implementation of a Temperature Traceability System Based on Smart RFID Tags and IoT Services. Sensors, 2020, 20, 1163.	2.1	41
10	A Data Cleaning Approach for a Structural Health Monitoring System in a 75 MW Electric Arc Ferronickel Furnace. Engineering Proceedings, 2020, 2, 21.	0.4	4
11	Deep Learning for the Prediction of Temperature Time Series in the Lining of an Electric Arc Furnace for Structural Health Monitoring at Cerro Matoso S.A. (CMSA). , 2020, 2, .		3
12	MiFIT: A Fault Injection Tool to Validate the Reliability of Microprocessors. , 2019, , .		4
13	Reducing Overheads in Software-based Fault Tolerant Systems using Approximate Computing. , 2019, , .		6
14	Using Approximate Computing and Selective Hardening for the Reduction of Overheads in the Design of Radiation-Induced Fault-Tolerant Systems. Electronics (Switzerland), 2019, 8, 1539.	1.8	2
15	An Artificial Vision Based Method for Vehicle Detection and Classification in Urban Traffic. Lecture Notes in Computer Science, 2019, , 394-403.	1.0	1
16	PCIV, an RFID-Based Platform for Intelligent Vehicle Monitoring. IEEE Intelligent Transportation Systems Magazine, 2018, 10, 28-35.	2.6	24
17	A review of approximate computing techniques towards fault mitigation in HW/SW systems. , 2018, , .		11
18	Use of bluetooth technology for applications of intelligent transportation system. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
19	RFID framework for intelligent traffic monitoring. , 2016, , .		3
20	Parallel algorithm for evolvable-based boolean synthesis on GPUs. Analog Integrated Circuits and Signal Processing, 2013, 76, 335-342.	0.9	1
21	Reducci3n de los tiempos de c3mputo de la Migraci3n S3smica usando FPGAs y GPGPUs: Un art3culo de revisi3n. Ingenier3a Y Ciencia, 2013, 9, 261-293.	0.3	1
22	Genetic Algorithm for Boolean minimization in3n3FPGA cluster. Journal of Supercomputing, 2011, 58, 244-252.	2.4	9