Yuzo Iano

List of Publications by Year
in descending order

78	673	759233	610901
papers	citations	12	24
		h-index	g-index

89	89	89	593
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Performance Evaluation of SOCA-CFAR Detectors in Weibull-Distributed Clutter Environments. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	4
2	Novelty Sensor for Detection of Wear Particles in Oil Using Integrated Microwave Metamaterial Resonators With Neodymium Magnets. IEEE Sensors Journal, 2022, 22, 10508-10514.	4.7	19
3	Intelligent Mobility: A Proposal forÂModeling Traffic Lights Using Fuzzy Logic andÂIoT forÂSmart Cities. Communications in Computer and Information Science, 2022, , 302-311.	0.5	3
4	A Computational Intelligence Perspective on Multimodal Image Registration for Unmanned Aerial Vehicles (UAVs). Lecture Notes in Electrical Engineering, 2021, , 251-274.	0.4	1
5	A Movement Detection System Using Continuous-Wave Doppler Radar Sensor and Convolutional Neural Network to Detect Cough and Other Gestures. IEEE Sensors Journal, 2021, 21, 2921-2928.	4.7	28
6	Micro-generation of Electricity Through Photovoltaic Conversion. Smart Innovation, Systems and Technologies, 2021, , 520-527.	0.6	0
7	UGVs - Applications in the Smart Cities (Angular 2+ and .Net Core 3+). Smart Innovation, Systems and Technologies, 2021, , 10-16.	0.6	0
8	5G - Active Antenna Applications. Smart Innovation, Systems and Technologies, 2021, , 513-519.	0.6	0
9	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
10	Safety Management Applied to Smart Cities Design. Smart Innovation, Systems and Technologies, 2021, , 498-510.	0.6	5
11	Energy Use in Urban Areas Using Neodymium Magnets. Smart Innovation, Systems and Technologies, 2021, , 988-1005.	0.6	4
12	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
13	MPPT-PWM - A Maximum Power Point Tracking (MPPT) Strategy Using Variable Speed Wind Turbines (VSWTs). Smart Innovation, Systems and Technologies, 2021, , 1016-1026.	0.6	0
14	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
15	A Metaheuristic Algorithm for Classification of White Blood Cells in Healthcare Informatics. Studies in Computational Intelligence, 2021, , 219-238.	0.9	1
16	Big Data and Cloud Computing. Advances in Data Mining and Database Management Book Series, 2021, , 29-50.	0.5	3
17	Smart Cities Ecosystem in the Modern Digital Age: An Introduction. Advanced Sciences and Technologies for Security Applications, 2021, , 49-70.	0.5	1
18	Current sensor optimization based on simulated transfer function under partial discharge pulses. Sensors and Actuators A: Physical, 2021, 329, 112825.	4.1	7

#	Article	IF	Citations
19	Melanoma Classification Based on Three Different Very Deep Neural Networks. Smart Innovation, Systems and Technologies, 2021, , 463-476.	0.6	0
20	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
21	An Overview of the Edge Computing in the Modern Digital Age. Advances in Information Security, 2021, , 33-52.	1.2	2
22	Technology and Inclusive Education, Hybrid Web Application - Entertainment and Learning. Smart Innovation, Systems and Technologies, 2021, , 3-9.	0.6	0
23	A Multi-criteria Modelling for Ranking CO2 Emitting G20 Countries from the Kaya Identity and Their Impacts on Elderly Health. Smart Innovation, Systems and Technologies, 2021, , 477-487.	0.6	1
24	Digital Garbage Bin Monitoring System (DGBMS). Smart Innovation, Systems and Technologies, 2021, , 488-497.	0.6	2
25	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
26	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
27	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
28	A Methodology for Improving Efficiency in Data Transmission in Healthcare Systems. Studies in Big Data, 2021, , 49-70.	1.1	5
29	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
30	Hematology: A Review of the Main Methodologies of Clinical Analyses. Smart Innovation, Systems and Technologies, 2021, , 49-59.	0.6	1
31	Bacteriological Contaminants Detection in Some Consumed Raw Vegetables Based on Spectrometry in Ayacucho Town, Peru. Smart Innovation, Systems and Technologies, 2021, , 309-319.	0.6	0
32	An Operational Approach for Enhancement Toll Collection in Trucks with Axis Suspended. Smart Innovation, Systems and Technologies, 2021, , 573-582.	0.6	0
33	Classification of Dermoscopy SkinÂImages with the Application of Deep Learning Techniques. Smart Innovation, Systems and Technologies, 2021, , 73-81.	0.6	1
34	An Overview of Internet of Things Security from a Modern Perspective. Smart Innovation, Systems and Technologies, 2021, , 639-652.	0.6	0
35	An Insight into Applications of Internet of Things Security from a Blockchain Perspective. Smart Innovation, Systems and Technologies, 2021, , 143-152.	0.6	3
36	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

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37	Synchronization Reduction of the Conjugate Gradient Detector Used in Massive MIMO Uplink. Smart Innovation, Systems and Technologies, 2021, , 225-233.	0.6	1
38	Understanding Quantum Computation Concepts and Applications. Smart Innovation, Systems and Technologies, 2021, , 351-359.	0.6	0
39	Cytology and Hematology: A Review of the Fundamental Principles. Smart Innovation, Systems and Technologies, 2021, , 35-47.	0.6	0
40	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
41	Metaheuristics Applied to Blood Image Analysis. Lecture Notes in Electrical Engineering, 2021, , 117-135.	0.4	2
42	PCB-integrated non-destructive microwave sensor for liquid dielectric spectroscopy based on planar metamaterial resonator. Sensors and Actuators A: Physical, 2020, 312, 112112.	4.1	45
43	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
44	Potential proposal to improve data transmission in healthcare systems. , 2020, , 267-283.		13
45	Intelligent Applications of WSN in the World: A Technological and Literary Background. Advances in Intelligent Systems and Computing, 2020, , 13-34.	0.6	9
46	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
47	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
48	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
49	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
50	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
51	Digital Image Processing with Data Storage for Security Applications. , 2019, , 103-109.		0
52	Development of a Digital Image Processing Web Tool for a Monitoring System Relying on an Unmanned Ground Vehicle. , 2019, , 111-116.		0
53	Edge-Detection Noise-Smoothing Image Filter Techniques. , 2019, , 117-122.		0
54	Toxoplasmosis Gondii: From Discovery to Advancens in Image Processing. Smart Innovation, Systems and Technologies, 2019, , 91-101.	0.6	3

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55	Performance Analysis of X Band Horn Antennas using Additive Manufacturing Method Coated with Different Techniques. Journal of Microwaves, Optoelectronics and Electromagnetic Applications, 2019, 18, 263-269.	0.7	5
56	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
57	Measuring dielectric properties by two methods using software–defined radio. IET Science, Measurement and Technology, 2019, 13, 1003-1008.	1.6	13
58	Investigation of Void Size and Location on Partial Discharge Activity in High Voltage XLPE Cable Insulation. , 2019, , .		8
59	Detecting and Counting of Blood Cells Using Watershed Transform: An Improved Methodology. , 2019, , 301-310.		8
60	Digital TV (ISDB-Tb) Broadcasting over LTE Broadcast: A Feasibility Study. , 2019, , 145-155.		0
61	General Aspects of Pathophysiology, Diagnosis, and Treatment of Sickle Cell Disease. , 2019, , 311-318.		0
62	Betterment Proposal to Multipath Fading Channels Potential to MIMO Systems. Smart Innovation, Systems and Technologies, 2019, , 115-130.	0.6	12
63	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
64	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
65	Classification of Automatic Skin Lesions from Dermoscopic Images Utilizing Deep Learning. Set International Journal of Broadcast Engineering, 2019, 2019, 107-114.	0.2	4
66	Health 4.0: Applications, Management, Technologies and Review. Medical Technologies Journal, 2019, 2, 262-276.	0.5	40
67	A Model for Medical Staff Idleness Minimization. Smart Innovation, Systems and Technologies, 2019, , 633-645.	0.6	1
68	Compact rectenna based on a fractal geometry with a high conversion energy efficiency per area. IET Microwaves, Antennas and Propagation, 2018, 12, 173-178.	1.4	49
69	Evaluation of Partial Discharge Signatures Using Inductive Coupling at On-Site Measuring for Instrument Transformers. International Journal of Emerging Electric Power Systems, 2018, 19, .	0.8	1
70	Microwave Sensor for Liquid Dielectric Characterization Based on Metamaterial Complementary Split Ring Resonator. IEEE Sensors Journal, 2018, 18, 9978-9983.	4.7	170
71	Sustainable Adoption of Connected Vehicles in the Brazilian Landscape: Policies, Technical Specifications and Challenges. Transactions on Environment and Electrical Engineering, 2018, 3, 44.	0.5	13
72	Compact antenna based on fractal for IoT sub-GHz wireless communications. , 2017, , .		4

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73	MPEG-SCORM: An ontological approach of interoperable metadata for digital television and e-Learning. , 2016, , .		0
74	SCORM-MPEG: An ontology of interoperable metadata for multimedia and e-Learning. , 2015, , .		1
75	Employing Light Field Cameras in Surveillance: An Analysis of Light Field Cameras in a Surveillance Scenario. 3D Research, 2014, 5, 1.	1.8	3
76	Re-Multiplexing ISDB-T BTS Into DVB TS for SFN. IEEE Transactions on Broadcasting, 2009, 55, 802-809.	3.2	15
77	An Immune-Inspired Approach for Unsupervised Texture Segmentation Using Wavelet Packet Transform. , 2009, , .		0
78	A fast and efficient hybrid fractal-wavelet image coder. IEEE Transactions on Image Processing, 2006, 15, 98-105.	9.8	63