

Oluyomi Simpson

List of Publications by Year in descending order

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25
papers

209
citations

1684188

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h-index

1588992

8
g-index

25
all docs

25
docs citations

25
times ranked

224
citing authors

#	ARTICLE	IF	CITATIONS
1	SASHA: A Shift-Add Segmented Hybrid Approximated Multiplier for Image Processing. , 2022, , .		0
2	Design and Implementation of a Reconfigurable Wideband Radio Frequency Spectrum Analyzer With Image Rejection in the Digital Domain. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-16.	4.7	1
3	A Step-Down ZVS Power Converter with Self-Driven Synchronous Rectifier. , 2021, , .		0
4	A novel resonant ZVS power converter with self-driven synchronous rectifier for low-voltage high-current applications. IET Power Electronics, 2021, 14, 1397-1408.	2.1	4
5	Design and Implementation of a Re-Configurable Versatile Direct Digital Synthesis-Based Pulse Generator. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-14.	4.7	5
6	An Isolated ZVS DC/DC Converter with Diode-connected MOSFET in Rectifier. , 2021, , .		0
7	Low-Complexity Lattice Reduction Aided Schnorr Euchner Sphere Decoder Detection Schemes with MMSE and SIC Pre-processing for MIMO Wireless Communication Systems. , 2021, , .		1
8	Energy Efficient Relay Selection Algorithm for Virtual MIMO Cooperative Networks. , 2020, , .		0
9	Jointly optimized echo state network for short-term channel state information prediction of fading channel. , 2020, , .		0
10	Robust Statistics Evidence Based Secure Cooperative Spectrum Sensing for Cognitive Radio Networks. , 2020, , .		6
11	Efficient evidence-based decision fusion scheme for cooperative spectrum sensing in cognitive radio networks. Transactions on Emerging Telecommunications Technologies, 2020, 31, e3901.	3.9	5
12	Low-power, high-linearity transconductor with a high tolerance for process and temperature variations. IET Circuits, Devices and Systems, 2020, 14, 1295-1304.	1.4	0
13	Generalized Completed Local Binary Patterns for Time-Efficient Steel Surface Defect Classification. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 667-679.	4.7	102
14	A Stochastic Method to Physical Layer Security of an Amplify-and-Forward Spectrum Sensing in Cognitive Radio Networks: Secondary User to Relay. , 2019, , .		1
15	Interference Alignment for Cognitive Radio Communications and Networks: A Survey. Journal of Sensor and Actuator Networks, 2019, 8, 50.	3.9	6
16	Surface Defect Classification for Hot-Rolled Steel Strips by Selectively Dominant Local Binary Patterns. IEEE Access, 2019, 7, 23488-23499.	4.2	47
17	A Stochastic based Physical Layer Security in Cognitive Radio Networks: Cognitive Relay to Fusion Center. , 2019, , .		4
18	LTE RSRP, RSRQ, RSSNR and local topography profile data for RF propagation planning and network optimization in an urban propagation environment. Data in Brief, 2018, 21, 1724-1737.	1.0	7

#	ARTICLE	IF	CITATIONS
19	Spectrum Sensing of DVB-T2 Signals using a Low Computational Noise Power Estimation. , 2018, , .		2
20	A Kosambi-Karhunenâ€™LoÃƒve Learning Approach to Cooperative Spectrum Sensing in Cognitive Radio Networks. , 2018, , .		0
21	Space-time opportunistic interference alignment in cognitive radio networks. , 2016, , .		5
22	A novel computationally-efficient digital frequency locking scheme for software defined radio MODEM. , 2016, , .		0
23	Optimal entropy quantization for maximum likelihood estimation based cooperative spectrum sensing. , 2016, , .		1
24	Relay-Based Cooperative Spectrum Sensing with Improved Energy Detection In Cognitive Radio. , 2015, , .		6
25	A differential space-time coding scheme for cooperative spectrum sensing in cognitive radio networks. , 2015, , .		6