

Tanesh Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,505
citations

623734

14
h-index

610901

24
g-index

58
all docs

58
docs citations

58
times ranked

1120
citing authors

#	ARTICLE	IF	CITATIONS
1	Overview of 5G Security Challenges and Solutions. IEEE Communications Standards Magazine, 2018, 2, 36-43.	4.9	293
2	Security for 5G and Beyond. IEEE Communications Surveys and Tutorials, 2019, 21, 3682-3722.	39.4	227
3	5G security: Analysis of threats and solutions. , 2017, , .		97
4	Blockchain Utilization in Healthcare: Key Requirements and Challenges. , 2018, , .		97
5	Secure and Efficient Data Accessibility in Blockchain Based Healthcare Systems. , 2018, , .		71
6	BlockEdge: Blockchain-Edge Framework for Industrial IoT Networks. IEEE Access, 2020, 8, 154166-154185.	4.2	61
7	Mobile DDR IO Standard Based High Performance Energy Efficient Portable ALU Design on FPGA. Wireless Personal Communications, 2014, 76, 569-578.	2.7	51
8	5G Privacy: Scenarios and Solutions. , 2018, , .		40
9	Health-BlockEdge: Blockchain-Edge Framework for Reliable Low-Latency Digital Healthcare Applications. Sensors, 2021, 21, 2502.	3.8	35
10	Decentralized IoT Edge Nanoservice Architecture for Future Gadget-Free Computing. IEEE Access, 2019, 7, 119856-119872.	4.2	34
11	Identity privacy preserving biometric based authentication scheme for Naked healthcare environment. , 2017, , .		33
12	CTHS Based Energy Efficient Thermal Aware Image ALU Design on FPGA. Wireless Personal Communications, 2015, 85, 671-696.	2.7	29
13	IoT's Enable Active Contour Modeling Based Energy Efficient and Thermal Aware Object Tracking on FPGA. Wireless Personal Communications, 2015, 85, 529-543.	2.7	28
14	Towards gadget-free internet services: A roadmap of the Naked world. Telematics and Informatics, 2018, 35, 82-92.	5.8	28
15	The Challenges of Artificial Intelligence in Wireless Networks for the Internet of Things: Exploring Opportunities for Growth. IEEE Industrial Electronics Magazine, 2021, 15, 16-29.	2.6	27
16	Securing Gadget-Free Digital Services. Computer, 2018, 51, 66-77.	1.1	25
17	Performance Evaluation of FIR Filter After Implementation on Different FPGA and SOC and Its Utilization in Communication and Network. Wireless Personal Communications, 2017, 95, 375-389.	2.7	20
18	AGE: authentication in gadget-free healthcare environments. Information Technology and Management, 2020, 21, 95-114.	2.4	18

#	ARTICLE	IF	CITATIONS
19	Performance and Efficiency Optimization of Multi-layer IoT Edge Architecture. , 2020, , .		18
20	SSTL based green image ALU design on different FPGA. , 2013, , .		17
21	Emerging Technologies for Next Generation Remote Health Care and Assisted Living. IEEE Access, 2022, 10, 56094-56132.	4.2	17
22	Thermal Mechanics Based Energy Efficient FIR Filter for Digital Signal Processing. Applied Mechanics and Materials, 0, 612, 65-70.	0.2	16
23	Thermal aware energy efficient bengali unicode reader in Text analysis. , 2014, , .		14
24	Resource-Aware Dynamic Service Deployment for Local IoT Edge Computing: Healthcare Use Case. IEEE Access, 2021, 9, 115868-115884.	4.2	13
25	Simulation of voltage based efficient fire sensor on FPGA using SSTL IO standards. , 2014, , .		12
26	Docker Enabled Virtualized Nanoservices for Local IoT Edge Networks. , 2019, , .		12
27	Capacitance scaling based energy efficient FIR filter for digital signal processing. , 2014, , .		11
28	From gadget to gadget-free hyperconnected world: Conceptual analysis of user privacy challenges. , 2017, , .		11
29	Output load capacitance based low power implementation of UART on FPGA. , 2014, , .		10
30	I/O standard based power optimized processor register design on ultra scale FPGA. , 2014, , .		10
31	SEC-BlockEdge: Security Threats in Blockchain-Edge based Industrial IoT Networks. , 2019, , .		10
32	Capacitance and frequency scaling based energy efficient image inverter design on FPGA. , 2013, , .		7
33	Low Power Devnagari Unicode Checker Design Using CGVS Approach. Advanced Materials Research, 2014, 984-985, 1282-1285.	0.3	6
34	Frequency, Voltage and Temperature Sensor Design for Fire Detection in VLSI Circuit on FPGA. Communications in Computer and Information Science, 2014, , 121-133.	0.5	6
35	I/O standard based thermal/energy efficient green communication for Wi-Fi protected access on FPGA. , 2014, , .		6
36	Simulation of SSTL IO standard based power optimized parallel integrator design on FPGA. , 2014, , .		6

#	ARTICLE	IF	CITATIONS
37	Anatomy and Utilities of an Artificial Intelligence Conversational Entity. , 2015, , .		6
38	Different I/O Standard and Technology Based Thermal Aware Energy Efficient Vedic Multiplier Design for Green Wireless Communication on FPGA. Wireless Personal Communications, 2017, 96, 3139-3158.	2.7	6
39	FPGA Based Low Power DES Algorithm Design and Implementation using HTML Technology. International Journal of Software Engineering and Its Applications, 2016, 10, 81-92.	0.2	5
40	LVC MOS I/O standard and drive strength based energy efficient design on ultra scale FPGA. , 2013, , .		4
41	64 bit green ALU design using clock gating technique on ultra scale FPGA. , 2013, , .		4
42	LVDCI I/O standard based green image ALU design on ultra scale FPGA. , 2013, , .		4
43	Simulation of HSTL IO standard based energy efficient Punjabi Unicode reader on FPGA. , 2014, , .		4
44	Reliable ALU design with optimized voltage and implementation on 28nm FPGA. , 2014, , .		4
45	Performance Evaluation of Mobile Ad Hoc Routing Mechanisms. Wireless Personal Communications, 2015, 85, 377-392.	2.7	4
46	LVC MOS I/O standard based million MHz high performance energy efficient design on FPGA. , 2013, , .		3
47	LVTTL based energy efficient watermark generator design and implementation on FPGA. , 2014, , .		3
48	Simulation of energy efficient Bi-directional Visitor Counting Machine on FPGA. , 2014, , .		3
49	Voltage scaling based green design on ultra scale FPGA. , 2013, , .		2
50	Digitally controlled impedance based green design on ultra scale FPGA. , 2013, , .		2
51	Design of power optimized memory circuit using High Speed Transceiver Logic IO Standard on 28nm Field Programmable Gate Array. , 2014, , .		2
52	Frequency Scaling Based Green Mobile Battery Charge Controller Sensor Design on FPGA. Advanced Materials Research, 2014, 984-985, 1057-1062.	0.3	1
53	Mapping Based Energy Efficient Counter Design on FPGA. Advanced Materials Research, 2014, 984-985, 1085-1088.	0.3	1
54	An Overview of the Security Landscape of Virtual Mobile Networks. IEEE Access, 2021, 9, 169014-169030.	4.2	1

#	ARTICLE	IF	CITATIONS
55	Securing Edge Services for Future Smart Healthcare and Industrial IoT Applications. , 2022, , .		0