

Shakti Singh

List of Publications by Year in descending order

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42
papers

750
citations

516561

16
h-index

552653

26
g-index

42
all docs

42
docs citations

42
times ranked

405
citing authors

#	ARTICLE	IF	CITATIONS
1	SenseChain: A blockchain-based crowdsensing framework for multiple requesters and multiple workers. <i>Future Generation Computer Systems</i> , 2020, 105, 650-664.	4.9	56
2	Bipolar Integrated Circuits in 4H-SiC. <i>IEEE Transactions on Electron Devices</i> , 2011, 58, 1084-1090.	1.6	52
3	Gale-Shapley Matching Game Selection – A Framework for User Satisfaction. <i>IEEE Access</i> , 2019, 7, 3694-3703.	2.6	51
4	GRS: A Group-Based Recruitment System for Mobile Crowd Sensing. <i>Journal of Network and Computer Applications</i> , 2016, 72, 38-50.	5.8	49
5	Multi-worker multi-task selection framework in mobile crowd sourcing. <i>Journal of Network and Computer Applications</i> , 2019, 130, 52-62.	5.8	45
6	An Efficient Vehicle-to-Vehicle (V2V) Energy Sharing Framework. <i>IEEE Internet of Things Journal</i> , 2022, 9, 5315-5328.	5.5	34
7	A stability-based group recruitment system for continuous mobile crowd sensing. <i>Computer Communications</i> , 2018, 119, 1-14.	3.1	31
8	ABCrowd An Auction Mechanism on Blockchain for Spatial Crowdsourcing. <i>IEEE Access</i> , 2020, 8, 12745-12757.	2.6	30
9	Demonstration and Characterization of Bipolar Monolithic Integrated Circuits in 4H-SiC. <i>IEEE Transactions on Electron Devices</i> , 2008, 55, 1946-1953.	1.6	29
10	Data-Driven Dynamic Active Node Selection for Event Localization in IoT Applications - A Case Study of Radiation Localization. <i>IEEE Access</i> , 2019, 7, 16168-16183.	2.6	29
11	The Current Status and the Future Prospects of Surface Passivation in 4H-SiC Transistors. <i>IEEE Transactions on Device and Materials Reliability</i> , 2016, 16, 419-428.	1.5	26
12	SDRS: A stable data-based recruitment system in IoT crowdsensing for localization tasks. <i>Journal of Network and Computer Applications</i> , 2021, 177, 102968.	5.8	26
13	IoT Sensor Selection for Target Localization: A Reinforcement Learning based Approach. <i>Ad Hoc Networks</i> , 2022, 134, 102927.	3.4	23
14	RFLS - Resilient Fault-proof Localization System in IoT and Crowd-based Sensing Applications. <i>Journal of Network and Computer Applications</i> , 2020, 170, 102783.	5.8	22
15	Two-sided preferences task matching mechanisms for blockchain-based crowdsourcing. <i>Journal of Network and Computer Applications</i> , 2021, 191, 103155.	5.8	22
16	A Stable Matching Game for V2V Energy Sharing – A User Satisfaction Framework. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 7601-7613.	4.7	20
17	Target localization using Multi-Agent Deep Reinforcement Learning with Proximal Policy Optimization. <i>Future Generation Computer Systems</i> , 2022, 136, 342-357.	4.9	19
18	Counter-Doped Multizone Junction Termination Extension Structures in Vertical GaN Diodes. <i>IEEE Journal of the Electron Devices Society</i> , 2019, 7, 287-294.	1.2	17

#	ARTICLE	IF	CITATIONS
19	A greedy-proof incentive-compatible mechanism for group recruitment in mobile crowd sensing. Future Generation Computer Systems, 2019, 101, 1158-1167.	4.9	16
20	A Misbehaving-Proof Game Theoretical Selection Approach for Mobile Crowd Sourcing. IEEE Access, 2020, 8, 58730-58741.	2.6	14
21	Direct Electric Vehicle to Vehicle (V2V) Power Transfer Using On-Board Drivetrain and Motor Windings. IEEE Transactions on Industrial Electronics, 2022, 69, 10765-10775.	5.2	14
22	Machine Learning in Mobile Crowd Sourcing: A Behavior-Based Recruitment Model. ACM Transactions on Internet Technology, 2022, 22, 1-28.	3.0	14
23	High Temperature Simulation of 4H-SiC Bipolar Circuits. IEEE Journal of the Electron Devices Society, 2015, 3, 302-305.	1.2	12
24	Design Considerations for 4H-SiC Lateral BJTs for High Temperature Logic Applications. IEEE Journal of the Electron Devices Society, 2018, 6, 126-134.	1.2	11
25	Modeling of High Performance 4H-SiC Emitter Coupled Logic Circuits. Materials Science Forum, 0, 778-780, 1009-1012.	0.3	10
26	Simulation of conventional bipolar logic technologies in 4H-SiC for harsh environment applications. Japanese Journal of Applied Physics, 2016, 55, 04ER08.	0.8	9
27	On-chain behavior prediction Machine Learning model for blockchain-based crowdsourcing. Future Generation Computer Systems, 2022, 136, 170-181.	4.9	9
28	A Mobile Edge-Based CrowdSensing Framework for Heterogeneous IoT. IEEE Access, 2020, 8, 207524-207536.	2.6	8
29	Energy efficient system-on-chip architecture for non-invasive mobile monitoring of diabetics. , 2013, , .		7
30	High performance 4H-SiC emitter coupled logic circuits. , 2013, , .		7
31	Implantation-free edge termination structures in vertical GaN power diodes. Semiconductor Science and Technology, 2020, 35, 065005.	1.0	7
32	Smart-3DM: Data-driven decision making using smart edge computing in hetero-crowdsensing environment. Future Generation Computer Systems, 2022, 131, 151-165.	4.9	7
33	A V2V charging allocation protocol for electric vehicles in VANET. Vehicular Communications, 2021, , 100427.	2.7	6
34	Design and Simulation of a Novel Bipolar Digital Logic Technology for a Balanced Performance in 4H-SiC. IEEE Electron Device Letters, 2016, 37, 257-260.	2.2	5
35	Novel vs Conventional Bipolar Logic Circuit Topologies in 4H-SiC. Materials Science Forum, 2016, 858, 1103-1106.	0.3	4
36	Design and analysis of SRAM cell in 4H-SiC. , 2016, , .		3

#	ARTICLE	IF	CITATIONS
37	Surface passivation method for optimum performance of 4H-SiC devices. , 2016, , .		2
38	A Biometrics-Based Behavioral Trust Framework for Continuous Mobile Crowd Sensing Recruitment. IEEE Access, 2022, 10, 68582-68597.	2.6	2
39	Bipolar SRAM Memory Architecture in 4H-SiC for Harsh Environment Applications. IEEE Transactions on Electron Devices, 2018, 65, 3221-3228.	1.6	1
40	Impact of Misbehaving Devices in Mobile Crowd Sourcing Systems. , 2019, , .		1
41	High performance 4H-SiC emitter coupled logic circuits. , 2013, , .		0
42	Design and Simulation of Bipolar 4H-SiC Memory Architecture for High Temperature Applications. Materials Science Forum, 0, 924, 953-957.	0.3	0