

Shakti Singh

List of Publications by Year in descending order

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42
papers

750
citations

516561

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552653

26
g-index

42
all docs

42
docs citations

42
times ranked

405
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | An Efficient Vehicle-to-Vehicle (V2V) Energy Sharing Framework. IEEE Internet of Things Journal, 2022, 9, 5315-5328. | 5.5 | 34 |
| 2 | A Stable Matching Game for V2V Energy Sharing—A User Satisfaction Framework. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 7601-7613. | 4.7 | 20 |
| 3 | 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 |
| 4 | Machine Learning in Mobile Crowd Sourcing: A Behavior-Based Recruitment Model. ACM Transactions on Internet Technology, 2022, 22, 1-28. | 3.0 | 14 |
| 5 | 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 |
| 6 | On-chain behavior prediction Machine Learning model for blockchain-based crowdsourcing. Future Generation Computer Systems, 2022, 136, 170-181. | 4.9 | 9 |
| 7 | A Biometrics-Based Behavioral Trust Framework for Continuous Mobile Crowd Sensing Recruitment. IEEE Access, 2022, 10, 68582-68597. | 2.6 | 2 |
| 8 | IoT Sensor Selection for Target Localization: A Reinforcement Learning based Approach. Ad Hoc Networks, 2022, 134, 102927. | 3.4 | 23 |
| 9 | Target localization using Multi-Agent Deep Reinforcement Learning with Proximal Policy Optimization. Future Generation Computer Systems, 2022, 136, 342-357. | 4.9 | 19 |
| 10 | SDRS: A stable data-based recruitment system in IoT crowdsensing for localization tasks. Journal of Network and Computer Applications, 2021, 177, 102968. | 5.8 | 26 |
| 11 | Two-sided preferences task matching mechanisms for blockchain-based crowdsourcing. Journal of Network and Computer Applications, 2021, 191, 103155. | 5.8 | 22 |
| 12 | A V2V charging allocation protocol for electric vehicles in VANET. Vehicular Communications, 2021, , 100427. | 2.7 | 6 |
| 13 | SenseChain: A blockchain-based crowdsensing framework for multiple requesters and multiple workers. Future Generation Computer Systems, 2020, 105, 650-664. | 4.9 | 56 |
| 14 | RFLS - Resilient Fault-proof Localization System in IoT and Crowd-based Sensing Applications. Journal of Network and Computer Applications, 2020, 170, 102783. | 5.8 | 22 |
| 15 | A Mobile Edge-Based CrowdSensing Framework for Heterogeneous IoT. IEEE Access, 2020, 8, 207524-207536. | 2.6 | 8 |
| 16 | Implantation-free edge termination structures in vertical GaN power diodes. Semiconductor Science and Technology, 2020, 35, 065005. | 1.0 | 7 |
| 17 | ABCrowd An Auction Mechanism on Blockchain for Spatial Crowdsourcing. IEEE Access, 2020, 8, 12745-12757. | 2.6 | 30 |
| 18 | A Misbehaving-Proof Game Theoretical Selection Approach for Mobile Crowd Sourcing. IEEE Access, 2020, 8, 58730-58741. | 2.6 | 14 |

| # | 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 | Impact of Misbehaving Devices in Mobile Crowd Sourcing Systems. , 2019, , . | | 1 |
| 21 | Data-Driven Dynamic Active Node Selection for Event Localization in IoT Applications - A Case Study of Radiation Localization. IEEE Access, 2019, 7, 16168-16183. | 2.6 | 29 |
| 22 | Counter-Doped Multizone Junction Termination Extension Structures in Vertical GaN Diodes. IEEE Journal of the Electron Devices Society, 2019, 7, 287-294. | 1.2 | 17 |
| 23 | Gale-Shapley Matching Game Selection – A Framework for User Satisfaction. IEEE Access, 2019, 7, 3694-3703. | 2.6 | 51 |
| 24 | Multi-worker multi-task selection framework in mobile crowd sourcing. Journal of Network and Computer Applications, 2019, 130, 52-62. | 5.8 | 45 |
| 25 | A stability-based group recruitment system for continuous mobile crowd sensing. Computer Communications, 2018, 119, 1-14. | 3.1 | 31 |
| 26 | 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 |
| 27 | Bipolar SRAM Memory Architecture in 4H-SiC for Harsh Environment Applications. IEEE Transactions on Electron Devices, 2018, 65, 3221-3228. | 1.6 | 1 |
| 28 | Simulation of conventional bipolar logic technologies in 4H-SiC for harsh environment applications. Japanese Journal of Applied Physics, 2016, 55, 04ER08. | 0.8 | 9 |
| 29 | Surface passivation method for optimum performance of 4H-SiC devices. , 2016, , . | | 2 |
| 30 | Design and analysis of SRAM cell in 4H-SiC. , 2016, , . | | 3 |
| 31 | The Current Status and the Future Prospects of Surface Passivation in 4H-SiC Transistors. IEEE Transactions on Device and Materials Reliability, 2016, 16, 419-428. | 1.5 | 26 |
| 32 | GRS: A Group-Based Recruitment System for Mobile Crowd Sensing. Journal of Network and Computer Applications, 2016, 72, 38-50. | 5.8 | 49 |
| 33 | Novel vs Conventional Bipolar Logic Circuit Topologies in 4H-SiC. Materials Science Forum, 2016, 858, 1103-1106. | 0.3 | 4 |
| 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 | High Temperature Simulation of 4H-SiC Bipolar Circuits. IEEE Journal of the Electron Devices Society, 2015, 3, 302-305. | 1.2 | 12 |
| 36 | Energy efficient system-on-chip architecture for non-invasive mobile monitoring of diabetics. , 2013, , . | | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | High performance 4H-SiC emitter coupled logic circuits. , 2013, , . | | 7 |
| 38 | High performance 4H-SiC emitter coupled logic circuits. , 2013, , . | | 0 |
| 39 | Bipolar Integrated Circuits in 4H-SiC. IEEE Transactions on Electron Devices, 2011, 58, 1084-1090. | 1.6 | 52 |
| 40 | Demonstration and Characterization of Bipolar Monolithic Integrated Circuits in 4H-SiC. IEEE Transactions on Electron Devices, 2008, 55, 1946-1953. | 1.6 | 29 |
| 41 | Modeling of High Performance 4H-SiC Emitter Coupled Logic Circuits. Materials Science Forum, 0, 778-780, 1009-1012. | 0.3 | 10 |
| 42 | Design and Simulation of Bipolar 4H-SiC Memory Architecture for High Temperature Applications. Materials Science Forum, 0, 924, 953-957. | 0.3 | 0 |