# Sohail Iqbal

List of Publications by Year
in descending order

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|---|---|---|---|
| 24 papers | 628 citations | 933447 10 h-index | 1058476 14 g-index |
| 24 all docs | 24 docs citations | 24 times ranked | 810 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Improving Quality of Experience Using Fuzzy Controller for Smart Homes. IEEE Access, 2022, 10, 11892-11908. | 4.2 | 7 |
| 2 | Optimal Fuzzy Energy Trading System in a Fog-Enabled Smart Grid. Energies, 2021, 14, 881. | 3.1 | 9 |
| 3 | MedCloud: Cloud-Based Disease Surveillance and Information Management System. IEEE Access, 2020, 8, 81271-81282. | 4.2 | 3 |
| 4 | Position-based emergency message dissemination for Internet of vehicles. International Journal of Distributed Sensor Networks, 2019, 15, 155014771986158. | 2.2 | 37 |
| 5 | Neuroscience patient identification using big data and fuzzy logic–An Alzheimer's disease case study. Expert Systems With Applications, 2019, 136, 410-425. | 7.6 | 15 |
| 6 | Time Barrier-Based Emergency Message Dissemination in Vehicular Ad-hoc Networks. IEEE Access, 2019, 7, 16494-16503. | 4.2 | 64 |
| 7 | Fuzzy Logic based Enhanced Healthcare System for Elderly People (EHSEP). , 2019, , . | | 0 |
| 8 | Automatic Car Braking System using Fuzzy Logic Controller with Environmental Factors. , 2019, , . | | 4 |
| 9 | Energy Optimization in Smart Buildings using Intelligent Fuzzy Ventilation. , 2019, , . | | 2 |
| 10 | A multi-agent framework for cloud-based management of collaborative robots. International Journal of Advanced Robotic Systems, 2018, 15, 172988141878507. | 2.1 | 3 |
| 11 | Day Ahead Real Time Pricing and Critical Peak Pricing Based Power Scheduling for Smart Homes with Different Duty Cycles. Energies, 2018, 11, 1464. | 3.1 | 44 |
| 12 | IoT Operating System Based Fuzzy Inference System for Home Energy Management System in Smart Buildings. Sensors, 2018, 18, 2802. | 3.8 | 61 |
| 13 | Optimal Residential Load Scheduling Under Utility and Rooftop Photovoltaic Units. Energies, 2018, 11, 611. | 3.1 | 59 |
| 14 | An Efficient Demand Side Management System with a New Optimized Home Energy Management Controller in Smart Grid. Energies, 2018, 11, 190. | 3.1 | 122 |
| 15 | Scheduling Appliances with GA, TLBO, FA, OSR and Their Hybrids Using Chance Constrained Optimization for Smart Homes. Energies, 2018, 11, 888. | 3.1 | 41 |
| 16 | Energy Management With a World-Wide Adaptive Thermostat Using Fuzzy Inference System. IEEE Access, 2018, 6, 33489-33502. | 4.2 | 14 |
| 17 | Energy Efficient Integration of Renewable Energy Sources in the Smart Grid for Demand Side Management. IEEE Access, 2018, 6, 77077-77096. | 4.2 | 120 |
| 18 | Controlling energy consumption with the world-wide adaptive thermostat using fuzzy inference system in smart grid. , 2017, , . | | 4 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | A Hardware Architecture for Difference of Gaussian Calculation in Image Feature Extraction. , 2014, , . | | 6 |
| 20 | Analysis of Weather Forecasting Model in PRISM. , 2014, , . | | 4 |
| 21 | Control of robotic arm manipulator with haptic feedback using programmable system on chip. , 2014, , . | | 6 |
| 22 | Deriving mechanical properties from CT scan for surgical simulation. , 2013, , . | | 1 |
| 23 | Multiple leaf nodes based parse trees for News Fetching Systems. , 2012, , . | | 1 |
| 24 | Low cost tactile, force and size feedback system for surgical robotics. , 2012, , . | | 1 |