

Qurat UI Ain

Lab Engineer

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About

Dr. Qurat UI Ain is working as Lab Engineer in the School of Electrical Engineering and Computer Science. Dr. Qurat UI Ain has published 9 research articles & conference papers having a citation count of 15, carried out 0 projects and filed 0 intellectual property.

Qualifications

MS in Electrical Engineering NUST, Islamabad , Pakistan	2015 - 2018
BSc in Electrical Engineering UET Lahore , Pakistan	2011 - 2015

Experience

Lab Engineer School of Electrical Engineering and Computer Science	2021- Present
Lab Engineer School of Electrical Engineering and Computer Science	2019 - 2019
	- Present

Research Articles

Improving Quality of Experience Using Fuzzy Controller for Smart Homes <i>Qurat UI Ain Muhammad Sohail Iqbal Hamid Mukhtar</i> <i>IEEE Access</i> , Volume:10, Page:11892-11908 Impact Factor: 3.476 Quartile: 2 Citations: 15 DOI: 10.1109/ACCESS.2021.3096208	2022
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- A Design of 5.8 GHz RF-DC Converter for Energy Harvesting Applications** 2022
Muhammad Basim Qurat ul Ain Syed Adil Ali Shah Young Gun Pu Kang Yoon Lee
2022 IEEE International Conference on Consumer Electronics-Asia, ICCE-Asia 2022, res.country(121,)
Citations: N/A
DOI: 10.1109/ICCE-Asia57006.2022.9954798
- A Design of high-efficiency Constant On-Time Control DC-DC Buck Converter for Power Management integrated circuits** 2022
Qurat ul Ain Muhammad Basim Syed Adil Ali Shah Kang Yoon Lee
International SoC Design Conference 2022, ISOCC 2022, res.country(121,)
Citations: N/A
DOI: 10.1109/ISOCC56007.2022.10031355
- A Design of a Power-Up Circuit for Energy Harvesting Applications** 2022
Muhammad Basim Qurat ul Ain Khuram Shehzad Syed Adil Ali Shah Young Gun Pu Kang Yoon Lee
37th International Technical Conference on Circuits/Systems, Computers and Communications, res.country(121,)
Citations: N/A
DOI: 10.1109/ITC-CSCC55581.2022.9895079
- A High-Efficiency Rectifier with bootstrapping technique for Wireless Power Transfer System** 2021
Qurat ul Ain Danial Khan Muhammad Basim Kang Yoon Lee
2021 IEEE International Conference on Consumer Electronics-Asia, ICCE-Asia 2021, res.country(121,)
Citations: N/A
DOI: 10.1109/ICCE-Asia53811.2021.9641954
- A High Efficient RF-DC Converter for RF Energy Harvesting Applications** 2020
Muhammad Basim Danial Khan Qurat ul Ain Khuram Shehzad Muhammad Asif Kang Yoon Lee
International SoC Design Conference, ISOCC 2020, res.country(121,)
Citations: N/A
DOI: 10.1109/ISOCC50952.2020.9333117
- Design of Current Sensor in COT DC-DC Converter for IoT applications** 2020
Qurat ul Ain Danial Khan Muhammad Basim Kang Yoon Lee
International SoC Design Conference, ISOCC 2020, res.country(121,)
Citations: N/A
DOI: 10.1109/ISOCC50952.2020.9332937
- Design of a High Performance RF Energy Harvester for Wide Input Power Range** 2019
Muhammad Basim Danial Khan Qurat ul Ain Khuram Shehzad Muhammad Asif Muhammad Ali Kang Yoon Lee
2019 International SoC Design Conference, ISOCC 2019, res.country(121,)
Citations: N/A
DOI: 10.1109/ISOCC47750.2019.9027680
- Design of a High Performance Bandgap Reference with a stable DC variation in Power Management IC's Applications** 2018
Qurat ul Ain Danial Khan Young Jun Park Kang Yoon Lee
2018 International SoC Design Conference, (ISOCC), res.country(121,)
Citations: N/A
DOI: Nil