

# Labonnah Farzana Rahman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/817026/publications.pdf>

Version: 2024-02-01

33  
papers

241  
citations

1040056

9  
h-index

1058476

14  
g-index

34  
all docs

34  
docs citations

34  
times ranked

135  
citing authors

#	ARTICLE	IF	CITATIONS
1	Traceability of Sustainability and Safety in Fishery Supply Chain Management Systems Using Radio Frequency Identification Technology. <i>Foods</i> , 2021, 10, 2265.	4.3	30
2	Design Trends in Fully Integrated 2.4 GHz CMOS SPDT Switches. <i>Current Nanoscience</i> , 2014, 10, 334-343.	1.2	23
3	Designing a Ring-VCO for RFID Transponders in 0.18 $\mu\text{m}$ CMOS Process. <i>Scientific World Journal, The</i> , 2014, 2014, 1-6.	2.1	16
4	Design of High Speed and Low Offset Dynamic Latch Comparator in 0.18 $\mu\text{m}$ CMOS Process. <i>PLoS ONE</i> , 2014, 9, e108634.	2.5	15
5	A High-Speed and Low-Offset Dynamic Latch Comparator. <i>Scientific World Journal, The</i> , 2014, 2014, 1-8.	2.1	15
6	High-Speed Current $dq$ PI Controller for Vector Controlled PMSM Drive. <i>Scientific World Journal, The</i> , 2014, 2014, 1-9.	2.1	15
7	A machine learning approach to predict the activity of smart home inhabitant. <i>Journal of Ambient Intelligence and Smart Environments</i> , 2021, 13, 271-283.	1.4	12
8	Design of an EEPROM in RFID tag: Employing mapped EPC and IPv6 address. , 2010, , .		11
9	A Time Series Based Sequence Prediction Algorithm to Detect Activities of Daily Living in Smart Home. <i>Methods of Information in Medicine</i> , 2015, 54, 262-270.	1.2	11
10	A compact transmit/receive switch for 2.4 GHz reader-less active RFID tag transceiver. <i>Journal of Central South University</i> , 2015, 22, 546-551.	3.0	10
11	Design Topologies of a CMOS Charge Pump Circuit for Low Power Applications. <i>Electronics (Switzerland)</i> , 2021, 10, 676.	3.1	9
12	Developing an Ensembled Machine Learning Prediction Model for Marine Fish and Aquaculture Production. <i>Sustainability</i> , 2021, 13, 9124.	3.2	9
13	Digital Modulator and Demodulator IC for RFID Tag Employing DSSS and Barker Code. <i>Journal of Applied Research and Technology</i> , 2012, 10, .	0.9	9
14	Design of Low-Cost Transimpedance Amplifier for Optical Receiver. <i>Transactions on Electrical and Electronic Materials</i> , 2018, 19, 7-13.	1.9	7
15	Implementation of Sense Amplifier in 0.18- $\mu\text{m}$ CMOS Process. <i>Elektronika Ir Elektrotechnika</i> , 2012, 120, .	0.8	7
16	The evolution of digital to analog converter. , 2016, , .		5
17	Hardware Approach of Two Way Conversion of Floating Point to Fixed Point for Current $dq$ PI Controller of FOC PMSM Drive. <i>Elektronika Ir Elektrotechnika</i> , 2012, 123, .	0.8	5
18	Design of a nanoswitch in 130 nm CMOS technology for 2.4 GHz wireless terminals. <i>Bulletin of the Polish Academy of Sciences: Technical Sciences</i> , 2014, 62, 399-406.	0.8	4

#	ARTICLE	IF	CITATIONS
19	High Performance CMOS Charge Pumps for Phase-locked Loop. Transactions on Electrical and Electronic Materials, 2015, 16, 241-249.	1.9	4
20	A low power and low ripple CMOS high voltage generator for RFID transponder EEPROM. PLoS ONE, 2020, 15, e0225408.	2.5	3
21	Assessment of health risks and individuals'™ willingness to participate in drinking water management at flood-prone Pahang River Basin, Malaysia. Environmental Geochemistry and Health, 2021, 43, 2049-2063.	3.4	3
22	Application of Machine Learning to Investigate the Impact of Climatic Variables on Marine Fish Landings. The National Academy of Sciences, India, 2022, 45, 245-248.	1.3	3
23	Differential ring oscillator based voltage control oscillator for readerless RFID transponder. , 2012, , .		2
24	Design of a low voltage charge pump circuit for RFID tag. , 2012, , .		2
25	FPGA Based Precise and High Speed Current dq PI Controller for FOC PMSM Drive. Current Nanoscience, 2014, 10, 394-401.	1.2	2
26	Evaluation of Low Power and High Speed CMOS Current Comparators. Transactions on Electrical and Electronic Materials, 2016, 17, 317-328.	1.9	2
27	Low power consumption techniques of quartz crystal oscillator. , 2016, , .		1
28	Design and Implementation of a Low Supply Voltage Voltage Type Sense Amplifier with Low Current Consumption for RFID Transponder. Automatika, 2013, 54, 210-216.	2.0	0
29	Design of a digital modulator and demodulator for reader-less RFID Tag in 0.18 Åµm CMOS process. Acta Scientiarum - Technology, 2013, 35, .	0.4	0
30	Cmos spdt switch for wlan applications. IOP Conference Series: Materials Science and Engineering, 2015, 78, 012011.	0.6	0
31	Design of low power crystal oscillator in 0.131¼m CMOS technology. , 2016, , .		0
32	Design of a row decoder for RFID transponder EEPROM. , 2016, , .		0
33	Design of Low Power and Low Phase Noise Current Starved Ring Oscillator for RFID Tag EEPROM. Informacije MIDEM, 0, , 19-23.	0.2	0