Mohammad Faisal Amir

List of Publications by Year
in descending order

		2258059	2053705
12	**89**	**3**	**5**
papers	citations	h-index	g-index
12	**12**	**12**	**112**
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	3-D Stacked Image Sensor With Deep Neural Network Computation. IEEE Sensors Journal, 2018, 18, 4187-4199.	4.7	30
2	Ultra-low power electronics with Si/Ge tunnel FET. , 2014, , .		16
3	CAMEL: An Adaptive Camera With Embedded Machine Learning-Based Sensor Parameter Control. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2019, 9, 498-508.	3.6	13
4	A Single-Chip Image Sensor Node With Energy Harvesting From a CMOS Pixel Array. IEEE Transactions on Circuits and Systems I: Regular Papers, 2017, 64, 2295-2307.	5.4	11
5	3D Stacked High Throughput Pixel Parallel Image Sensor with Integrated ReRAM Based Neural Accelerator. , 2018, , .		8
6	Reverse Power Delivery Network for Wireless Power Transfer. IEEE Microwave and Wireless Components Letters, 2018, 28, 624-626.	3.2	4
7	Effect of Process Variations in Digital Pixel Circuits on the Accuracy of DNN based Smart Sensor. , 2020, , .		3
8	Cross-Layer Noise Analysis in Smart Digital Pixel Sensors With Integrated Deep Neural Network. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2020, 10, 444-457.	3.6	2
9	Ultra-low power electronics with Si/Ge tunnel FET. , 2014, , .		1
10	Reconfigurable 96×128 active pixel sensor with 2.1μW/mm^2 power generation and regulated multi-domain power delivery for self-powered imaging. , 2016, , .		1
11	A tunnel-FET SRAM array for energy-efficient embedded memory blocks in reconfigurable computing platforms. , 2014, , .		0
12	An Image Sensor SOC with Energy Harvesting Mixed-Vth Pixel Generating 5.8μW/mm2 Power Density and 0.77 Frames/second Self-Powered Frame Rate. , 2018, , .		0