

Salahuddin Raju

List of Publications by Year in descending order

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17
papers

665
citations

1478505

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1281871

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17
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17
docs citations

17
times ranked

1232
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling of Mutual Coupling Between Planar Inductors in Wireless Power Applications. IEEE Transactions on Power Electronics, 2014, 29, 481-490.	7.9	276
2	Carrier Type Control of WSe ₂ Field-Effect Transistors by Thickness Modulation and MoO ₃ Layer Doping. Advanced Functional Materials, 2016, 26, 4223-4230.	14.9	167
3	Self-Driven Metal-Semiconductor-Metal WSe ₂ Photodetector with Asymmetric Contact Geometries. Advanced Functional Materials, 2018, 28, 1802954.	14.9	131
4	Silicon-Embedded Receiving Coil for High-Efficiency Wireless Power Transfer to Implantable Biomedical ICs. IEEE Electron Device Letters, 2013, 34, 9-11.	3.9	44
5	Simultaneous Magnetic Resonance Wireless Power and High-Speed Data Transfer System With Cascaded Equalizer for Variable Channel Compensation. IEEE Transactions on Power Electronics, 2019, 34, 11594-11604.	7.9	13
6	Efficient wireless power transmission technology based on above-CMOS integrated (ACI) high quality inductors. , 2014, , .		8
7	Interconnect Technology With h-BN-Capped Air-Gaps. IEEE Electron Device Letters, 2019, 40, 1876-1879.	3.9	6
8	Ultralow- ϵ Dielectric With Nanotubes Assisted Vertically Aligned Cylindrical Pores. IEEE Electron Device Letters, 2016, 37, 1493-1496.	3.9	5
9	Low Power Phase Change Memory With Vertical Carbon Nanotube Electrode. IEEE Journal of the Electron Devices Society, 2017, 5, 362-366.	2.1	5
10	Air-Gap Technology With a Large Void-Fraction for Global Interconnect Delay Reduction. IEEE Transactions on Electron Devices, 2021, 68, 5078-5084.	3.0	5
11	Prototyping of Terahertz Metasurface by One-Step Lithographically Defined Templating. IEEE Photonics Technology Letters, 2018, 30, 971-974.	2.5	2
12	Carbon nanotube enhanced CMOS interconnect. , 2016, , .		1
13	On-Demand Band-Rejected Wideband Antenna Based on Peelable Resonator Membrane. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 2339-2343.	4.0	1
14	Low-Loss RF Passive Elements by Top-Metal Air-Gap Technology. , 2022, , .		1
15	Efficient on-chip wireless power transmission (invited paper). , 2015, , .		0
16	Modeling of on-chip wireless power transmission system (invited paper). , 2015, , .		0
17	Ultra-Low-k interlayer dielectric for post-moore CMOS interconnect. , 2017, , .		0