

Siddhartha Ghosh

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

280
citations

1478280

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docs citations

21
times ranked

329
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated Microwave Photonic Subsystems. , 2021, , .		1
2	Reflective Grating Array Based Delay Lines in Thin Film Lithium Niobate on Insulator. , 2021, , .		0
3	Acousto-optic modulation in lithium niobate on silicon nitride heterogeneous waveguides. , 2021, , .		3
4	A 3-Port Circulator Based on Non-Reciprocal Acoustoelectric Delay Lines. , 2020, , .		12
5	Low-loss Thin Film Lithium Niobate Bonded on Silicon Nitride Waveguides. , 2020, , .		9
6	Analog Coupled Oscillator Based Weighted Ising Machine. Scientific Reports, 2019, 9, 14786.	1.6	98
7	Acoustoelectric amplification of Rayleigh waves in low sheet density AlGaN/GaN heterostructures on sapphire. Applied Physics Letters, 2019, 114, .	1.5	23
8	FDSOI on Lithium Niobate Using Al ₂ O ₃ Wafer-Bonding for Acoustoelectric RF Microdevices. , 2019, , .		11
9	RF Oscillators Based on Piezoelectrically Driven Optical Modulation. IEEE Transactions on Electron Devices, 2018, 65, 1391-1396.	1.6	0
10	SAW Correlators in LiNbO ₃ and GaN on Sapphire. , 2018, , .		14
11	Nonreciprocal acoustoelectric interaction of surface waves and fluorine plasma-treated AlGaN/GaN 2DEG. , 2017, , .		10
12	Acoustic wave transduction in gallium nitride heterostructures. , 2017, , .		0
13	Laterally vibrating resonator based elasto-optic modulation in aluminum nitride. APL Photonics, 2016, 1, .	3.0	28
14	Elasto-optic modulator integrated in high frequency piezoelectric MEMS resonator. , 2016, , .		3
15	Integrated piezoelectrically driven acousto-optic modulator. , 2015, , .		1
16	Piezoelectrically-actuated opto-acoustic oscillator. , 2015, , .		1
17	Piezoelectric actuation of aluminum nitride contour mode optomechanical resonators. Optics Express, 2015, 23, 15477.	1.7	18
18	Lithium Niobate on Insulator (LNOI) Grating Couplers. , 2015, , .		11

#	ARTICLE	IF	CITATIONS
19	Photonic microdisk resonators in aluminum nitride. Journal of Applied Physics, 2013, 113, .	1.1	14
20	Aluminum nitride grating couplers. Applied Optics, 2012, 51, 3763.	0.9	23
21	Grating Couplers and Ring Resonator in Aluminum Nitride. , 2012, , .		0