

# Siddhartha Ghosh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1781622/publications.pdf>

Version: 2024-02-01

21  
papers

280  
citations

1478505

6  
h-index

1872680

6  
g-index

21  
all docs

21  
docs citations

21  
times ranked

329  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analog Coupled Oscillator Based Weighted Ising Machine. Scientific Reports, 2019, 9, 14786.	3.3	98
2	Laterally vibrating resonator based elasto-optic modulation in aluminum nitride. APL Photonics, 2016, 1, .	5.7	28
3	Aluminum nitride grating couplers. Applied Optics, 2012, 51, 3763.	1.8	23
4	Acoustoelectric amplification of Rayleigh waves in low sheet density AlGaN/GaN heterostructures on sapphire. Applied Physics Letters, 2019, 114, .	3.3	23
5	Piezoelectric actuation of aluminum nitride contour mode optomechanical resonators. Optics Express, 2015, 23, 15477.	3.4	18
6	Photonic microdisk resonators in aluminum nitride. Journal of Applied Physics, 2013, 113, .	2.5	14
7	SAW Correlators in LiNbO3 and GaN on Sapphire. , 2018, , .		14
8	A 3-Port Circulator Based on Non-Reciprocal Acoustoelectric Delay Lines. , 2020, , .		12
9	Lithium Niobate on Insulator (LNOI) Grating Couplers. , 2015, , .		11
10	FDSOI on Lithium Niobate Using Al2O3 Wafer-Bonding for Acoustoelectric RF Microdevices. , 2019, , .		11
11	Nonreciprocal acoustoelectric interaction of surface waves and fluorine plasma-treated AlGaN/GaN 2DEG. , 2017, , .		10
12	Low-loss Thin Film Lithium Niobate Bonded on Silicon Nitride Waveguides. , 2020, , .		9
13	Elasto-optic modulator integrated in high frequency piezoelectric MEMS resonator. , 2016, , .		3
14	Acousto-optic modulation in lithium niobate on silicon nitride heterogeneous waveguides. , 2021, , .		3
15	Integrated piezoelectrically driven acousto-optic modulator. , 2015, , .		1
16	Piezoelectrically-actuated opto-acoustic oscillator. , 2015, , .		1
17	Integrated Microwave Photonic Subsystems. , 2021, , .		1
18	Grating Couplers and Ring Resonator in Aluminum Nitride. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
19	Acoustic wave transduction in gallium nitride heterostructures. , 2017, , .		0
20	RF Oscillators Based on Piezoelectrically Driven Optical Modulation. IEEE Transactions on Electron Devices, 2018, 65, 1391-1396.	3.0	0
21	Reflective Grating Array Based Delay Lines in Thin Film Lithium Niobate on Insulator. , 2021, , .		0