

Gaurang Ravindra Bhatt

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

663
citations

1040056

9
h-index

1372567

10
g-index

18
all docs

18
docs citations

18
times ranked

884
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-loss composite photonic platform based on 2D semiconductor monolayers. Nature Photonics, 2020, 14, 256-262.	31.4	140
2	Reconfigurable nanophotonic silicon probes for sub-millisecond deep-brain optical stimulation. Nature Biomedical Engineering, 2020, 4, 223-231.	22.5	101
3	Integrated near-field thermo-photovoltaics for heat recycling. Nature Communications, 2020, 11, 2545.	12.8	85
4	Chip-scale blue light phased array. Optics Letters, 2020, 45, 1934.	3.3	93
5	Integrated Graphene Electro-Optic Modulator on Si3N4 with Increasing Bandwidth at Cryogenic Temperatures. , 2020, , .		0
6	High-performance integrated graphene electro-optic modulator at cryogenic temperature. Nanophotonics, 2020, 10, 99-104.	6.0	26
7	Composite photonic platform based on 2D semiconductor monolayers. , 2019, , .		2
8	Chip-scale Blue Phased Array. , 2019, , .		1
9	Broadband enhancement of thermal radiation. Optics Express, 2019, 27, A818.	3.4	0
10	An Active Visible Nanophotonics Platform for Sub-Millisecond Deep Brain Neural Stimulation. , 2018, , .		1
11	Giant electro-refractive modulation of monolayer WS2 embedded in photonic structures. , 2018, , .		3
12	Near-field thermo-photovoltaic platform. , 2018, , .		0
13	Hot Carrier-Based Near-Field Thermophotovoltaic Energy Conversion. ACS Nano, 2017, 11, 3001-3009.	14.6	64
14	High-performance near-field thermophotovoltaics for waste heat recovery. Nano Energy, 2017, 41, 344-350.	16.0	115
15	Broadband enhancement of thermal emission. , 2017, , .		0
16	Improvement of polarization extinction in silicon waveguide devices. Optics Communications, 2012, 285, 2067-2070.	2.1	15
17	Dispersion-Free SOI Interleaver for DWDM Applications. Journal of Lightwave Technology, 2012, 30, 140-146.	4.6	16
18	Demonstration of ITU channel interleaver in SOI with large cross section single mode waveguides. Proceedings of SPIE, 2011, , .	0.8	1