

Sishir Bhowmick

List of Publications by Year in descending order

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11
papers

230
citations

1478505

6
h-index

1588992

8
g-index

11
all docs

11
docs citations

11
times ranked

370
citing authors

#	ARTICLE	IF	CITATIONS
1	Solid State Electrically Injected Exciton-Polariton Laser. Physical Review Letters, 2013, 110, 206403.	7.8	159
2	A quantum dot rolled-up microtube directional coupler. Applied Physics Letters, 2012, 101, .	3.3	15
3	Threshold Characteristics of Quantum Dot Rolled-Up Microtube Lasers. IEEE Journal of Quantum Electronics, 2012, 48, 927-933.	1.9	13
4	Dielectric scaling of a top gate silicon nanowire on insulator transistor. Journal of Applied Physics, 2008, 104, .	2.5	12
5	Quantum dot rolled-up microtube optoelectronic integrated circuit. Optics Letters, 2013, 38, 1685.	3.3	11
6	Effects of source-drain underlaps on the performance of silicon nanowire on insulator transistors. Nano-Micro Letters, 2010, 2, 83-88.	27.0	8
7	Polariton emission characteristics of a modulation-doped multi-quantum-well microcavity diode. Applied Physics Letters, 2012, 101, 131112.	3.3	5
8	Effect of magnetic field on polariton emission characteristics of a quantum-well microcavity diode. Applied Physics Letters, 2012, 100, 171106.	3.3	4
9	Cross-sectional shape effects on the electronic properties of Silicon nanowires. , 2008, , .		2
10	The effects of doping, gate length, and gate dielectric on inverse subthreshold slope and on/off current ratio of a top gate silicon nanowire transistor. , 2008, , .		1
11	Effects of gate length on the performance of a top gate silicon nanowire on insulator (SOI) transistor. , 2008, , .		0