

# Saniya Deshpande

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6109238/publications.pdf>

Version: 2024-02-01

15  
papers

1,030  
citations

840776

11  
h-index

1199594

12  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1528  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrically driven polarized single-photon emission from an InGaN quantum dot in a GaN nanowire. Nature Communications, 2013, 4, 1675.	12.8	192
2	Demonstration of universal parametric entangling gates on a multi-qubit lattice. Science Advances, 2018, 4, eaao3603.	10.3	181
3	Monolithic Electrically Injected Nanowire Array Edge-Emitting Laser on (001) Silicon. Nano Letters, 2014, 14, 4535-4541.	9.1	177
4	Room Temperature Electrically Injected Polariton Laser. Physical Review Letters, 2014, 112, 236802.	7.8	173
5	Electrically pumped single-photon emission at room temperature from a single InGaN/GaN quantum dot. Applied Physics Letters, 2014, 105, .	3.3	83
6	Formation and Nature of InGaN Quantum Dots in GaN Nanowires. Nano Letters, 2015, 15, 1647-1653.	9.1	58
7	Blue single photon emission up to 200â€‰K from an InGaN quantum dot in AlGaIn nanowire. Applied Physics Letters, 2013, 102, .	3.3	52
8	Site-Controlled Growth of Monolithic InGaAs/InP Quantum Well Nanopillar Lasers on Silicon. Nano Letters, 2017, 17, 2697-2702.	9.1	33
9	An electrically driven quantum dot-in-nanowire visible single photon source operating up to 150â€‰K. Applied Physics Letters, 2013, 103, .	3.3	28
10	Ultracompact Position-Controlled InP Nanopillar LEDs on Silicon with Bright Electroluminescence at Telecommunication Wavelengths. ACS Photonics, 2017, 4, 695-702.	6.6	26
11	GaAs-based high temperature electrically pumped polariton laser. Applied Physics Letters, 2014, 104, .	3.3	15
12	Small-signal modulation characteristics of a polariton laser. Scientific Reports, 2015, 5, 11915.	3.3	8
13	A monolithic InGaIn/GaN disk-in-nanowire electrically pumped edge-emitting green (&#x03BB;&#x003D;533 nm) laser on (001) silicon. , 2014, , .		3
14	Room temperature strong coupling effects and polariton lasing under electrical injection. , 2014, , .		1
15	Room temperature electrically injected In<inf>0.4</inf>Ga<inf>0.6</inf>N/GaN quantum-dot visible (&#x03BB;&#x003D;620 nm) single photon source. , 2014, , .		0