

# Ipshita Datta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8083321/publications.pdf>

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14  
papers

583  
citations

1478505

6  
h-index

1872680

6  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1197  
citing authors

#	ARTICLE	IF	CITATIONS
1	How lasing happens in CsPbBr <sub>3</sub> perovskite nanowires. Nature Communications, 2019, 10, 265.	12.8	168
2	Low-loss composite photonic platform based on 2D semiconductor monolayers. Nature Photonics, 2020, 14, 256-262.	31.4	140
3	Chip-scale blue light phased array. Optics Letters, 2020, 45, 1934.	3.3	93
4	Integrated near-field thermo-photovoltaics for heat recycling. Nature Communications, 2020, 11, 2545.	12.8	85
5	High carrier mobility in graphene doped using a monolayer of tungsten oxyselenide. Nature Electronics, 2021, 4, 731-739.	26.0	41
6	Design Methodology for Optical Interconnect Topologies in NoCs With BER and Transmit Power Constraints. Journal of Lightwave Technology, 2014, 32, 163-175.	4.6	13
7	Integrated photonics for NASA applications. , 2019, , .		11
8	Performance evaluation of reliability aware photonic Network-on-Chip architectures. , 2012, , .		8
9	Resonance-free Light Recycling in Waveguides. , 2017, , .		7
10	Integrated Graphene Electro-Optic Phase Modulator. , 2017, , .		7
11	BER-based power budget evaluation for optical interconnect topologies in NoCs. , 2012, , .		4
12	Giant electro-refractive modulation of monolayer WS <sub>2</sub> embedded in photonic structures. , 2018, , .		3
13	Efficient Pure Phase Optical Modulator Based on Strongly Over-Coupled Resonators. , 2019, , .		1
14	Chip-scale Blue Phased Array. , 2019, , .		1