

# Ayan Das

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11832417/publications.pdf>

Version: 2024-02-01

14  
papers

845  
citations

933447

10  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

1235  
citing authors

#	ARTICLE	IF	CITATIONS
1	GaAs-based high temperature electrically pumped polariton laser. Applied Physics Letters, 2014, 104, .	3.3	15
2	Room Temperature Electrically Injected Polariton Laser. Physical Review Letters, 2014, 112, 236802.	7.8	173
3	Room temperature strong coupling effects and polariton lasing under electrical injection. , 2014, , .		1
4	Electrically driven polarized single-photon emission from an InGaN quantum dot in a GaN nanowire. Nature Communications, 2013, 4, 1675.	12.8	192
5	Solid State Electrically Injected Exciton-Polariton Laser. Physical Review Letters, 2013, 110, 206403.	7.8	159
6	Polariton Bose-Einstein condensate at room temperature in an Al(Ga)N nanowire-dielectric microcavity with a spatial potential trap. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2735-2740.	7.1	19
7	Blue single photon emission up to 200 K from an InGaN quantum dot in AlGaIn nanowire. Applied Physics Letters, 2013, 102, .	3.3	52
8	Room temperature strong coupling effects from single ZnO nanowire microcavity. Optics Express, 2012, 20, 11830.	3.4	24
9	Polariton emission characteristics of a modulation-doped multi-quantum-well microcavity diode. Applied Physics Letters, 2012, 101, 131112.	3.3	5
10	Dynamic polariton condensation in a single GaN nanowire-dielectric microcavity. Physical Review B, 2012, 85, .	3.2	11
11	Effect of magnetic field on polariton emission characteristics of a quantum-well microcavity diode. Applied Physics Letters, 2012, 100, 171106.	3.3	4
12	Room Temperature Ultralow Threshold GaN Nanowire Polariton Laser. Physical Review Letters, 2011, 107, 066405.	7.8	161
13	Quantum dot polarized light sources. Semiconductor Science and Technology, 2011, 26, 014002.	2.0	20
14	An electrically injected quantum dot spin polarized single photon source. Applied Physics Letters, 2010, 96, .	3.3	9