

Ayan Das

List of Publications by Year in descending order

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14
papers

845
citations

933447

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1125743

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14
docs citations

14
times ranked

1235
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	Room Temperature Electrically Injected Polariton Laser. Physical Review Letters, 2014, 112, 236802.	7.8	173
3	Room Temperature Ultralow Threshold GaN Nanowire Polariton Laser. Physical Review Letters, 2011, 107, 066405.	7.8	161
4	Solid State Electrically Injected Exciton-Polariton Laser. Physical Review Letters, 2013, 110, 206403.	7.8	159
5	Blue single photon emission up to 200K from an InGaN quantum dot in AlGaIn nanowire. Applied Physics Letters, 2013, 102, .	3.3	52
6	Room temperature strong coupling effects from single ZnO nanowire microcavity. Optics Express, 2012, 20, 11830.	3.4	24
7	Quantum dot polarized light sources. Semiconductor Science and Technology, 2011, 26, 014002.	2.0	20
8	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
9	GaAs-based high temperature electrically pumped polariton laser. Applied Physics Letters, 2014, 104, .	3.3	15
10	Dynamic polariton condensation in a single GaN nanowire-dielectric microcavity. Physical Review B, 2012, 85, .	3.2	11
11	An electrically injected quantum dot spin polarized single photon source. Applied Physics Letters, 2010, 96, .	3.3	9
12	Polariton emission characteristics of a modulation-doped multi-quantum-well microcavity diode. Applied Physics Letters, 2012, 101, 131112.	3.3	5
13	Effect of magnetic field on polariton emission characteristics of a quantum-well microcavity diode. Applied Physics Letters, 2012, 100, 171106.	3.3	4
14	Room temperature strong coupling effects and polariton lasing under electrical injection. , 2014, , .		1