Aniruddha Bhattacharya

List of Publications by Year
in descending order

12 papers	125 citations	1307594 7 h-index	1474206 9 g-index
12 all docs	12 docs citations	12 times ranked	239 citing authors

#	Article	IF	Citations
1	Exact k -body representation of the Jaynes-Cummings interaction in the dressed basis: Insight into many-body phenomena with light. Physical Review A, 2021, 104, .	2.5	7
2	Optical and interface characteristics of Al0.56Ga0.44N/Al0.62Ga0.38N multiquantum wells with âˆ¼280â€¯nm emission grown by plasma-assisted molecular beam epitaxy. Journal of Crystal Growth, 2019, 508, 66-71.	1.5	6
3	A dominant electron trap in molecular beam epitaxial InAlN lattice-matched to GaN. Journal Physics D: Applied Physics, 2018, 51, 14LT01.	2.8	2
4	Spin-injection-induced gain anisotropy in a polariton diode laser. Physical Review B, 2018, 97, .	3.2	0
5	Room Temperature GaN-Based Edge-Emitting Spin-Polarized Light Emitting Diode. IEEE Photonics Technology Letters, 2017, 29, 338-341.	2.5	18
6	Room-Temperature Spin Polariton Diode Laser. Physical Review Letters, 2017, 119, 067701.	7.8	34
7	The role of defects in lowering the effective polariton temperature in electric and optically pumped polariton lasers. Applied Physics Letters, 2016, 108, 041102.	3.3	9
8	Electrical spin injection and detection of spin precession in room temperature bulk GaN lateral spin valves. Applied Physics Letters, 2016, 108, .	3.3	27
9	Linearly and circularly polarized ultraviolet GaN microcavity polariton lasers. , 2016, , .		0
10	Output polarization characteristics of a GaN microcavity diode polariton laser. Physical Review B, 2016, 94, .	3.2	13
11	0.5â€“1.3 Âµm III-nitride lasers and light emitting diodes epitaxially grown on (001) silicon. , 2015, , .		0
12	Optical constants of In_xGa_1â^'xN (0 â‰¤ x â‰¤ 073) in the visible and near-infrared wavelength regimes. Optics Letters, 2015, 40, 3304.	3.3	9