

Aref Chowdhury

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

648
citations

1040056

9
h-index

1372567

10
g-index

14
all docs

14
docs citations

14
times ranked

573
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | GaN nanotip pyramids formed by anisotropic etching. Journal of Applied Physics, 2003, 94, 650-653. | 2.5 | 163 |
| 2 | Second-harmonic generation in periodically poled GaN. Applied Physics Letters, 2003, 83, 1077-1079. | 3.3 | 154 |
| 3 | Experimental demonstration of 1535-1555-nm simultaneous optical wavelength interchange with a nonlinear photonic crystal. Optics Letters, 2001, 26, 1353. | 3.3 | 65 |
| 4 | Long Wave-Short Wave Resonance in Nonlinear Negative Refractive Index Media. Physical Review Letters, 2008, 100, 153905. | 7.8 | 65 |
| 5 | Simultaneous optical wavelength interchange with a two-dimensional second-order nonlinear photonic crystal. Optics Letters, 2000, 25, 832. | 3.3 | 64 |
| 6 | Optical phase conjugation and pseudolinear transmission. Optics Letters, 2004, 29, 1105. | 3.3 | 51 |
| 7 | Patterning GaN Microstructures by Polarity-Selective Chemical Etching. Japanese Journal of Applied Physics, 2003, 42, L1405-L1407. | 1.5 | 46 |
| 8 | Optical CDMA Code Wavelength Conversion Using PPLN to Improve Transmission Security. IEEE Photonics Technology Letters, 2009, 21, 383-385. | 2.5 | 18 |
| 9 | Nonlinear wave mixing and susceptibility properties of negative refractive index materials. Physical Review E, 2007, 75, 016603. | 2.1 | 11 |
| 10 | Low loss GaN at 1550nm. Applied Physics Letters, 2005, 87, 132107. | 3.3 | 10 |
| 11 | Experimental Demonstration of Simultaneous Optical Wavelength Interchange with a Nonlinear Photonic Crystal. , 2001, , . | | 1 |
| 12 | Electron Field Emission from GaN Nanotip Pyramids. Materials Research Society Symposia Proceedings, 2003, 798, 407. | 0.1 | 0 |
| 13 | Optical Wavelength Interchange Based on Nonlinear Photonic Crystals. , 2001, , . | | 0 |
| 14 | Optical Phase Conjugation and Pseudolinear Transmission at 40 Gb/s. , 2004, , . | | 0 |