

Jiamang Che

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2690592/publications.pdf>

Version: 2024-02-01

11
papers

96
citations

1478505

6
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

100
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Polarization Self-Screened Multiple Quantum Wells for Deep Ultraviolet Light-Emitting Diodes to Enhance the Optical Power. IEEE Photonics Journal, 2021, 13, 1-5. | 2.0 | 8 |
| 2 | On the impact of a metal-insulator-semiconductor structured n-electrode for AlGaIn-based DUV LEDs. Applied Optics, 2021, 60, 11222. | 1.8 | 4 |
| 3 | Advantage of SiO ₂ Intermediate Layer on the Electron Injection for Ti/n-Al _{0.60} Ga _{0.40} N Structure. IEEE Transactions on Electron Devices, 2020, 67, 3548-3552. | 3.0 | 2 |
| 4 | Doping-induced energy barriers to improve the current spreading effect for AlGaIn-based ultraviolet-B light-emitting diodes. IEEE Electron Device Letters, 2020, , 1-1. | 3.9 | 15 |
| 5 | On the Impact of Electron Leakage on the Efficiency Droop for AlGaIn Based Deep Ultraviolet Light Emitting Diodes. IEEE Photonics Journal, 2020, 12, 1-7. | 2.0 | 12 |
| 6 | Modulating the Layer Resistivity by Band-Engineering to Improve the Current Spreading for DUV LEDs. IEEE Photonics Technology Letters, 2019, 31, 1201-1204. | 2.5 | 11 |
| 7 | Influence of an Insulator Layer on the Charge Transport in a Metal/Insulator/AlGaIn Structure. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1800810. | 1.8 | 5 |
| 8 | Interplay between various active regions and the interband transition for AlGaIn-based deep-ultraviolet light-emitting diodes to enable a reduced TM-polarized emission. Journal of Applied Physics, 2019, 126, 245702. | 2.5 | 9 |
| 9 | On the Carrier Transport for InGaIn/GaN Core-Shell Nanorod Green Light-Emitting Diodes. IEEE Nanotechnology Magazine, 2019, 18, 176-182. | 2.0 | 5 |
| 10 | On the polarization self-screening effect in multiple quantum wells for nitride-based near ultraviolet light-emitting diodes. Chinese Optics Letters, 2019, 17, 122301. | 2.9 | 3 |
| 11 | On the p-AlGaIn/n-AlGaIn/p-AlGaIn Current Spreading Layer for AlGaIn-based Deep Ultraviolet Light-Emitting Diodes. Nanoscale Research Letters, 2018, 13, 355. | 5.7 | 22 |