

Marcin Zajac

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6119743/publications.pdf>

Version: 2024-02-01

11
papers

252
citations

1307594

7
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

216
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Basic ammonothermal growth of Gallium Nitride – State of the art, challenges, perspectives. Progress in Crystal Growth and Characterization of Materials, 2018, 64, 63-74. | 4.0 | 82 |
| 2 | Vacancy–hydrogen complexes in ammonothermal GaN. Journal of Crystal Growth, 2014, 403, 114-118. | 1.5 | 42 |
| 3 | Vacancy defects in bulk ammonothermal GaN crystals. Journal of Crystal Growth, 2010, 312, 2620-2623. | 1.5 | 40 |
| 4 | Iron and manganese as dopants used in the crystallization of highly resistive HVPE-GaN on native seeds. Japanese Journal of Applied Physics, 2019, 58, SC1047. | 1.5 | 23 |
| 5 | Self-compensation of carbon in HVPE-GaN:C. Applied Physics Letters, 2020, 117, . | 3.3 | 21 |
| 6 | The effect of annealing on photoluminescence from defects in ammonothermal GaN. Journal of Applied Physics, 2022, 131, . | 2.5 | 12 |
| 7 | Carbon and Manganese in Semi-Insulating Bulk GaN Crystals. Materials, 2022, 15, 2379. | 2.9 | 9 |
| 8 | Defect-related photoluminescence from ammono GaN. Journal of Applied Physics, 2021, 129, 095703. | 2.5 | 8 |
| 9 | Electrical transport properties of highly doped N-type GaN materials. Semiconductor Science and Technology, 2022, 37, 055012. | 2.0 | 6 |
| 10 | p-type conductivity in GaN:Zn monocrystals grown by ammonothermal method. Journal of Applied Physics, 2021, 129, . | 2.5 | 5 |
| 11 | Pulsed photo-ionization spectroscopy of traps in as-grown and neutron irradiated ammonothermally synthesized GaN. Scientific Reports, 2019, 9, 1473. | 3.3 | 4 |