

Kazuki Tani

List of Publications by Year in descending order

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6
papers

55
citations

1684188

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1872680

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all docs

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docs citations

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55
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | On-chip optical interconnection using integrated germanium light emitters and photodetectors. Optics Express, 2021, 29, 28021. | 3.4 | 16 |
| 2 | Enhanced room-temperature electroluminescence from a germanium waveguide on a silicon-on-insulator diode with a silicon nitride stressor. Optics Express, 2021, 29, 3584. | 3.4 | 6 |
| 3 | Analysis of stress distribution in microfabricated germanium with external stressors for enhancement of light emission. Optics Express, 2020, 28, 38267. | 3.4 | 5 |
| 4 | Room-temperature direct band-gap electroluminescence from germanium (111)-fin light-emitting diodes. Japanese Journal of Applied Physics, 2017, 56, 032102. | 1.5 | 2 |
| 5 | Improvement of crystallinity by post-annealing and regrowth of Ge layers on Si substrates. Thin Solid Films, 2014, 550, 509-514. | 1.8 | 16 |
| 6 | Improvement of photoluminescence from Ge layer with patterned Si ₃ N ₄ stressors. Thin Solid Films, 2014, 557, 355-362. | 1.8 | 10 |