

Wen Pengyan

List of Publications by Year in descending order

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11
papers

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1478505

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1474206

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11
all docs

11
docs citations

11
times ranked

128
citing authors

#	ARTICLE	IF	CITATIONS
1	Significant increase of quantum efficiency of green InGaN quantum well by realizing step-flow growth. Applied Physics Letters, 2017, 111, 112102.	3.3	15
2	Investigation of InGaN/GaN laser degradation based on luminescence properties. Journal of Applied Physics, 2016, 119, .	2.5	14
3	Green laser diodes with low operation voltage obtained by suppressing carbon impurity in AlGaN: Mg cladding layer. Physica Status Solidi C: Current Topics in Solid State Physics, 2016, 13, 245-247.	0.8	9
4	Investigation of rapid degradation in GaN-based blue laser diodes. Superlattices and Microstructures, 2016, 99, 72-76.	3.1	8
5	Total-InGaN-thickness dependent Shockley-Read-Hall recombination lifetime in InGaN quantum wells. Journal of Applied Physics, 2020, 127, .	2.5	8
6	Asymmetrical quantum well degradation of InGaN/GaN blue laser diodes characterized by photoluminescence. Applied Physics Letters, 2017, 111, 212102.	3.3	7
7	Enhanced temperature characteristic of InGaN/GaN laser diodes with uniform multiple quantum wells. Semiconductor Science and Technology, 2015, 30, 125015.	2.0	6
8	Degradation study of InGaN-based laser diodes grown on Si. Journal Physics D: Applied Physics, 2020, 53, 395103.	2.8	5
9	Rapid degradation of InGaN/GaN green laser diodes. Superlattices and Microstructures, 2020, 142, 106517.	3.1	4
10	Catastrophic Degradation of InGaN/GaN Blue Laser Diodes. IEEE Transactions on Device and Materials Reliability, 2016, 16, 638-641.	2.0	3
11	Strain-Related Degradation of GaN-Based Blue Laser Diodes. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-5.	2.9	0