

Matthew J Davies

List of Publications by Year in descending order

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8
papers

58
citations

1684188
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1588992
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8
docs citations

8
times ranked

136
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | A study of the inclusion of prelayers in InGaN/GaN single and multiple quantum well structures. Physica Status Solidi (B): Basic Research, 2015, 252, 866-872. | 1.5 | 16 |
| 2 | Effects of an InGaN prelayer on the properties of InGaN/GaN quantum well structures. Physica Status Solidi C: Current Topics in Solid State Physics, 2014, 11, 710-713. | 0.8 | 10 |
| 3 | The effects of varying threading dislocation density on the optical properties of InGaN/GaN quantum wells. Physica Status Solidi C: Current Topics in Solid State Physics, 2014, 11, 750-753. | 0.8 | 10 |
| 4 | Room temperature PL efficiency of InGaN/GaN quantum well structures with prelayers as a function of number of quantum wells. Physica Status Solidi C: Current Topics in Solid State Physics, 2016, 13, 248-251. | 0.8 | 7 |
| 5 | Carrier distributions in InGaN/GaN light emitting diodes. Physica Status Solidi (B): Basic Research, 2015, 252, 890-894. | 1.5 | 6 |
| 6 | A study of the optical and polarisation properties of InGaN/GaN multiple quantum wells grown on a-plane and m-plane GaN substrates. Science and Technology of Advanced Materials, 2016, 17, 736-743. | 6.1 | 5 |
| 7 | Dynamics of carrier redistribution processes in InGaN/GaN quantum well structures. Physica Status Solidi C: Current Topics in Solid State Physics, 2014, 11, 738-741. | 0.8 | 2 |
| 8 | High excitation density recombination dynamics in InGaN/GaN quantum well structures in the droop regime. Physica Status Solidi C: Current Topics in Solid State Physics, 2014, 11, 694-697. | 0.8 | 2 |