

Tim Batten

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

327
citations

1307594

7
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

886
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlling the Orientation, Edge Geometry, and Thickness of Chemical Vapor Deposition Graphene. ACS Nano, 2013, 7, 1351-1359.	14.6	182
2	Thick, Adherent Diamond Films on AlN with Low Thermal Barrier Resistance. ACS Applied Materials & Interfaces, 2019, 11, 40826-40834.	8.0	45
3	Substrate-directed formation of calcium carbonate fibres. Journal of Materials Chemistry, 2009, 19, 387-398.	6.7	31
4	Improved thermal management for GaN power electronics: Silver diamond composite packages. Microelectronics Reliability, 2012, 52, 3022-3025.	1.7	18
5	Single-crystalline B12As2 on m-plane (11 $\bar{1}$ 00) α -15R-SiC. Applied Physics Letters, 2008, 92, .	3.3	13
6	Optical characterization of magnesium incorporation in p-GaN layers for core-shell nanorod light-emitting diodes. Journal Physics D: Applied Physics, 2018, 51, 155103.	2.8	11
7	Coaxial nanowires as plasmon-mediated remote nanosensors. Nanoscale, 2018, 10, 6437-6444.	5.6	9
8	Sub-Micron Spatial Resolution in Far-Field Raman Imaging Using Positivity-Constrained Super-Resolution. Applied Spectroscopy, 2019, 73, 902-909.	2.2	6
9	Nanoscale Spatial Resolution in Far-Field Raman Imaging Using Hyperspectral Unmixing in Combination with Positivity Constrained Super-Resolution. Applied Spectroscopy, 2020, 74, 780-790.	2.2	4
10	Decoupling of epitaxial graphene via gold intercalation probed by dispersive Raman spectroscopy. Journal of Applied Physics, 2015, 117, 183103.	2.5	3
11	Characterising Strain/Stress and Defects in SiC Wafers Using Raman Imaging. Materials Science Forum, 0, 821-823, 229-232.	0.3	3
12	Reliability Assessment of a New Power Electronics Packaging Material: Silver Diamond Composite. Journal of Microelectronics and Electronic Packaging, 2013, 10, 54-58.	0.7	1
13	Non-destructive imaging of residual strains in GaN and their effect on optical and electrical properties using correlative light-electron microscopy. Journal of Applied Physics, 2022, 131, 075303.	2.5	1