

Julian Barnett

List of Publications by Year in descending order

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papers

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1478505
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docs citations

7
times ranked

88
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of low-confinement surface phonon polariton launching on SiC and SrTiO ₃ using scanning near-field optical microscopy. Applied Physics Letters, 2022, 120, .	3.3	8
2	Local inhomogeneities resolved by scanning probe techniques and their impact on local 2DEG formation in oxide heterostructures. Nanoscale Advances, 2021, 3, 4145-4155.	4.6	2
3	Far-Infrared Near-Field Optical Imaging and Kelvin Probe Force Microscopy of Laser-Crystallized and -Amorphized Phase Change Material Ge ₃ Sb ₂ Te ₆ . Nano Letters, 2021, 21, 9012-9020.	9.1	12
4	Phonon-Enhanced Near-Field Spectroscopy to Extract the Local Electronic Properties of Buried 2D Electron Systems in Oxide Heterostructures. Advanced Functional Materials, 2020, 30, 2004767.	14.9	8
5	Highly periodic Au nano-disc arrays for plasmon-resonant SERS structures on fused silica using UV-NIL based double-layer lift-off process. Microelectronic Engineering, 2017, 172, 45-48.	2.4	6
6	New Organic Photo-Curable Nanoimprint Resist α -mr-NIL210 for High Volume Fabrication Applying Soft PDMS-Based Stamps. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2017, 30, 605-611.	0.3	10
7	UV-NIL based nanostructuring of aluminum using a novel organic imprint resist demonstrated for 100nm half-pitch wire grid polarizer. Microelectronic Engineering, 2016, 155, 118-121.	2.4	10