

Evan L H Thomas

List of Publications by Year in descending order

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18
papers

516
citations

759233

12
h-index

888059

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19
all docs

19
docs citations

19
times ranked

608
citing authors

#	ARTICLE	IF	CITATIONS
1	Electropositive Nanodiamond-Coated Quartz Microfiber Membranes for Virus and Dye Filtration. ACS Applied Nano Materials, 2021, 4, 3252-3261.	5.0	12
2	Contact resistance of various metallisation schemes to superconducting boron doped diamond between 1.9 and 300ÅK. Carbon, 2021, 179, 13-19.	10.3	4
3	Thick, Adherent Diamond Films on AlN with Low Thermal Barrier Resistance. ACS Applied Materials & Interfaces, 2019, 11, 40826-40834.	8.0	45
4	Superconducting Diamond on Silicon Nitride for Device Applications. Scientific Reports, 2019, 9, 2911.	3.3	23
5	Chemical Mechanical Polishing of Nanocrystalline Diamond. Topics in Applied Physics, 2019, , 53-89.	0.8	0
6	Hybrid Diamond/Silicon Suspended Integrated Photonic Platform using SF6 Isotropic Etching. , 2019, , .		0
7	A simple, space constrained NIRIM type reactor for chemical vapour deposition of diamond. AIP Advances, 2018, 8, .	1.3	7
8	Redox agent enhanced chemical mechanical polishing of thin film diamond. Carbon, 2018, 130, 25-30.	10.3	40
9	Air-clad suspended nanocrystalline diamond ridge waveguides. Optics Express, 2018, 26, 13883.	3.4	7
10	Effect of slurry composition on the chemical mechanical polishing of thin diamond films. Science and Technology of Advanced Materials, 2017, 18, 654-663.	6.1	28
11	Surface Zeta Potential and Diamond Seeding on Gallium Nitride Films. ACS Omega, 2017, 2, 7275-7280.	3.5	33
12	Spectroscopic Ellipsometry of Nanocrystalline Diamond Film Growth. ACS Omega, 2017, 2, 6715-6727.	3.5	18
13	Chemical Nucleation of Diamond Films. ACS Applied Materials & Interfaces, 2016, 8, 26220-26225.	8.0	24
14	Investigating the Broadband Microwave Absorption of Nanodiamond Impurities. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 4110-4118.	4.6	22
15	Microwave determination of sp ² carbon fraction in nanodiamond powders. Carbon, 2015, 81, 174-178.	10.3	32
16	Silica based polishing of {100} and {111} single crystal diamond. Science and Technology of Advanced Materials, 2014, 15, 035013.	6.1	43
17	Chemical mechanical polishing of thin film diamond. Carbon, 2014, 68, 473-479.	10.3	121
18	Coherent anti-Stokes Raman scattering microscopy of single nanodiamonds. Nature Nanotechnology, 2014, 9, 940-946.	31.5	56