

Evan L H Thomas

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

516
citations

759233

12
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

608
citing authors

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