

Edward Cazalas

List of Publications by Year in descending order

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11
papers

118
citations

1684188

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h-index

1720034

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11
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11
docs citations

11
times ranked

242
citing authors

#	ARTICLE	IF	CITATIONS
1	Position-dependent and millimetre-range photodetection in phototransistors with micrometre-scale graphene on SiC. Nature Nanotechnology, 2017, 12, 668-674.	31.5	55
2	Hysteretic response of chemical vapor deposition graphene field effect transistors on SiC substrates. Applied Physics Letters, 2013, 103, 053123.	3.3	18
3	Position sensitivity of graphene field effect transistors to X-rays. Applied Physics Letters, 2015, 106, .	3.3	15
4	Gamma-ray radiation effects in graphene-based transistors with h-BN nanometer film substrates. Applied Physics Letters, 2019, 115, .	3.3	9
5	Modulation of graphene field effect by heavy charged particle irradiation. Applied Physics Letters, 2016, 109, .	3.3	7
6	Spatial resolution and efficiency of microchannel plate detectors with neutron converter films. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 767, 421-425.	1.6	4
7	Graphene field effect transistor-based detectors for detection of ionizing radiation. , 2013, , .		3
8	Detection of light, X-rays, and gamma rays using graphene field effect transistors fabricated on SiC, CdTe, and AlGaAs/GaAs substrates. , 2013, , .		3
9	Graphene-based neutron detectors. , 2011, , .		2
10	Retrieval and Characterization of a Plutonium-beryllium Source at the University of Utah. Health Physics, 2022, Publish Ahead of Print, 480-487.	0.5	2
11	Field effect photoconductivity in graphene on undoped semiconductor substrates. , 2018, , .		0