

Elias Garratt

List of Publications by Year in descending order

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422
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#	ARTICLE	IF	CITATIONS
1	Strategies to anode protection in lithium metal battery: A review. <i>InformaÄnÄ-MateriÄly</i> , 2021, 3, 1333-1363.	17.3	140
2	Rapid Wafer-Scale Growth of Polycrystalline 2H-MoS ₂ by Pulsed Metal-Organic Chemical Vapor Deposition. <i>Chemistry of Materials</i> , 2017, 29, 6279-6288.	6.7	68
3	Efficient electrophoretic deposition of MXene/reduced graphene oxide flexible electrodes for all-solid-state supercapacitors. <i>Journal of Energy Storage</i> , 2021, 33, 102070.	8.1	25
4	A comprehensive study on fused filament fabrication of Ti-6Al-4V structures. <i>Additive Manufacturing</i> , 2020, 34, 101256.	3.0	19
5	Effect of bias and hydrogenation on the elemental concentration and the thermal stability of amorphous thin carbon films, deposited on Si substrate. <i>Diamond and Related Materials</i> , 2009, 18, 1333-1337.	3.9	10
6	Utilizing Fused Filament Fabrication for Printing Iron Cores for Electrical Devices. <i>3D Printing and Additive Manufacturing</i> , 2020, 7, 279-287.	2.9	10
7	Indium Tin Oxide Film Characteristics for Cathodic Stripping Voltammetry. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 16991-17000.	8.0	9
8	Chip-Scale Droop-Free Fin Light-Emitting Diodes Using Facet-Selective Contacts. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 44663-44672.	8.0	9
9	Ion-Induced Defects in Graphite: A Combined Kelvin Probe and Raman Microscopy Investigation. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1900055.	1.8	8
10	Defect Evolution of Ion-Exposed Single-Wall Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2019, 123, 2496-2505.	3.1	4
11	Surface-Directed Nanoepitaxy on a Surface with an Irregular Lattice. <i>Advanced Materials Interfaces</i> , 2016, 3, 1500598.	3.7	3
12	Observation and Impact of a "Surface Skin Effect" on Lateral Growth of Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2017, 121, 14845-14853.	3.1	2
13	Depth profiling of nitrogen within ¹⁵ N-incorporated nano-crystalline diamond thin films. <i>Applied Physics Letters</i> , 2013, 103, 131602.	3.3	1