

Yining Feng

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

707
citations

1039406

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996533

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docs citations

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1313
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyborosilazane derived ceramics - Nitrogen sulfur dual doped graphene nanocomposite anode for enhanced lithium ion batteries. <i>Electrochimica Acta</i> , 2019, 296, 925-937.	2.6	198
2	Tuning polyaniline nanostructures via end group substitutions and their morphology dependent electrochemical performances. <i>Polymer</i> , 2018, 156, 128-135.	1.8	141
3	Metal oxides for thermoelectric power generation and beyond. <i>Advanced Composites and Hybrid Materials</i> , 2018, 1, 114-126.	9.9	98
4	Reviewâ€”The Current and Emerging Applications of the III-Nitrides. <i>ECS Journal of Solid State Science and Technology</i> , 2017, 6, Q149-Q156.	0.9	72
5	Investigating process-structure relations of ZnO nanofiber via electrospinning method. <i>Composites Part B: Engineering</i> , 2017, 116, 40-45.	5.9	60
6	Strengthened epoxy resin with hyperbranched polyamine-ester anchored graphene oxide via novel phase transfer approach. <i>Advanced Composites and Hybrid Materials</i> , 2018, 1, 300-309.	9.9	51
7	Strain-stress study of Al _x Ga _{1-x} N/AlN heterostructures on c-plane sapphire and related optical properties. <i>Scientific Reports</i> , 2019, 9, 10172.	1.6	24
8	Temperature dependent thermoelectric properties of cuprous delafossite oxides. <i>Composites Part B: Engineering</i> , 2019, 156, 108-112.	5.9	23
9	Conformal heat energy harvester on Steam4 pipelines for powering IoT sensors. <i>Energy Conversion and Management</i> , 2021, 244, 114487.	4.4	9
10	The use of strain to tailor electronic thermoelectric transport properties: A first principles study of 2H-phase CuAlO ₂ . <i>Journal of Applied Physics</i> , 2019, 125, 082531.	1.1	7
11	Temperature-dependent Optical Properties of AlN Thin Films by Spectroscopy Ellipsometry. <i>MRS Advances</i> , 2017, 2, 323-328.	0.5	6
12	(Invited) The III-Nitrides as a Universal Compound Semiconductor Material: A Review. <i>ECS Transactions</i> , 2017, 77, 3-21.	0.3	5
13	High-Performance Conformal Thermoelectric Generator for Environmental Monitoring. <i>ACS Applied Electronic Materials</i> , 2022, 4, 197-205.	2.0	5
14	Meta Concrete: Exploring Novel Functionality of Concrete Using Nanotechnology. <i>Engineered Science</i> , 2020, , .	1.2	4
15	The use of strain and grain boundaries to tailor phonon transport properties: A first-principles study of 2H-phase CuAlO ₂ . II. <i>Journal of Applied Physics</i> , 2020, 127, .	1.1	2