

Yining Feng

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

707
citations

1040056

9
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

1313
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Performance Conformal Thermoelectric Generator for Environmental Monitoring. ACS Applied Electronic Materials, 2022, 4, 197-205.	4.3	5
2	Conformal heat energy harvester on Steam4 pipelines for powering IoT sensors. Energy Conversion and Management, 2021, 244, 114487.	9.2	9
3	The use of strain and grain boundaries to tailor phonon transport properties: A first-principles study of 2H-phase CuAlO ₂ . II. Journal of Applied Physics, 2020, 127, .	2.5	2
4	Meta Concrete: Exploring Novel Functionality of Concrete Using Nanotechnology. Engineered Science, 2020, , .	2.3	4
5	Temperature dependent thermoelectric properties of cuprous delafossite oxides. Composites Part B: Engineering, 2019, 156, 108-112.	12.0	23
6	Strain-stress study of Al _x Ga _{1-x} N/AlN heterostructures on c-plane sapphire and related optical properties. Scientific Reports, 2019, 9, 10172.	3.3	24
7	The use of strain to tailor electronic thermoelectric transport properties: A first principles study of 2H-phase CuAlO ₂ . Journal of Applied Physics, 2019, 125, 082531.	2.5	7
8	Polyborosilazane derived ceramics - Nitrogen sulfur dual doped graphene nanocomposite anode for enhanced lithium ion batteries. Electrochimica Acta, 2019, 296, 925-937.	5.2	198
9	Metal oxides for thermoelectric power generation and beyond. Advanced Composites and Hybrid Materials, 2018, 1, 114-126.	21.1	98
10	Strengthened epoxy resin with hyperbranched polyamine-ester anchored graphene oxide via novel phase transfer approach. Advanced Composites and Hybrid Materials, 2018, 1, 300-309.	21.1	51
11	Tuning polyaniline nanostructures via end group substitutions and their morphology dependent electrochemical performances. Polymer, 2018, 156, 128-135.	3.8	141
12	Investigating process-structure relations of ZnO nanofiber via electrospinning method. Composites Part B: Engineering, 2017, 116, 40-45.	12.0	60
13	Temperature-dependent Optical Properties of AlN Thin Films by Spectroscopy Ellipsometry. MRS Advances, 2017, 2, 323-328.	0.9	6
14	(Invited) The III-Nitrides as a Universal Compound Semiconductor Material: A Review. ECS Transactions, 2017, 77, 3-21.	0.5	5
15	Reviewâ€”The Current and Emerging Applications of the III-Nitrides. ECS Journal of Solid State Science and Technology, 2017, 6, Q149-Q156.	1.8	72