

# Yining Feng

## List of Publications by Year in descending order

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15  
papers

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1039406

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996533

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docs citations

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1313  
citing authors

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