

# Jun-Wen Ren

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

664  
citations

759055

12  
h-index

580701

25  
g-index

29  
all docs

29  
docs citations

29  
times ranked

423  
citing authors

#	ARTICLE	IF	CITATIONS
1	Infiltration behavior of copper melt into porous graphite and saturation improvement by WC particles doping. <i>Composite Interfaces</i> , 2022, 29, 294-310.	1.3	0
2	A combination of aramid nanofiber and silver nanoparticle decorated boron nitride for the preparation of a composite film with superior thermally conductive performance. <i>Composite Interfaces</i> , 2022, 29, 447-463.	1.3	19
3	Mechanically strong and thermally conductive paper made from aramid nanofiber and fluorinated graphene with excellent dielectric properties. <i>Composite Interfaces</i> , 2022, 29, 659-673.	1.3	5
4	Simultaneously improved thermal conductivity and mechanical properties of boron nitride nanosheets/aramid nanofiber films by constructing multilayer gradient structure. <i>Composites Part B: Engineering</i> , 2022, 229, 109454.	5.9	60
5	Research on the Temperature Rise Characteristics of <sc>Medium Voltage</sc> Switchgear under Different Operation Conditions. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2022, 17, 654-664.	0.8	6
6	Thermal shock resistance enhancement by improved interfacial bonding for carbon/aluminium composites. <i>High Voltage</i> , 2022, 7, 960-967.	2.7	0
7	Significant improvement of the thermal conductivity and dielectric properties of cyanoethyl cellulose films by introducing barium titanate decorated boron nitride nanosheet. <i>Materials Letters</i> , 2022, , 132588.	1.3	4
8	Biomimetic Nacreous Composite Films toward Multipurpose Application Structured by Aramid Nanofibers and Edge-Hydroxylated Boron Nitride Nanosheets. <i>Industrial &amp; Engineering Chemistry Research</i> , 2022, 61, 8881-8894.	1.8	21
9	Synchronously improved thermal conductivity and dielectric constant for epoxy composites by introducing functionalized silicon carbide nanoparticles and boron nitride microspheres. <i>Journal of Colloid and Interface Science</i> , 2022, 627, 205-214.	5.0	36
10	Highly thermally conductive liquid metal-based composites with superior thermostability for thermal management. <i>Journal of Materials Chemistry C</i> , 2021, 9, 2904-2911.	2.7	110
11	Property Failure of Silicone Rubber Caused by Silicone Grease Absorption. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2021, 28, 326-332.	1.8	5
12	Research on Fault Vibration Signal Features of <sc>GIS</sc> Disconnecter Based on <sc>EEMD</sc> and Kurtosis Criterion. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2021, 16, 677-686.	0.8	10
13	Highly Thermally Conductive Fluorinated Graphene/Aramid Nanofiber Films with Superior Mechanical Properties and Thermostability. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 8451-8459.	1.8	17
14	Ultra-Robust Thermoconductive Films Made from Aramid Nanofiber and Boron Nitride Nanosheet for Thermal Management Application. <i>Polymers</i> , 2021, 13, 2028.	2.0	6
15	The effect of thermal shock temperature difference on the structural, dynamics and mechanical properties of carbon materials characterized by ultrasonic test technology. <i>Journal of Materials Science</i> , 2021, 56, 18522-18533.	1.7	6
16	Robust Biomimetic Nacreous Aramid Nanofiber Composite Films with Ultrahigh Thermal Conductivity by Introducing Graphene Oxide and Edge-Hydroxylated Boron Nitride Nanosheet. <i>Nanomaterials</i> , 2021, 11, 2544.	1.9	8
17	Synergistic Enhanced Thermal Conductivity and Dielectric Constant of Epoxy Composites with Mesoporous Silica Coated Carbon Nanotube and Boron Nitride Nanosheet. <i>Materials</i> , 2021, 14, 5251.	1.3	8
18	Bioinspired Dielectric Film with Superior Mechanical Properties and Ultrahigh Electric Breakdown Strength Made from Aramid Nanofibers and Alumina Nanoplates. <i>Polymers</i> , 2021, 13, 3093.	2.0	5

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19	High-temperature dielectric paper with high thermal conductivity and mechanical strength by engineering the aramid nanofibers and boron nitride nanotubes. <i>Materials and Design</i> , 2021, 210, 110124.	3.3	34
20	Study on Temperature Rise Characteristics of GIS Disconnecter Under Different Operating Conditions. <i>IEEE Transactions on Power Delivery</i> , 2021, 36, 3601-3610.	2.9	12
21	Research on Magnetic Field Distribution between Electrodes in Vacuum Interrupter. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2020, 15, 1591-1603.	0.8	3
22	Modeling and simulation of the influence of contact structure on the characteristics of high current vacuum arc plasma. <i>Physics of Plasmas</i> , 2020, 27, .	0.7	5
23	Aqueous-Phase Exfoliation and Functionalization of Boron Nitride Nanosheets Using Tannic Acid for Thermal Management Applications. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 16273-16282.	1.8	37
24	Thermally conductive, mechanically strong dielectric film made from aramid nanofiber and edge-hydroxylated boron nitride nanosheet for thermal management applications. <i>Composite Interfaces</i> , 2020, , 1-14.	1.3	12
25	Synergistic Enhanced Thermal Conductivity of Epoxy Composites with Boron Nitride Nanosheets and Microspheres. <i>Journal of Physical Chemistry C</i> , 2020, 124, 12723-12733.	1.5	71
26	Enhanced thermal conductivity of epoxy composites by introducing graphene@boron nitride nanosheets hybrid nanoparticles. <i>Materials and Design</i> , 2020, 191, 108663.	3.3	111
27	3D modeling and simulation of high-current vacuum arc subjected to real external transverse magnetic field. <i>Physics of Plasmas</i> , 2020, 27, .	0.7	5
28	Curing Reaction of Benzoxazine Under High Pressure and the Effect on Thermal Resistance of Polybenzoxazine. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1800340.	1.1	34
29	Effects of enhanced hydrogen bonding on the mechanical properties of poly (vinyl alcohol)/carbon nanotubes nanocomposites. <i>Composite Interfaces</i> , 2018, 25, 205-219.	1.3	14