

Mingxing Piao

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

440
citations

687363

13
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

780
citing authors

#	ARTICLE	IF	CITATIONS
1	Increasing the thermoelectric power generated by composite films using chemically functionalized single-walled carbon nanotubes. Carbon, 2013, 62, 430-437.	10.3	59
2	Hydrothermal synthesis of stable metallic 1T phase WS ₂ nanosheets for thermoelectric application. Nanotechnology, 2018, 29, 025705.	2.6	50
3	Effect of chemical treatment on the thermoelectric properties of single walled carbon nanotube networks. Physica Status Solidi (B): Basic Research, 2012, 249, 2353-2356.	1.5	45
4	Effect of Intertube Junctions on the Thermoelectric Power of Monodispersed Single Walled Carbon Nanotube Networks. Journal of Physical Chemistry C, 2014, 118, 26454-26461.	3.1	43
5	Triethanolamine doped multilayer MoS ₂ field effect transistors. Physical Chemistry Chemical Physics, 2017, 19, 13133-13139.	2.8	36
6	Preparation and characterization of expanded graphite polymer composite films for thermoelectric applications. Physica Status Solidi (B): Basic Research, 2013, 250, 2529-2534.	1.5	34
7	Directly deposited graphene nanowalls on carbon fiber for improving the interface strength in composites. Applied Physics Letters, 2016, 108, .	3.3	34
8	Effect of Graphene Nanowall Size on the Interfacial Strength of Carbon Fiber Reinforced Composites. Nanomaterials, 2018, 8, 414.	4.1	24
9	Crystal phase control synthesis of metallic 1T-WS ₂ nanosheets incorporating single walled carbon nanotubes to construct superior microwave absorber. Journal of Alloys and Compounds, 2020, 815, 152335.	5.5	21
10	Thermoelectric properties of single walled carbon nanotube networks in polycarbonate matrix. Physica Status Solidi (B): Basic Research, 2013, 250, 1468-1473.	1.5	20
11	Hydrothermal Synthesis of Stable 1T-WS ₂ and Single-Walled Carbon Nanotube Hybrid Flexible Thin Films with Enhanced Thermoelectric Performance. Energy Technology, 2018, 6, 1921-1928.	3.8	18
12	Evaluation of power generated by thermoelectric modules comprising a p-type and n-type single walled carbon nanotube composite paper. RSC Advances, 2015, 5, 78099-78103.	3.6	17
13	Constructing of Co nanosheets decorating with WS ₂ nanoclusters for enhanced electromagnetic wave absorption. Journal of Alloys and Compounds, 2022, 912, 165269.	5.5	15
14	Influence of chemical treatment on the electrical conductivity and thermopower of expanded graphite foils. Physica Status Solidi C: Current Topics in Solid State Physics, 2013, 10, 1183-1187.	0.8	8
15	Microwave plasma assisted reduction synthesis of hexagonal cobalt nanosheets with enhanced electromagnetic performances. Nanotechnology, 2019, 30, 495601.	2.6	7
16	Influence of chemical functionalization on the thermoelectric properties of monodispersed single-walled carbon nanotubes. Journal of Materials Science, 2018, 53, 7648-7656.	3.7	5
17	Electrical percolation characteristics of metallic single-walled carbon nanotube networks by vacancy evolution. Physical Chemistry Chemical Physics, 2014, 16, 18370.	2.8	4
18	Low frequency noise reduction in multilayer WSe ₂ field effect transistors. , 2015, , .		0