Mingxing Piao

List of Publications by Year
in descending order

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	Constructing of Co nanosheets decorating with WS2 nanoclusters for enhanced electromagnetic wave absorption. Journal of Alloys and Compounds, 2022, 912, 165269.	5.5	15
2	Crystal phase control synthesis of metallic 1T-WS2 nanosheets incorporating single walled carbon nanotubes to construct superior microwave absorber. Journal of Alloys and Compounds, 2020, 815, 152335.	5.5	21
3	Microwave plasma assisted reduction synthesis of hexagonal cobalt nanosheets with enhanced electromagnetic performances. Nanotechnology, 2019, 30, 495601.	2.6	7
4	Hydrothermal Synthesis of Stable 1Tâ€WS₂ and Singleâ€Walled Carbon Nanotube Hybrid Flexible Thin Films with Enhanced Thermoelectric Performance. Energy Technology, 2018, 6, 1921-1928.	3.8	18
5	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
6	Hydrothermal synthesis of stable metallic 1T phase WS₂ nanosheets for thermoelectric application. Nanotechnology, 2018, 29, 025705.	2.6	50
7	Effect of Graphene Nanowall Size on the Interfacial Strength of Carbon Fiber Reinforced Composites. Nanomaterials, 2018, 8, 414.	4.1	24
8	Triethanolamine doped multilayer MoS₂ field effect transistors. Physical Chemistry Chemical Physics, 2017, 19, 13133-13139.	2.8	36
9	Directly deposited graphene nanowalls on carbon fiber for improving the interface strength in composites. Applied Physics Letters, 2016, 108, .	3.3	34
10	Low frequency noise reduction in multilayer WSe2 field effect transistors. , 2015, , .		0
11	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
12	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
13	Electrical percolation characteristics of metallic single-walled carbon nanotube networks by vacancy evolution. Physical Chemistry Chemical Physics, 2014, 16, 18370.	2.8	4
14	Increasing the thermoelectric power generated by composite films using chemically functionalized single-walled carbon nanotubes. Carbon, 2013, 62, 430-437.	10.3	59
15	Thermoelectric properties of single walled carbon nanotube networks in polycarbonate matrix. Physica Status Solidi (B): Basic Research, 2013, 250, 1468-1473.	1.5	20
16	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
17	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
18	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