

Yang Wang

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

636
citations

1306789

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h-index

1588620

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g-index

10
all docs

10
docs citations

10
times ranked

755
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrical Conductivity of Carbon Nanotube- and Graphene-Based Nanocomposites. , 2018, , 123-156.		47
2	Theory of electrical conductivity and dielectric permittivity of highly aligned graphene-based nanocomposites. Journal of Physics Condensed Matter, 2017, 29, 205702.	0.7	52
3	A frequency-dependent theory of electrical conductivity and dielectric permittivity for graphene-polymer nanocomposites. Carbon, 2017, 111, 221-230.	5.4	137
4	A theory of electrical conductivity, dielectric constant, and electromagnetic interference shielding for lightweight graphene composite foams. Journal of Applied Physics, 2016, 120, .	1.1	64
5	On Eshelby's S-tensor under various magneto-electro-elastic constitutive settings, and its application to multiferroic composites. Journal of Micromechanics and Molecular Physics, 2016, 01, 1640002.	0.7	6
6	Magnetoelectric Coupling and Overall Properties of a Class of Multiferroic Composites. , 2016, , 189-233.		3
7	Percolation threshold and electrical conductivity of graphene-based nanocomposites with filler agglomeration and interfacial tunneling. Journal of Applied Physics, 2015, 118, .	1.1	131
8	Magnetoelectric coupling and overall properties of multiferroic composites with 0-0 and 1-1 connectivity. Journal of Applied Physics, 2015, 118, .	1.1	24
9	A theory of magnetoelectric coupling with interface effects and aspect-ratio dependence in piezoelectric-piezomagnetic composites. Journal of Applied Physics, 2015, 117, 164106.	1.1	39
10	A continuum model with a percolation threshold and tunneling-assisted interfacial conductivity for carbon nanotube-based nanocomposites. Journal of Applied Physics, 2014, 115, .	1.1	133