

Ibrahim S S

List of Publications by Year in descending order

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38
papers

360
citations

840776

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839539

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38
all docs

38
docs citations

38
times ranked

451
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of gamma irradiation on the mechanical properties of PVC/ZnO polymer nanocomposite. Journal of Radiation Research and Applied Sciences, 2017, 10, 165-171.	1.2	48
2	Low percolation threshold of functionalized single-walled carbon nanotubes/polycarbonate nanocomposites. Journal of Reinforced Plastics and Composites, 2012, 31, 1113-1123.	3.1	26
3	Depletion of T lymphocytes is correlated with response to temozolomide in melanoma patients. OncoImmunology, 2013, 2, e23288.	4.6	25
4	Thermophysical and electrical characterization of PVC/SWNT nanocomposites. Composites Part A: Applied Science and Manufacturing, 2011, 42, 394-399.	7.6	24
5	Photoacoustic measurement of thermal properties of polystyrene metal oxide composites. Thermochimica Acta, 2010, 509, 46-49.	2.7	22
6	Electrical, optical, and rheological properties of ozone-treated multiwalled carbon nanotubes/polystyrene nanocomposites. Journal of Reinforced Plastics and Composites, 2013, 32, 359-370.	3.1	19
7	Optoelectrical Properties of Ferroelectric PC/Ceramic Composites. Journal of Thermoplastic Composite Materials, 2009, 22, 335-348.	4.2	15
8	Structural, FTIR spectra and optical properties of pure and co-doped Zn _{1-x} Fe _x MyO ceramics with (M=Cu, Ni) for plastic deformation and optoelectronic applications. Applied Physics A: Materials Science and Processing, 2021, 127, 840.	2.3	15
9	Carbon nanotube functionalization effects on thermal properties of multiwall carbon nanotube/polycarbonate composites. Polymer Composites, 2015, 36, 1242-1248.	4.6	14
10	Characterization of PVC/MWCNTs Nanocomposite: Solvent Blend. Science and Engineering of Composite Materials, 2020, 27, 55-64.	1.4	14
11	Physical characterizations of three phase polycarbonate nanocomposites. Journal of Plastic Film and Sheeting, 2011, 27, 275-291.	2.2	13
12	Optical absorption and thermally stimulated depolarization current studies of nickel chloride-doped poly(vinyl alcohol) irradiated with low-level fast neutron doses. Journal of Applied Polymer Science, 1993, 50, 1281-1286.	2.6	11
13	Electrical and mechanical properties of 1 ² -hydroxynaphthoic acid/polystyrene nanocomposites. Journal of Thermoplastic Composite Materials, 2015, 28, 863-878.	4.2	11
14	Electrical and thermal studies in the commensurate incommensurate phase region of (NH ₄) ₂ ZnCl ₄ single crystal. Journal of Physics and Chemistry of Solids, 2002, 63, 869-874.	4.0	10
15	Electrical and optical properties of functionalized multiwalled carbon nanotubes/poly(3-octylthiophene)/polystyrene composites. Journal of Thermoplastic Composite Materials, 2015, 28, 225-240.	4.2	10
16	Determining the thermophysical properties of Al-doped ZnO nanoparticles by the photoacoustic technique. Chinese Physics B, 2013, 22, 074401.	1.4	9
17	Investigation on the physical properties of multiwalled carbon nanotube/polystyrene nanocomposites treated with 2,3-hydroxy-2-naphthoic acid. Journal of Thermoplastic Composite Materials, 2017, 30, 1120-1135.	4.2	9
18	Electrical properties of TGS-PVA composites. Ferroelectrics, 1990, 109, 211-216.	0.6	8

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19	Structural and transport properties of the La _{1.85} Sr _{0.15} Cu _{1-x} MxO ₄ superconducting system. <i>Smart Materials and Structures</i> , 2006, 15, N99-N106.	3.5	8
20	Synthesis, electrical properties, and kinetic thermal analysis of polyaniline/ polyvinyl alcohol - magnetite nanocomposites film. <i>Science and Engineering of Composite Materials</i> , 2019, 26, 347-359.	1.4	6
21	Dynamic mechanical analysis and non-isothermal kinetics of EVA/PPy carbon black nanocomposites. <i>Materials Science and Technology</i> , 2019, 35, 560-570.	1.6	6
22	Structural morphology and nonlinear behavior of pure and co-doped Zn _{1-x-y} FexMyO varistors with (M = Cu, Ni). <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 486.	2.3	6
23	Ferroelectricity in polycrystalline triglycine sulphate (TGS). <i>Ferroelectrics</i> , 1984, 59, 233-240.	0.6	4
24	The dielectric permittivity of polymer-ferroelectric composites – part 1. <i>Ferroelectrics</i> , 1992, 129, 1-11.	0.6	4
25	Thermal conductivity and heat capacity of poly(3-octylthiophene-2,5 diyl) and its multi-wall carbon nanotube composites. <i>Physica Scripta</i> , 2014, 89, 105701.	2.5	4
26	Pyroelectricity and electrical conductivity in polycrystalline triglycine sulfate (TGS). <i>Ferroelectrics</i> , 1987, 76, 33-41.	0.6	3
27	Influence of gamma irradiation on the electrical conductivity of FEF/SBR loaded with different concentrations of sulphur. <i>Polymer Testing</i> , 1996, 15, 153-161.	4.8	3
28	Electrical conductivity of ferroelectric-polymer composites. <i>Ferroelectrics</i> , 1992, 135, 419-429.	0.6	2
29	Comments on the temperature-dependence of the alpha relaxation process in polymer ferroelectric composite. <i>Journal Physics D: Applied Physics</i> , 1995, 28, 1919-1924.	2.8	2
30	Preparation and characterization of poly(3-octyl thiophene)/polyvinyl chloride polymer blends. <i>Journal of Plastic Film and Sheeting</i> , 2013, 29, 211-227.	2.2	2
31	Novel Dispersion of MWCNTs in Polystyrene Polymer Induced by the Addition of 3-Hydroxy-2-Napthoic Acid. <i>Journal of Dispersion Science and Technology</i> , 2015, 36, 747-754.	2.4	2
32	Morphological and Thermal Properties of Poly(Vinyl Alcohol)/Layered Double Hydroxide Hybrid Nanocomposite Fibers. <i>International Journal of Polymer Science</i> , 2020, 2020, 1-14.	2.7	2
33	Preparation and physical characterization of conjugated polymer-polycarbonate polymer blends. <i>Journal of Composite Materials</i> , 2014, 48, 1947-1957.	2.4	1
34	Rheological and electrical properties of multiwalled carbon nanotubes – polyvinyl alcohol nanocomposites treated at different pH conditions. <i>Journal of Thermoplastic Composite Materials</i> , 2019, 32, 895-907.	4.2	1
35	Low-Pressure Membrane for Water Treatment Applications. <i>International Journal of Polymer Science</i> , 2020, 2020, 1-7.	2.7	1
36	The dielectric permittivity of polymer-ferroelectric composites – part 2. <i>Ferroelectrics</i> , 1992, 129, 13-18.	0.6	0

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37	An approach for studying natural unipolarity in doped and pure single TGS-crystals. <i>Ferroelectrics</i> , 1997, 196, 125-130.	0.6	0
38	Electromagnetic interference shielding and mechanical properties of multi-layered polyvinyl chloride/multiwall carbon nanotubes nanocomposite. <i>Materials Express</i> , 2019, 9, 872-881.	0.5	0