

Azza A Ward

List of Publications by Year in descending order

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39
papers

604
citations

623734

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694
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#	ARTICLE	IF	CITATIONS
1	Essential oils as multifunctional additives in biodegradable linear low density polyethylene/starch blends. <i>Pigment and Resin Technology</i> , 2022, 51, 194-203.	0.9	7
2	Electrical conductivity and thermal stability of surface-modified multiwalled carbon nanotubes/polysulfone/poly(<i>p</i> -phenylenediamine) composites. <i>Journal of Polymer Engineering</i> , 2022, .	1.4	2
3	A copper-(lignin/silica/fatty acids) complex as an antioxidant/electrical conductivity agent for rubber composites (Part iii). <i>Pigment and Resin Technology</i> , 2021, ahead-of-print, .	0.9	3
4	Impact of Molybdenum Doping on the Structural, Optical and Dielectric Properties of $\text{In}_x\text{Al}_{2-x}\text{Mo}_x\text{O}_3$. <i>ECS Journal of Solid State Science and Technology</i> , 2021, 10, 043007.	1.8	4
5	Novel Alginate Frankincense Oil Blend Films for Biomedical Applications. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2020, 90, 303-312.	1.0	7
6	Polymer/liquid crystal nanocomposites for energy storage applications. <i>Polymer Engineering and Science</i> , 2020, 60, 2529-2540.	3.1	21
7	New approach for synthesis of nano-sized $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ powder by economic and innovative method. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 9065-9075.	2.2	9
8	Physical, dielectric and biodegradation studies of PVC/silica nanocomposites based on traditional and environmentally friendly plasticizers. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2020, 11, 035003.	1.5	9
9	Dielectric and Thermal Properties of PEO/PVDF Blend Doped with Different Concentrations of $\text{Li}_4\text{Ti}_5\text{O}_{12}$ Nanoparticles. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 4468-4480.	3.7	25
10	Investigation of structural, electrical and optical properties of chitosan/fullerene composites. <i>Materials Research Express</i> , 2019, 6, 125304.	1.6	9
11	Investigating of structural, morphology, optical, transport and magnetic properties of $\text{Mg}_{1-x}\text{Cu}_x\text{O}$. <i>Indian Journal of Physics</i> , 2019, 93, 1009-1018.	1.8	6
12	Biophysical properties of polymethyl methacrylate blended with maleated castor oil filled with Calcium Carbonates in the micro and nano scales. <i>Egyptian Journal of Chemistry</i> , 2019, .	0.2	1
13	Investigation of physical properties and morphology of compatibilized EPDM/EVA blends. <i>Journal of Thermoplastic Composite Materials</i> , 2018, 31, 376-391.	4.2	5
14	A novel approach on poly(ionic liquid)-based poly(vinyl alcohol) as a hydrophilic/hydrophobic conductive polymer electrolytes. <i>Polymer Bulletin</i> , 2018, 75, 267-287.	3.3	26
15	Study on the properties of multi-walled carbon nanotubes reinforced poly (vinyl alcohol) composites. <i>Journal of Polymer Research</i> , 2018, 25, 1.	2.4	29
16	Structural and dielectric properties of prepared PbS and PbTe nanomaterials. <i>Journal of Semiconductors</i> , 2018, 39, 123006.	3.7	10
17	Structural and AC electrical properties study of solid metal urea complexes. <i>Journal of Advanced Dielectrics</i> , 2018, 08, 1850013.	2.4	2
18	Synthesis of superhydrophobic polymer nanocomposites as a smart self-cleaning coating films. <i>Polymer Composites</i> , 2017, 38, E147.	4.6	24

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19	Processing, Dynamic mechanical thermal analysis, and dielectric properties of barium titanate/cellulosic polymer nanocomposites. <i>Polymer Composites</i> , 2017, 38, 893-907.	4.6	21
20	Composites of styrene butadiene rubber/modified clay: mechanical, dielectric and morphological properties. <i>Pigment and Resin Technology</i> , 2017, 46, 161-171.	0.9	8
21	Novel nanofibrillated cellulose/polyvinylpyrrolidone/silver nanoparticles films with electrical conductivity properties. <i>Carbohydrate Polymers</i> , 2017, 157, 503-511.	10.2	67
22	Electrical conductivity and dielectric relaxation of cerium (IV) oxide. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 1501-1507.	2.2	14
23	Sodium alginate nanoparticles as a new transdermal vehicle of glucosamine sulfate for treatment of osteoarthritis. <i>European Journal of Nanomedicine</i> , 2017, 9, .	0.6	8
24	Drug-polymer interaction between glucosamine sulfate and alginate nanoparticles: FTIR, DSC and dielectric spectroscopy studies. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2016, 7, 025014.	1.5	48
25	Studies the behaviors of polyaniline on the properties of PS/PMMA blends. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2016, 230, 526-536.	1.1	5
26	Electrical properties of Fell -terpyridine-Modified cellulose nanocrystals and polycaprolactone/Fell -CTP nanocomposites. <i>Polymer Composites</i> , 2016, 37, 2734-2743.	4.6	12
27	Preparation and Some Physical Properties of Zn ^{1-x} CrxO. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2015, 25, 1077-1087.	3.7	11
28	Effect of selected vegetable oils on the properties of acrylonitrile-butadiene rubber vulcanizates. <i>Polimery</i> , 2015, 60, 43-56.	0.7	18
29	Characterization of maleated vegetable oils for insulation purposes and agricultural applications. <i>Polimery</i> , 2014, 59, 729-738.	0.7	3
30	Characterization of a polymer composite from treated kaolin and unsaturated polyester based on PET waste. <i>Polymer Composites</i> , 2013, 34, 1223-1234.	4.6	17
31	Effect of kaolin-metal oxides core-shell pigments on the properties of styrene-butadiene rubber composites. <i>Materials & Design</i> , 2012, 40, 343-355.	5.1	21
32	Biodegradable blends based on polyvinyl pyrrolidone for insulation purposes. <i>Journal of Applied Polymer Science</i> , 2012, 124, 3879-3891.	2.6	29
33	Mechanical, optical, and electrical properties of cellulosic semiconductor nanocomposites. <i>Journal of Applied Polymer Science</i> , 2010, 115, 2847-2854.	2.6	14
34	Use of rice husks as potential filler in styrene butadiene rubber/linear low density polyethylene blends in the presence of maleic anhydride. <i>Materials & Design</i> , 2010, 31, 2414-2421.	5.1	76
35	Polyester resin as a compatibilizing agent for some polymeric blends. <i>Journal of Applied Polymer Science</i> , 2008, 108, 833-844.	2.6	2
36	Effect of Cyclic Deformations on the Dynamic-Mechanical Properties of Silica-Filled Butyl Rubber. <i>Macromolecular Materials and Engineering</i> , 2003, 288, 971-979.	3.6	13

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37	Studies on the Dielectric Behavior of Silica-Filled Butyl Rubber Vulcanizates After Cyclic Deformation. <i>Journal of Macromolecular Science - Physics</i> , 2003, 42, 1265-1280.	1.0	9
38	Electrical Conductivity of Styrene-Butadiene Rubber/Polyester Short-Fiber Reinforced with Different Types of Carbon Black. <i>Polymer-Plastics Technology and Engineering</i> , 2003, 42, 701-710.	1.9	7
39	Jojoba seed powder as eco-friendly antioxidant for rubber products. <i>Journal of Applied Polymer Science</i> , 0, , .	2.6	2