

Azza A Ward

List of Publications by Year in descending order

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39
papers

604
citations

623734

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642732

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all docs

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docs citations

39
times ranked

694
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Novel nanofibrillated cellulose/polyvinylpyrrolidone/silver nanoparticles films with electrical conductivity properties. <i>Carbohydrate Polymers</i> , 2017, 157, 503-511.	10.2	67
3	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
4	Biodegradable blends based on polyvinyl pyrrolidone for insulation purposes. <i>Journal of Applied Polymer Science</i> , 2012, 124, 3879-3891.	2.6	29
5	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
6	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
7	Dielectric and Thermal Properties of PEO/PVDF Blend Doped with Different Concentrations of Li ₄ Ti ₅ O ₁₂ Nanoparticles. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 4468-4480.	3.7	25
8	Synthesis of superhydrophobic polymer nanocomposites as a smart self-cleaning coating films. <i>Polymer Composites</i> , 2017, 38, E147.	4.6	24
9	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
10	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
11	Polymer/liquid crystal nanocomposites for energy storage applications. <i>Polymer Engineering and Science</i> , 2020, 60, 2529-2540.	3.1	21
12	Effect of selected vegetable oils on the properties of acrylonitrile-butadiene rubber vulcanizates. <i>Polimery</i> , 2015, 60, 43-56.	0.7	18
13	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
14	Mechanical, optical, and electrical properties of cellulosic semiconductor nanocomposites. <i>Journal of Applied Polymer Science</i> , 2010, 115, 2847-2854.	2.6	14
15	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
16	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
17	Electrical properties of Fell-terpyridine-Modified cellulose nanocrystals and polycaprolactone/Fell-CTP nanocomposites. <i>Polymer Composites</i> , 2016, 37, 2734-2743.	4.6	12
18	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

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19	Structural and dielectric properties of prepared PbS and PbTe nanomaterials. Journal of Semiconductors, 2018, 39, 123006.	3.7	10
20	Studies on the Dielectric Behavior of Silica-Filled Butyl Rubber Vulcanizates After Cyclic Deformation. Journal of Macromolecular Science - Physics, 2003, 42, 1265-1280.	1.0	9
21	Investigation of structural, electrical and optical properties of chitosan/fullerene composites. Materials Research Express, 2019, 6, 125304.	1.6	9
22	New approach for synthesis of nano-sized CaCu ₃ Ti ₄ O ₁₂ powder by economic and innovative method. Journal of Materials Science: Materials in Electronics, 2020, 31, 9065-9075.	2.2	9
23	Physical, dielectric and biodegradation studies of PVC/silica nanocomposites based on traditional and environmentally friendly plasticizers. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2020, 11, 035003.	1.5	9
24	Composites of styrene butadiene rubber/modified clay: mechanical, dielectric and morphological properties. Pigment and Resin Technology, 2017, 46, 161-171.	0.9	8
25	Sodium alginate nanoparticles as a new transdermal vehicle of glucosamine sulfate for treatment of osteoarthritis. European Journal of Nanomedicine, 2017, 9, .	0.6	8
26	Electrical Conductivity of Styrene-Butadiene Rubber/Polyester Short-Fiber Reinforced with Different Types of Carbon Black. Polymer-Plastics Technology and Engineering, 2003, 42, 701-710.	1.9	7
27	Novel Alginate Frankincense Oil Blend Films for Biomedical Applications. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2020, 90, 303-312.	1.0	7
28	Essential oils as multifunctional additives in biodegradable linear low density polyethylene/starch blends. Pigment and Resin Technology, 2022, 51, 194-203.	0.9	7
29	Investigating of structural, morphology, optical, transport and magnetic properties of Mg _{1-x} Cu _x O. Indian Journal of Physics, 2019, 93, 1009-1018.	1.8	6
30	Studies the behaviors of polyaniline on the properties of PS/PMMA blends. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2016, 230, 526-536.	1.1	5
31	Investigation of physical properties and morphology of compatibilized EPDM/EVA blends. Journal of Thermoplastic Composite Materials, 2018, 31, 376-391.	4.2	5
32	Impact of Molybdenum Doping on the Structural, Optical and Dielectric Properties of $\text{Al}_{2-x}\text{Mo}_x\text{O}_3$. ECS Journal of Solid State Science and Technology, 2021, 10, 043007.	1.8	4
33	A copper-(lignin/silica/fatty acids) complex as an antioxidant/electrical conductivity agent for rubber composites (Part iii). Pigment and Resin Technology, 2021, ahead-of-print, .	0.9	3
34	Characterization of maleated vegetable oils for insulation purposes and agricultural applications. Polimery, 2014, 59, 729-738.	0.7	3
35	Polyester resin as a compatibilizing agent for some polymeric blends. Journal of Applied Polymer Science, 2008, 108, 833-844.	2.6	2
36	Structural and AC electrical properties study of solid metal urea complexes. Journal of Advanced Dielectrics, 2018, 08, 1850013.	2.4	2

#	ARTICLE	IF	CITATIONS
37	Electrical conductivity and thermal stability of surface-modified multiwalled carbon nanotubes/polysulfone/poly(<i>p</i> -phenylenediamine) composites. Journal of Polymer Engineering, 2022, .	1.4	2
38	Jojoba seed powder as eco-friendly antioxidant for rubber products. Journal of Applied Polymer Science, 0, , .	2.6	2
39	Biophysical properties of polymethyl methacrylate blended with maleated castor oil filled with Calcium Carbonates in the micro and nano scales. Egyptian Journal of Chemistry, 2019, .	0.2	1