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List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

764
citations

567281

15
h-index

526287

27
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30
all docs

30
docs citations

30
times ranked

1096
citing authors

#	ARTICLE	IF	CITATIONS
1	Epoxy resin reinforced with graphene derivatives: physical and dielectric properties. Journal of Polymer Research, 2022, 29, 1.	2.4	11
2	Investigation of water sorption, gas barrier and antimicrobial properties of polycaprolactone films contain modified graphene. Journal of Materials Science, 2021, 56, 497-512.	3.7	13
3	Utilization and characterization of cellulose nanocrystals decorated with silver and zinc oxide nanoparticles for removal of lead ion from wastewater. Environmental Nanotechnology, Monitoring and Management, 2021, 16, 100501.	2.9	14
4	Assessment of Mechanical, Water Barrier and Anti-Microbial Properties of Paper Sheets Loaded with Hyperbranched Polyester/ Graphene Oxide Composite and Effect of FlaxSeed-Gel Coatings. Egyptian Journal of Chemistry, 2021, 64, 2-3.	0.2	0
5	Rational design of active packaging films based on polyaniline-coated polymethyl methacrylate/nanocellulose composites. Polymer Bulletin, 2020, 77, 2485-2499.	3.3	16
6	Antifouling and antimicrobial polyethersulfone/hyperbranched polyester-amide/Ag composite. RSC Advances, 2020, 10, 24169-24175.	3.6	7
7	Dynamic processes and charge carriers transport in polyvinyl acetate-polyaniline composites. SN Applied Sciences, 2020, 2, 1.	2.9	6
8	Synergistic effect of zinc oxide nanorods on the photocatalytic performance and the biological activity of graphene nano sheets. Heliyon, 2020, 6, e03283.	3.2	31
9	Hydrophobically modified graphene oxide as a barrier and antibacterial agent for polystyrene packaging. Journal of Materials Science, 2020, 55, 4685-4700.	3.7	38
10	Silane-functionalized graphene oxide/epoxy resin nanocomposites: Dielectric and thermal studies. Journal of Applied Polymer Science, 2019, 136, 48253.	2.6	10
11	Dielectric investigations and charge transport in PS-PAni composites with ionic and nonionic surfactants. Journal of Physics and Chemistry of Solids, 2019, 133, 163-170.	4.0	8
12	Green synthesis of cellulose nanofibers using immobilized cellulase. Carbohydrate Polymers, 2019, 205, 255-260.	10.2	67
13	Dielectric study of polystyrene/polycaprolactone composites prepared by miniemulsion polymerization. Journal of Physics and Chemistry of Solids, 2018, 119, 56-61.	4.0	15
14	Assisted Tip Sonication Approach for Graphene Synthesis in Aqueous Dispersion. Biomedicines, 2018, 6, 63.	3.2	30
15	Immobilization of β -galactosidase on carrageenan gel via bio-inspired polydopamine coating. Journal of Textiles Coloration and Polymer Science, 2018, .	0.3	3
16	Hyperbranched poly(amidoamine)/kaolinite nanocomposites: Structure and charge carrier dynamics. Polymer, 2017, 121, 64-74.	3.8	29
17	Synthesis of hybrid paper sheets with enhanced air barrier and antimicrobial properties for food packaging. Carbohydrate Polymers, 2017, 168, 212-219.	10.2	48
18	Relaxation dynamic and electrical mobility for poly(methyl methacrylate)-polyaniline composites. Journal of Applied Polymer Science, 2017, 134, 45415.	2.6	27

#	ARTICLE	IF	CITATIONS
19	Photocatalytic activity and antimicrobial properties of paper sheets modified with TiO ₂ /Sodium alginate nanocomposites. <i>Carbohydrate Polymers</i> , 2016, 148, 194-199.	10.2	68
20	Polyaniline and modified titanate nanowires layer-by-layer plastic electrode for flexible electronic device applications. <i>RSC Advances</i> , 2016, 6, 94556-94563.	3.6	23
21	Polystyrene/hydrophobic TiO ₂ nanobelts as a novel packaging material. <i>Polymer Bulletin</i> , 2015, 72, 2353-2362.	3.3	13
22	Structure-Property Relationships of Hyperbranched Polymer/Kaolinite Nanocomposites. <i>Macromolecules</i> , 2015, 48, 6562-6573.	4.8	24
23	Hydrogel surface modification of reverse osmosis membranes. <i>Journal of Membrane Science</i> , 2015, 476, 264-276.	8.2	63
24	Photocatalytic activity of hyperbranched polyester/TiO ₂ nanocomposites. <i>Applied Catalysis A: General</i> , 2014, 472, 191-197.	4.3	31
25	Tuning a hydrophilic nanobelt's crystal lattice for interface-tailored nanocompositing with a hydrophobic polymer. <i>Journal of Materials Science</i> , 2014, 49, 7382-7390.	3.7	5
26	Preparation of conductive paper composites based on natural cellulosic fibers for packaging applications. <i>Carbohydrate Polymers</i> , 2012, 89, 1027-1032.	10.2	94
27	Hydrogen storing and electrical properties of hyperbranched polymers-based nanoporous materials. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2011, 176, 1184-1189.	3.5	16
28	Poly phenylenediamine and its TiO ₂ composite as hydrogen storage material. <i>Materials Chemistry and Physics</i> , 2011, 128, 507-513.	4.0	8
29	Hybridization of kaolinite by consecutive intercalation: Preparation and characterization of hyperbranched poly(amidoamine)-kaolinite nanocomposites. <i>Materials Chemistry and Physics</i> , 2010, 119, 546-552.	4.0	31
30	Morphology and electrical properties of hybrid and sulphonated oxalic acid-doped polyaniline. <i>Synthetic Metals</i> , 2010, 160, 1774-1779.	3.9	15