

Hm Fayzan Shakir

List of Publications by Year in descending order

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papers

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citations

566801

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times ranked

314
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyaniline-based nanocomposites for electromagnetic interference shielding applications: A review. <i>Journal of Thermoplastic Composite Materials</i> , 2023, 36, 1717-1761.	2.6	20
2	Electromagnetic interference shielding study in microwave and NIR regions by highly efficient Ag/ZnS and polyaniline-Ag/ZnS particles. <i>Journal of Thermoplastic Composite Materials</i> , 2023, 36, 1489-1503.	2.6	2
3	Electrically conductive epoxy/polyaniline composite fabrication and characterization for electronic applications. <i>Journal of Reinforced Plastics and Composites</i> , 2022, 41, 34-45.	1.6	18
4	Preparation and Evaluation of Polymer-Based Ultrasound Gel and Its Application in Ultrasonography. <i>Gels</i> , 2022, 8, 42.	2.1	11
5	In-situ polymerization and EMI shielding property of barium hexaferrite/pyrrole nanocomposite. <i>Journal of Alloys and Compounds</i> , 2022, 902, 163847.	2.8	21
6	Fabrication of low emissivity paint for thermal/NIR radiation insulation for domestic applications. <i>Energy Reports</i> , 2022, 8, 7814-7824.	2.5	5
7	Effect of Barium Hexaferrites and Thermally Reduced Graphene Oxide on EMI Shielding Properties in Polymer Composites. <i>Journal of Superconductivity and Novel Magnetism</i> , 2021, 34, 201-210.	0.8	25
8	Reactive Extrusion of Maleic-Anhydride-Grafted Polypropylene by Torque Rheometer and Its Application as Compatibilizer. <i>Polymers</i> , 2021, 13, 495.	2.0	16
9	Study of mechanical, electrical and EMI shielding properties of polymer-based nanocomposites incorporating polyaniline coated graphene nanoparticles. <i>Nano Express</i> , 2021, 2, 010038.	1.2	22
10	M-Type Barium Hexaferrite-Based Nanocomposites for EMI Shielding Application: a Review. <i>Journal of Superconductivity and Novel Magnetism</i> , 2021, 34, 1019-1045.	0.8	40
11	Fabrication and characterization of PVC based flexible nanocomposites for the shielding against EMI, NIR, and thermal imaging signals. <i>Results in Physics</i> , 2021, 24, 104183.	2.0	24
12	Fabrication and Characterization of Sulfonated Graphene Oxide-Doped Polymeric Membranes with Improved Anti-Biofouling Behavior. <i>Membranes</i> , 2021, 11, 563.	1.4	11
13	PVC based flexible nanocomposites with the incorporation of Polyaniline and Barium Hexa-Ferrite nanoparticles for the shielding against EMI, NIR, and thermal imaging cameras. <i>Synthetic Metals</i> , 2021, 277, 116773.	2.1	21
14	Synthesis of Nickel Spinel Ferrites Nanoparticles Coated with Thermally Reduced Graphene Oxide for EMI Shielding in the Microwave, UV, and NIR Regions. <i>Polymers</i> , 2021, 13, 3316.	2.0	10
15	EMI Shielding Characteristics of Electrically Conductive Polymer Blends of PS/PANI in Microwave and IR Region. <i>Journal of Electronic Materials</i> , 2020, 49, 1660-1665.	1.0	51
16	Fabrication of reduced graphene oxide (RGO) and nanocomposite with thermoplastic polyurethane (TPU) for EMI shielding application. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 967-974.	1.1	39
17	Study of thermal, morphological, barrier and viscoelastic properties of PP grafted with maleic anhydride (PP-g-MAH) and PET blends. <i>Journal of Polymer Research</i> , 2020, 27, 1.	1.2	23
18	Effect on the EMI Shielding Properties of Cobalt Ferrites and Coal-Fly-Ash Based Polymer Nanocomposites. <i>Journal of Superconductivity and Novel Magnetism</i> , 2020, 33, 3519-3524.	0.8	30

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19	Fabrication and characterization of the blend of Polyurethane (PU) and Phase Change Materials (PCM) for energy storage and release. IOP SciNotes, 2020, 1, 024803.	0.4	4
20	Effect of Nickel-spinal-Ferrites on EMI shielding properties of polystyrene/polyaniline blend. SN Applied Sciences, 2020, 2, 1.	1.5	42
21	Strengthening of β polymorph in PVDF/FLG and PVDF/GO nanocomposites. Materials Research Express, 2020, 7, 015017.	0.8	31
22	Development and characterization of multifunctional carbon fabricâ€­reinforced polymer composites incorporated with inorganic flame retardants. Polymer Composites, 2020, 41, 3043-3051.	2.3	17
23	Mechanical, thermal and EMI shielding study of electrically conductive polymeric hybrid nano-composites. Journal of Materials Science: Materials in Electronics, 2019, 30, 17382-17392.	1.1	35
24	Effect of MgOH/TiO ₂ on flame retardancy and mechanical behavior of composite. Materials Research Express, 2019, 6, 125352.	0.8	15