

Ayesha Afzal

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8962241/publications.pdf>

Version: 2024-02-01

16
papers

409
citations

759055

12
h-index

1058333

14
g-index

16
all docs

16
docs citations

16
times ranked

393
citing authors

#	ARTICLE	IF	CITATIONS
1	Stealth technology: Methods and composite materials – A review. <i>Polymer Composites</i> , 2019, 40, 4457-4472.	2.3	74
2	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
3	Effect of Nickel-spinal-Ferrites on EMI shielding properties of polystyrene/polyaniline blend. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	42
4	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
5	Stretchable strain sensors based on polyaniline/thermoplastic polyurethane blends. <i>Polymer Bulletin</i> , 2020, 77, 1081-1093.	1.7	37
6	Mechanical, thermal and EMI shielding study of electrically conductive polymeric hybrid nano-composites. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 17382-17392.	1.1	35
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	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
9	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
10	Development and characterization of multifunctional carbon fabric reinforced polymer composites incorporated with inorganic flame retardants. <i>Polymer Composites</i> , 2020, 41, 3043-3051.	2.3	17
11	Development of Hydrogels with the Incorporation of Raphanus sativus L. Seed Extract in Sodium Alginate for Wound-Healing Application. <i>Gels</i> , 2021, 7, 107.	2.1	16
12	Effect of MgOH/TiO ₂ on flame retardancy and mechanical behavior of composite. <i>Materials Research Express</i> , 2019, 6, 125352.	0.8	15
13	Carbon fiber reinforced modified bisphenol-a diglycidylether epoxy composites for flame retardant applications. <i>Materials Research Express</i> , 2018, 5, 065703.	0.8	12
14	Fabrication and characterization of the blend of Polyurethane (PU) and Phase Change Materials (PCM) for energy storage and release. <i>IOP SciNotes</i> , 2020, 1, 024803.	0.4	4
15	Multi-Functional Carbon Fiber Reinforced Composites for Fire Retardant Applications. <i>Key Engineering Materials</i> , 0, 875, 23-28.	0.4	1
16	Characterization of the Aniline.DBSA/Thermoplastic Polyurethane Blends for the Thermo-Mechanical and Electro-Mechanical Properties. <i>Key Engineering Materials</i> , 0, 875, 96-103.	0.4	0