

# Ayesha Afzal

## List of Publications by Year in descending order

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16  
papers

409  
citations

759055

12  
h-index

1058333

14  
g-index

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16  
docs citations

16  
times ranked

393  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Stretchable strain sensors based on polyaniline/thermoplastic polyurethane blends. <i>Polymer Bulletin</i> , 2020, 77, 1081-1093.	1.7	37
5	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
6	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
7	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
8	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
9	Effect of Nickel-spinal-Ferrites on EMI shielding properties of polystyrene/polyaniline blend. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	42
10	Development and characterization of multifunctional carbon fabricâ€”reinforced polymer composites incorporated with inorganic flame retardants. <i>Polymer Composites</i> , 2020, 41, 3043-3051.	2.3	17
11	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
12	Stealth technology: Methods and composite materialsâ€”A review. <i>Polymer Composites</i> , 2019, 40, 4457-4472.	2.3	74
13	Effect of MgOH/TiO <sub>2</sub> on flame retardancy and mechanical behavior of composite. <i>Materials Research Express</i> , 2019, 6, 125352.	0.8	15
14	Carbon fiber reinforced modified bisphenol-a diglycidylether epoxy composites for flame retardant applications. <i>Materials Research Express</i> , 2018, 5, 065703.	0.8	12
15	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
16	Multi-Functional Carbon Fiber Reinforced Composites for Fire Retardant Applications. <i>Key Engineering Materials</i> , 0, 875, 23-28.	0.4	1