

Sanjay Remanan

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

671
citations

758635

12
h-index

887659

17
g-index

17
all docs

17
docs citations

17
times ranked

764
citing authors

#	ARTICLE	IF	CITATIONS
1	An approach to prepare mechanically robust full IPN strengthened conductive cotton fabric for high strain tolerant electromagnetic interference shielding. <i>Chemical Engineering Journal</i> , 2018, 344, 138-154.	6.6	151
2	Ultra-light weight, water durable and flexible highly electrical conductive polyurethane foam for superior electromagnetic interference shielding materials. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 10177-10189.	1.1	86
3	A Multifunctional Smart Textile Derived from Merino Wool/Nylon Polymer Nanocomposites as Next Generation Microwave Absorber and Soft Touch Sensor. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 17988-18001.	4.0	80
4	Carbon Nanostructures Based Mechanically Robust Conducting Cotton Fabric for Improved Electromagnetic Interference Shielding. <i>Fibers and Polymers</i> , 2018, 19, 1064-1073.	1.1	69
5	Recent Advances in Preparation of Porous Polymeric Membranes by Unique Techniques and Mitigation of Fouling through Surface Modification. <i>ChemistrySelect</i> , 2018, 3, 609-633.	0.7	49
6	3D-Enhanced, High-Performing, Superhydrophobic and Electromagnetic Interference Shielding Fabrics Based on Silver Paint and Their Use in Antibacterial Applications. <i>ChemistrySelect</i> , 2019, 4, 11748-11754.	0.7	45
7	Facile one-pot scalable strategy to engineer biocidal silver nanocluster assembly on thiolated PVDF membranes for water purification. <i>RSC Advances</i> , 2016, 6, 38972-38983.	1.7	30
8	Micro-computed tomography enhanced cross-linked carboxylated acrylonitrile butadiene rubber with the decoration of new generation conductive carbon black for high strain tolerant electromagnetic wave absorber. <i>Materials Today Communications</i> , 2020, 24, 100989.	0.9	29
9	Porous Graphene-based Membranes: Preparation and Properties of a Unique Two-dimensional Nanomaterial Membrane for Water Purification. <i>Separation and Purification Reviews</i> , 2021, 50, 262-282.	2.8	29
10	A unique Microfiltration membrane derived from the poly(ethylene-co-methyl acrylate)/poly(vinylidene fluoride) blend for antifouling application. <i>Polymer Testing</i> , 2019, 79, 106031.	2.3	22
11	Phase transited lysozyme particles and MoS ₂ nanosheets modified elastomer-like antibacterial and antifouling microfiltration membrane derived from poly(ethylene-co-methyl acrylate)/poly(vinylidene fluoride) blend. <i>Materials</i> , 2021, 316, 110945.	2.2	14
12	Efficient synthesis of catalytic active silver nanoparticles illuminated cerium oxide nanotube: A mussel inspired approach. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2021, 15, 100411.	1.7	14
13	Converting Polymer Trash into Treasure: An Approach to Prepare MoS ₂ Nanosheets Decorated PVDF Sponge for Oil/Water Separation and Antibacterial Applications. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 20141-20154.	1.8	13
14	Nano to microblend formation in poly(ethylene-co-methyl acrylate)/ poly(vinylidene fluoride) blend and investigation of its anomalies in rheological properties. <i>Nano Structures Nano Objects</i> , 2020, 23, 100487.	1.9	12
15	Crystallization Induced Phase Separation: Unique Tool to Design Microfiltration Membranes with High Flux and Sustainable Antibacterial Surface. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 2025-2035.	1.8	10
16	Gradient crystallinity and its influence on the poly(vinylidene fluoride)/poly(methyl methacrylate) membrane derived by immersion precipitation method. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48677.	1.3	9
17	Nanoreinforcement mechanism of organomodified layered silicates in EPDM/CIIR blends: experimental analysis and theoretical perspectives of static mechanical and viscoelastic behavior. <i>Composite Interfaces</i> , 2021, 28, 35-62.	1.3	9