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#	Paper IF	Citations
542	Prediction of the percolation threshold and electrical conductivity of self-assembled antimony-doped tin oxide nanoparticles into ordered structures in PMMA/ATO nanocomposites. <b>2014</b> , 6, 22264-71	13
541	Synthesis of palm-based polyurethane-LiClO4 via prepolymerization. 2015,	
540	Freeze-drying method prepared UHMWPE/CNTs composites with optimized micromorphologies and improved tribological performance. <b>2015</b> , 132, n/a-n/a	5
539	Effects of Oil Palm Empty Fruit Bunch Fiber on Electrical and Mechanical Properties of Conductive Filler Reinforced Polymer Composite. <b>2015</b> , 11,	6
538	Perovskite-Based Mesostructures and Related Composites Influence Exerted by Morphology and Interface. <b>2015</b> ,	3
537	Engineering nanostructured polymer blends with controlled nanoparticle location for excellent microwave absorption: a compartmentalized approach. <b>2015</b> , 7, 11334-51	83
536	Facile, green and affordable strategy for structuring natural graphite/polymer composite with efficient electromagnetic interference shielding. <b>2015</b> , 5, 22587-22592	42
535	Percolation and resistivity-temperature behaviours of carbon nanotube-carbon black hybrid loaded ultrahigh molecular weight polyethylene composites with segregated structures. <b>2015</b> , 5, 61318-61323	18
534	Electro-mechanical sensors based on conductive hybrid nanocomposites. <b>2015</b> , 26, 889-897	5
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532	Polyaniline coated carbon nanotube/graphene Bandwichlhybrid and its high-k epoxy composites with low dielectric loss and percolation threshold. <b>2015</b> , 359, 754-765	29
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526	Electroconductive Composites from Polystyrene Block Copolymers and Cu-Alumina Filler. <b>2016</b> , 9,	2

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524	ANTISTATIC AGENTS IN POLYMER BLENDS. <b>2016</b> , 277-286	
523	The effect of nanofiller geometry and compounding method on polylactic acid nanocomposite films. <b>2016</b> , 77, 31-42	11
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520	Polylactic acid/carbon fiber composites: Effects of functionalized elastomers on mechanical properties, thermal behavior, surface compatibility, and electrical characteristics. <b>2016</b> , 17, 615-623	12
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410	Ultralow-Threshold and Lightweight Biodegradable Porous PLA/MWCNT with Segregated Conductive Networks for High-Performance Thermal Insulation and Electromagnetic Interference Shielding Applications. <b>2018</b> , 10, 1195-1203	171
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367	Synergistic Effect of Graphite and Carbon Nanotubes on Improved Electromagnetic Interference Shielding Performance in Segregated Composites. <b>2018</b> , 57, 11929-11938	50
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362	Synthesis and characterization of a conductive and self-healing composite. <b>2018</b> , 243, 58-66	9
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360	Improved Electrical and Mechanical Properties for the Reduced Graphene Oxide-Decorated Polymer Nanofiber Composite with a CoreBhell Structure. <b>2019</b> , 58, 15470-15478	22
359	Massive and sustained enhancement of the electrical conductivity of polystyrene using multilayer graphene at Low loadings, and carbon black as a dispersion aid. <b>2019</b> , 580, 123727	2
358	Ground tire rubber composites with hybrid conductive network for efficiency electromagnetic shielding and low reflection. <b>2019</b> , 30, 14669-14678	8
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353	Fabrication of PLA/CNC/CNT conductive composites for high electromagnetic interference shielding based on Pickering emulsions method. <b>2019</b> , 125, 105558	40
352	Parametric Analysis of Electrical Conductivity of Polymer-Composites. <b>2019</b> , 11,	17
351	Mechanical, electrical, and piezoresistivity behaviors of additively manufactured acrylonitrile butadiene styrene/carbon nanotube nanocomposites. <b>2019</b> , 28, 084004	17
350	rGO/FeO hybrid induced ultra-efficient EMI shielding performance of phenolic-based carbon foam <b>2019</b> , 9, 20643-20651	21
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336	Conductive nylon-MXD6 composites prepared by melt compounding associated with formation of carbon black-covered PET domains serving as big conductive particles. <b>2019</b> , 182, 121809	3
335	Organic-Inorganic Nanohybrid Electrochemical Sensors from Multi-Walled Carbon Nanotubes Decorated with Zinc Oxide Nanoparticles and In-Situ Wrapped with Poly(2-methacryloyloxyethyl ferrocenecarboxylate) for Detection of the Content of Food Additives. <b>2019</b> , 9,	6
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332	Conductive Polymer Composites from Renewable Resources: An Overview of Preparation, Properties, and Applications. <b>2019</b> , 11,	57
331	Facile fabrication of highly conductive and robust three-dimensional graphene/silver nanowires bicontinuous skeletons for electromagnetic interference shielding silicone rubber nanocomposites. <b>2019</b> , 119, 101-110	42
330	Rapid Prototyping of Efficient Electromagnetic Interference Shielding Polymer Composites via Fused Deposition Modeling. <b>2019</b> , 9, 37	22
329	Study of chromatographic fractions from carbon dots isolated by column chromatography and a binary gradient elution via RP-HPLC. <b>2019</b> , 11, 760-766	11
328	Enhancing the EMI shielding of natural rubber-based supercritical CO foams by exploiting their porous morphology and CNT segregated networks. <b>2019</b> , 11, 1011-1020	96

327	Exploiting the piezoresistivity and EMI shielding of polyetherimide/carbon nanotube foams by tailoring their porous morphology and segregated CNT networks. <b>2019</b> , 124, 105463	55
326	Highly conductive and stretchable carbon nanotube/thermoplastic polyurethane composite for wearable heater. <b>2019</b> , 181, 107695	53
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322	Highly stretchable electromagnetic interference (EMI) shielding segregated polyurethane/carbon nanotube composites fabricated by microwave selective sintering. <b>2019</b> , 7, 7938-7946	90
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320	Simultaneous realization of conductive segregation network microstructure and minimal surface porous macrostructure by SLS 3D printing. <b>2019</b> , 178, 107874	37
319	Achieving high electrical conductivity and excellent electromagnetic interference shielding in poly(lactic acid)/silver nanocomposites by constructing large-area silver nanoplates in polymer matrix. <b>2019</b> , 171, 204-213	54
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316	Sensitive conductive polymer nanocomposites from multiwalled carbon nanotube coated with polypyrrole and hydroxyl-terminated poly(butadiene-co-acrylonitile) polyurethane for detection of chloroform vapor. <b>2019</b> , 173, 106894	4
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312	Deep focusing on the role of microstructures in shape memory properties of polymer composites: A critical review. <b>2019</b> , 117, 280-303	48
311	Achieving highly electrical conductivity and piezoresistive sensitivity in polydimethylsiloxane/multi-walled carbon nanotube composites via the incorporation of silicon dioxide micro-particles. <b>2019</b> , 177, 41-48	37
310	Improving the thermal and electrical properties of polymer composites by ordered distribution of carbon micro- and nanofillers. <b>2019</b> , 138, 75-84	18

309	Highly conductive and light-weight acrylonitrile-butadiene-styrene copolymer/reduced graphene nanocomposites with segregated conductive structure. <b>2019</b> , 122, 1-7	28
308	Enhanced thermal conductivity by combined fillers in polymer composites. <b>2019</b> , 676, 198-204	13
307	Development of segregated 3D graphene networks in rubber nanocomposites with enhanced electrical and mechanical properties. <b>2019</b> , 26, 1	5
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305	Reversibly cross-linked fullerene/polyamide composites based on Diels-Alder reaction. <b>2019</b> , 176, 9-16	9
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303	Synergistic Effect of Aligned Graphene Nanosheets in Graphene Foam for High-Performance Thermally Conductive Composites. <b>2019</b> , 31, e1900199	111
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301	High conductive and mechanical robust carbon nanotubes/waterborne polyurethane composite films for efficient electromagnetic interference shielding. <b>2019</b> , 121, 411-417	61
300	Influence of keratin and DNA coating on fire retardant magnesium hydroxide dispersion and flammability characteristics of PE/EVA blends. <b>2019</b> , 165, 1-11	15
299	Flexible and flame-retarding thermoplastic polyurethane-based electromagnetic interference shielding composites. <b>2019</b> , 370, 1341-1349	48
298	Electrical conductivity enhancement of hybrid PA6,6 composite containing multiwall carbon nanotube and carbon black for shielding effectiveness application in textiles. <b>2019</b> , 251, 75-84	11
297	Asymmetric deformation in poly(ethylene-co-1-octene)/multi-walled carbon nanotube composites with glass micro-beads for highly piezoresistive sensitivity. <b>2019</b> , 370, 176-184	22
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289	Silica coating onto graphene for improving thermal conductivity and electrical insulation of graphene/polydimethylsiloxane nanocomposites. <b>2019</b> , 35, 36-43	40
288	Effect of preparation methods on electrical and electromagnetic interference shielding properties of PMMA/MWCNT nanocomposites. <b>2019</b> , 40, E1786-E1800	8
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286	Polymeric composites for powder-based additive manufacturing: Materials and applications.  Progress in Polymer Science, <b>2019</b> , 91, 141-168	201
285	Percolation behavior of electromagnetic interference shielding in polymer/multi-walled carbon nanotube nanocomposites. <b>2019</b> , 170, 70-76	70
284	Nanocomposite polymeric materials with 3D graphene-based architectures: from design strategies to tailored properties and potential applications. <i>Progress in Polymer Science</i> , <b>2019</b> , 89, 213-249	52
283	Segregated double network enabled effective electromagnetic shielding composites with extraordinary electrical insulation and thermal conductivity. <b>2019</b> , 117, 56-64	49
282	Influence of conductive nano- and microfiller distribution on electrical conductivity and EMI shielding properties of polymer/carbon composites. <b>2019</b> , 170, 51-59	34
281	A review of the electrical and mechanical properties of carbon nanofiller-reinforced polymer composites. <b>2019</b> , 54, 1036-1076	114
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271	Polymer-based conductive composites for 3D and 4D printing of electrical circuits. <b>2020</b> , 45-83	3
270	A review on polyaniline-based materials applications in heavy metals removal and catalytic processes. <b>2020</b> , 231, 115901	65
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263	Synergistic augmentation of polypropylene composites by hybrid morphology polyaniline particles for antistatic packaging applications. <b>2020</b> , 7, 015331	5
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259	Structure-property relationship in silicone rubber nanocomposites reinforced with carbon nanomaterials for sensors and actuators. <b>2020</b> , 303, 111712	16
258	Solid-state shear milling method to prepare PA12/boron nitride thermal conductive composite powders and their selective laser sintering 3D-printing. <b>2020</b> , 137, 48766	18
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256	Highly stretchable, recyclable, notch-insensitive, and conductive polyacrylonitrile-derived organogel. <b>2020</b> , 8, 20346-20353	20

255	Construction of efficient thermally conductive networks with macroscopic separated architectures for polymer based energetic composites. <b>2020</b> , 203, 108447	5
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238	Carbon Nanomaterials for Electro-Active Structures: A Review. <b>2020</b> , 12,	8

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230	Scalable graphene-based nanocomposite coatings for flexible and washable conductive textiles. <b>2020</b> , 167, 495-503	10
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