

Mohammad Arjmand

List of Publications by Year in descending order

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papers

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61984

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times ranked

5811
citing authors

#	ARTICLE	IF	CITATIONS
1	A review: silicate ceramic-polymer composite scaffold for bone tissue engineering. International Journal of Polymeric Materials and Polymeric Biomaterials, 2022, 71, 180-195.	3.4	29
2	Synthesis, Applications, and Prospects of Graphene Quantum Dots: A Comprehensive Review. Small, 2022, 18, e2102683.	10.0	151
3	Graphene oxide doped ethanol droplet combustion: Ignition delay and contribution of atomization to burning rate. Combustion and Flame, 2022, 238, 111748.	5.2	7
4	Ultrasensitive early detection of insulin antibody employing novel electrochemical nano-biosensor based on controllable electro-fabrication process. Talanta, 2022, 238, 122947.	5.5	18
5	Antibody mounting capability of 1D/2D carbonaceous nanomaterials toward rapid-specific detection of SARS-CoV-2. Talanta, 2022, 239, 123113.	5.5	15
6	UiO-66 metal-organic frameworks in water treatment: A critical review. Progress in Materials Science, 2022, 125, 100904.	32.8	161
7	Simultaneous electrochemical detection of Cd and Pb in aquatic samples via coupled graphene with brominated white polyaniline flakes. European Polymer Journal, 2022, 162, 110926.	5.4	17
8	Differentiable detection of ethanol/methanol in biological fluids using prompt graphene-based electrochemical nanosensor coupled with catalytic complex of nickel oxide/8-hydroxyquinoline. Analytica Chimica Acta, 2022, 1194, 339407.	5.4	6
9	Epoxy nanocomposite coating based on calcium zinc phosphate with dual active/barrier corrosion mitigation properties. Progress in Organic Coatings, 2022, 163, 106677.	3.9	11
10	Synergic effect of laser-assisted graphene with silver nanowire reinforced polyindole/polypyrrole toward superior energy density. Carbon, 2022, 188, 276-288.	10.3	16
11	Multilayer polymeric nanocomposite thin film heater and electromagnetic interference shield. Chemical Engineering Journal, 2022, 435, 134598.	12.7	22
12	Mechanical properties of bamboo fiber-reinforced polymer composites: a review of recent case studies. Journal of Materials Science, 2022, 57, 3143-3167.	3.7	53
13	A review of recent progress in improving the fracture toughness of epoxy-based composites using carbonaceous nanofillers. Polymer Composites, 2022, 43, 1871-1886.	4.6	64
14	Extrinsic toughening of recycled carbon fibers in polypropylene composites in the absence of plasticity penalty. Journal of Composite Materials, 2022, 56, 941-950.	2.4	3
15	High-resolution extrusion printing of Ti3C2-based inks for wearable human motion monitoring and electromagnetic interference shielding. Carbon, 2022, 191, 277-289.	10.3	47
16	Interfacial Assembly of Graphene Oxide: From Super Elastic Interfaces to Liquid-Liquid Printing. Advanced Materials Interfaces, 2022, 9, .	3.7	15
17	Interfacial Assembly of Graphene Oxide: From Super Elastic Interfaces to Liquid-Liquid Printing (Adv. Tj ETQq1] 0.784314 rgBT	3.7	15
18	Low-Profile Planar Antenna Sensor Based on C_{20} MXene Membrane for VOC and Humidity Monitoring. Advanced Materials Interfaces, 2022, 9, .	3.7	30

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19	Polystyrene/polyolefin elastomer/halloysite nanotubes blend nanocomposites: Morphology&thermal degradation kinetics relationship. <i>Polymers for Advanced Technologies</i> , 2022, 33, 2149-2165.	3.2	17
20	Structured Ultra&Flyweight Aerogels by Interfacial Complexation: Self&Assembly Enabling Multiscale Designs. <i>Small</i> , 2022, 18, e2200220.	10.0	14
21	In-depth study of mechanical properties of poly(lactic acid)/thermoplastic polyurethane/hydroxyapatite blend nanocomposites. <i>Journal of Materials Science</i> , 2022, 57, 7250-7264.	3.7	18
22	Graphene oxide enhances thermal stability and microwave absorption/regeneration of a porous polymer. <i>Journal of Hazardous Materials</i> , 2022, 433, 128792.	12.4	14
23	Fumed Silica-Based Suspensions for Shear Thickening Applications: A Full-Scale Rheological Study. <i>Langmuir</i> , 2022, 38, 5006-5019.	3.5	11
24	Coordination chemistry of metal&organic frameworks: Detection, adsorption, and photodegradation of tetracycline antibiotics and beyond. <i>Coordination Chemistry Reviews</i> , 2022, 464, 214562.	18.8	76
25	Cerium-doped tannic acid-reduced graphene oxide nanoplateform/epoxy nanocomposite coatings with enhanced mechanical and Bi-functional corrosion protection properties. <i>Composites Part B: Engineering</i> , 2022, 239, 109969.	12.0	27
26	Efficient removal of heavy metal ions from aqueous media by unmodified and modified nanodiamonds. <i>Journal of Environmental Management</i> , 2022, 316, 115214.	7.8	31
27	Structured Ultra&Flyweight Aerogels by Interfacial Complexation: Self&Assembly Enabling Multiscale Designs (Small 20/2022). <i>Small</i> , 2022, 18, .	10.0	1
28	A review of electrical and thermal conductivities of epoxy resin systems reinforced with carbon nanotubes and graphene-based nanoparticles. <i>Polymer Testing</i> , 2022, 112, 107645.	4.8	51
29	Transparent sodium polytungstate polyoxometalate aquatic shields toward effective X-ray radiation protection: Alternative to lead glasses. <i>Materials Today Communications</i> , 2022, 31, 103822.	1.9	12
30	Ethylenediamine-functionalized Zr-based MOF for efficient removal of heavy metal ions from water. <i>Chemosphere</i> , 2021, 264, 128466.	8.2	179
31	Adsorption performance of UiO-66 towards organic dyes: Effect of activation conditions. <i>Journal of Molecular Liquids</i> , 2021, 321, 114487.	4.9	42
32	Magnetic Fe ₃ O ₄ @UiO-66 nanocomposite for rapid adsorption of organic dyes from aqueous solution. <i>Journal of Molecular Liquids</i> , 2021, 322, 114910.	4.9	97
33	X&band dielectric properties of hybrid nanocomposites of nitrogen&doped carbon nanotube/functionalized nanoclay/polyvinylidene fluoride nanocomposite. <i>Polymer Composites</i> , 2021, 42, 1034-1048.	4.6	11
34	Aluminum-based metal-organic frameworks for adsorptive removal of anti-cancer (methotrexate) drug from aqueous solutions. <i>Journal of Environmental Management</i> , 2021, 277, 111448.	7.8	59
35	Enhanced active/barrier corrosion protective properties of epoxy coatings containing eco-friendly green inorganic/organic hybrid pigments based on zinc cations/ <i>Ferula Asafoetida</i> leaves. <i>Journal of Molecular Liquids</i> , 2021, 323, 114584.	4.9	17
36	Morphology Evolution, Molecular Simulation, Electrical Properties, and Rheology of Carbon Nanotube/Polypropylene/Polystyrene Blend Nanocomposites: Effect of Molecular Interaction between Styrene-Butadiene Block Copolymer and Carbon Nanotube. <i>Polymers</i> , 2021, 13, 230.	4.5	10

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37	A review of low-temperature H ₂ S gas sensors: fabrication and mechanism. <i>New Journal of Chemistry</i> , 2021, 45, 17727-17752.	2.8	30
38	Mechanical analysis of aligned carbon nanotube bundles under electric field. <i>International Journal of Mechanical Sciences</i> , 2021, 196, 106289.	6.7	5
39	Review of Bioprinting in Regenerative Medicine: Naturally Derived Bioinks and Stem Cells. <i>ACS Applied Bio Materials</i> , 2021, 4, 4049-4070.	4.6	19
40	Zinc-doped silica/polyaniline core/shell nanoparticles towards corrosion protection epoxy nanocomposite coatings. <i>Composites Part B: Engineering</i> , 2021, 212, 108713.	12.0	41
41	Study the Mechanism of Antileishmanial Action of <i>Xanthium strumarium</i> Against Amastigotes Stages in <i>Leishmania major</i> : A Metabolomics Approach. <i>Jundishapur Journal of Natural Pharmaceutical Products</i> , 2021, 16, .	0.6	2
42	Epoxy nanocomposite coatings with enhanced dual active/barrier behavior containing graphene-based carbon hollow spheres as corrosion inhibitor nanoreservoirs. <i>Corrosion Science</i> , 2021, 185, 109428.	6.6	41
43	Shrinkage Stress and Temperature Variation in Resin Composites Cured via Different Photoactivation Methods: Insights for Standardisation of the Photopolymerisation. <i>Polymers</i> , 2021, 13, 2065.	4.5	5
44	Electrospun chitosan/polyvinyl alcohol nanocomposite holding polyaniline/silica hybrid nanostructures: An efficient adsorbent of dye from aqueous solutions. <i>Journal of Molecular Liquids</i> , 2021, 331, 115734.	4.9	24
45	Decorated graphene oxide flakes with integrated complex of 8-hydroxyquinoline/NiO toward accurate detection of glucose at physiological conditions. <i>Journal of Electroanalytical Chemistry</i> , 2021, 893, 115303.	3.8	11
46	Ultrasensitive Biomolecule-Free Nanosensor Based on β -Cyclodextrin/Quinoline Decorated Graphene Oxide toward Prompt and Differentiable Detection of Corona and Influenza Viruses. <i>Advanced Materials Technologies</i> , 2021, 6, 2100341.	5.8	13
47	Fe ₃ O ₄ @PAA@UiO-66-NH ₂ magnetic nanocomposite for selective adsorption of Quercetin. <i>Chemosphere</i> , 2021, 275, 130087.	8.2	47
48	Waste to Value-Added Product: Developing Electrically Conductive Nanocomposites Using a Non-Recyclable Plastic Waste Containing Vulcanized Rubber. <i>Polymers</i> , 2021, 13, 2427.	4.5	5
49	Toxicity and remediation of pharmaceuticals and pesticides using metal oxides and carbon nanomaterials. <i>Chemosphere</i> , 2021, 275, 130055.	8.2	89
50	Amino-Functionalized MXene Nanosheets Doped with Ce(III) as Potent Nanocontainers toward Self-Healing Epoxy Nanocomposite Coating for Corrosion Protection of Mild Steel. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 42074-42093.	8.0	103
51	Ultra-precise label-free nanosensor based on integrated graphene with Au nanostars toward direct detection of IgG antibodies of SARS-CoV-2 in blood. <i>Journal of Electroanalytical Chemistry</i> , 2021, 894, 115341.	3.8	41
52	Reinforced polypyrrole with 2D graphene flakes decorated with interconnected nickel-tungsten metal oxide complex toward superiorly stable supercapacitor. <i>Chemical Engineering Journal</i> , 2021, 418, 129396.	12.7	48
53	CO ₂ /CH ₄ separation by mixed-matrix membranes holding functionalized NH ₂ -MIL-101(Al) nanoparticles: Effect of amino-silane functionalization. <i>Chemical Engineering Research and Design</i> , 2021, 176, 49-59.	5.6	34
54	Toughening of epoxy resin systems using core-shell rubber particles: a literature review. <i>Journal of Materials Science</i> , 2021, 56, 18345-18367.	3.7	44

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55	Graphene oxide/polyaniline-based microwave split-ring resonator: A versatile platform towards ammonia sensing. <i>Journal of Hazardous Materials</i> , 2021, 418, 126283.	12.4	31
56	A novel electro-mechanical technique for efficient dispersion of carbon nanotubes in liquid media. <i>International Journal of Mechanical Sciences</i> , 2021, 207, 106633.	6.7	7
57	Simultaneous detection and removal of fluoride from water using smart metal-organic framework-based adsorbents. <i>Coordination Chemistry Reviews</i> , 2021, 445, 214037.	18.8	76
58	Influence of Graphene Oxide on Thermally Induced Shape Memory Behavior of PLA/TPU Blends: Correlation with Morphology, Creep Behavior, Crystallinity, and Dynamic Mechanical Properties. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2000576.	3.6	26
59	Dielectrorheology of Aspect-Ratio-Tailored Carbon Nanotube/Polyethylene Composites under Large Deformations: Implications for High-Temperature Dielectrics. <i>ACS Applied Nano Materials</i> , 2021, 4, 11493-11504.	5.0	11
60	Multilayer polymeric nanocomposites for electromagnetic interference shielding: fabrication, mechanisms, and prospects. <i>New Journal of Chemistry</i> , 2021, 45, 21488-21507.	2.8	34
61	Scalable manufacturing of flexible and highly conductive Ti ₃ C ₂ T _x /PEDOT:PSS thin films for electromagnetic interference shielding. <i>New Journal of Chemistry</i> , 2021, 45, 20787-20799.	2.8	15
62	Graphene-Based Femtogram-Level Sensitive Molecularly Imprinted Polymer of SARS-CoV-2. <i>Advanced Materials Interfaces</i> , 2021, 8, 2101466.	3.7	20
63	A Simple Approach to Control the Physical and Chemical Features of Custom-Synthesized N-Doped Carbon Nanotubes and the Extent of Their Network Formation in Polymers: The Importance of Catalyst to Substrate Ratio. <i>Polymers</i> , 2021, 13, 4156.	4.5	2
64	Epoxy/CNT-Zn _{0.5} Ni _{0.5} Fe ₂ O ₄ Multilayer Polymeric Nanocomposites for Electromagnetic Wave Absorption. , 2021, , .		0
65	Advanced 3D Printed Conductive Polymer Nanocomposites for Electromagnetic Shielding. , 2021, , .		1
66	3D printing of transparent pH-mediated high-water-content hydrogels for electromagnetic interference (EMI) shielding. , 2021, , .		0
67	Multilayer Structures of a Zn _{0.5} Ni _{0.5} Fe ₂ O ₄ -Reduced Graphene Oxide/PVDF Nanocomposite for Tunable and Highly Efficient Microwave Absorbers. <i>ACS Applied Electronic Materials</i> , 2021, 3, 5514-5527.	4.3	40
68	Xanthatin Induces Leishmanicidal Activity by Affecting Carbon Metabolism in Amastigotes.. <i>Iranian Journal of Pharmaceutical Research</i> , 2021, 20, 59-70.	0.5	1
69	Facile one-pot synthesis of water-dispersible phosphate functionalized reduced graphene oxide toward high-performance energy storage devices. <i>Chemical Communications</i> , 2020, 56, 1373-1376.	4.1	37
70	On evaluation of thermophysical properties of transformer oil-based nanofluids: A comprehensive modeling and experimental study. <i>Journal of Molecular Liquids</i> , 2020, 300, 112249.	4.9	61
71	Effect of nitrogen doping on medium-amplitude oscillatory shear (MAOS) response of nanotube/polyvinylidene fluoride nanocomposites: Molecular simulations, rheology, and broadband electrical conductivity. <i>Journal of Rheology</i> , 2020, 64, 1343-1356.	2.6	0
72	Nitrogen-doped carbon nanotubes towards electrochemical sensing: Effect of synthesis temperature. <i>Diamond and Related Materials</i> , 2020, 110, 108093.	3.9	7

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73	Impact of scale, activation solvents, and aged conditions on gas adsorption properties of UiO-66. <i>Journal of Environmental Management</i> , 2020, 274, 111155.	7.8	53
74	Molecular-layer-deposited tincone: a new hybrid organic-inorganic anode material for three-dimensional microbatteries. <i>Chemical Communications</i> , 2020, 56, 13221-13224.	4.1	8
75	Intra-Cycle Elastic Nonlinearity of Nitrogen-Doped Carbon Nanotube/Polymer Nanocomposites under Medium Amplitude Oscillatory Shear (MAOS) Flow. <i>Nanomaterials</i> , 2020, 10, 1257.	4.1	19
76	A Study of Synergy of Combination of Eosin B with Chloroquine, Artemisinin, and Sulphadoxine-Pyrimethamine on <i>Plasmodium falciparum</i> In Vitro and <i>Plasmodium berghei</i> In Vivo. <i>Journal of Tropical Medicine</i> , 2020, 2020, 1-10.	1.7	3
77	Microstructural design for enhanced mechanical and shape memory performance of polyurethane nanocomposites: Role of hybrid nanofillers of montmorillonite and halloysite nanotube. <i>Applied Clay Science</i> , 2020, 198, 105816.	5.2	48
78	Interface Bridging of Multiwalled Carbon Nanotubes in Poly(lactic Acid)/Poly(butylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (adip Macromolecules, 2020, 53, 10267-10277.	4.8	39
79	Synthesis of core/shell-structured CaCu ₃ Ti ₄ O ₁₂ /SiO ₂ composites for effective degradation of rhodamine B under ultraviolet light. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 19587-19598.	2.2	31
80	Application of amorphous silica nanoparticles in improving the rheological properties, filtration and shale stability of glycol-based drilling fluids. <i>International Communications in Heat and Mass Transfer</i> , 2020, 115, 104625.	5.6	27
81	Superior chemical stability of UiO-66 metal-organic frameworks (MOFs) for selective dye adsorption. <i>Chemical Engineering Journal</i> , 2020, 399, 125346.	12.7	305
82	Microstructural design for enhanced mechanical property and shape memory behavior of polyurethane nanocomposites: Role of carbon nanotube, montmorillonite, and their hybrid fillers. <i>Polymer Testing</i> , 2020, 89, 106642.	4.8	47
83	Filler-Free Conducting Polymers as a New Class of Transparent Electromagnetic Interference Shields. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 28596-28606.	8.0	50
84	Mechanical properties of extruded glass fiber reinforced thermoplastic polyolefin composites. <i>Polymer Composites</i> , 2020, 41, 3748-3757.	4.6	24
85	Photocatalytic Degradation of Organic Dye by Sol-Gel-Synthesized CaCu ₃ Ti ₄ O ₁₂ Powder. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 2006-2014.	2.5	38
86	Application of sustainable saffron purple petals as an eco-friendly green additive for drilling fluids: A rheological, filtration, morphological, and corrosion inhibition study. <i>Journal of Molecular Liquids</i> , 2020, 315, 113707.	4.9	37
87	Superior X-ray Radiation Shielding Effectiveness of Biocompatible Polyaniline Reinforced with Hybrid Graphene Oxide-Iron Tungsten Nitride Flakes. <i>Polymers</i> , 2020, 12, 1407.	4.5	43
88	Influence of polypropylene and nanoclay on thermal and thermo-oxidative degradation of poly(lactide) Tj ETQq0 0 0 rgBT /Overlock 10 T 2.7 17	2.7	17
89	Effects of multiwall carbon nanotubes on dielectric and mechanical properties of CaCu ₃ Ti ₄ O ₁₂ composite. <i>Ceramics International</i> , 2020, 46, 20313-20319.	4.8	17
90	Highly Sensitive and Contactless Ammonia Detection Based on Nanocomposites of Phosphate-Functionalized Reduced Graphene Oxide/Polyaniline Immobilized on Microstrip Resonators. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 9746-9754.	8.0	53

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91	The role of polycaprolactone-triol (PCL-T) in biomedical applications: A state-of-the-art review. <i>European Polymer Journal</i> , 2020, 131, 109701.	5.4	59
92	Effects of hybrid carbon-aramid fiber on performance of non-asbestos organic brake friction composites. <i>Wear</i> , 2020, 452-453, 203280.	3.1	46
93	Programing polyurethane with rational surface-modified graphene platelets for shape memory actuators and dielectric elastomer generators. <i>European Polymer Journal</i> , 2020, 133, 109745.	5.4	39
94	Nitrogen-Doped Carbon Nanotube/Polypropylene Composites with Negative Seebeck Coefficient. <i>Journal of Composites Science</i> , 2020, 4, 14.	3.0	22
95	Carbon dioxide utilization in methanol synthesis plant: process modeling. <i>Chemical Product and Process Modeling</i> , 2020, .	0.9	0
96	Amino-silane-grafted NH ₂ -MIL-53(Al)/polyethersulfone mixed matrix membranes for CO ₂ /CH ₄ separation. <i>Dalton Transactions</i> , 2019, 48, 13555-13566.	3.3	45
97	Influence of annealing temperature on morphological and photocatalytic activity of sputter-coated CaCu ₃ Ti ₄ O ₁₂ thin film under ultraviolet light irradiation. <i>Ceramics International</i> , 2019, 45, 20697-20703.	4.8	38
98	Sensors/Biosensors: Nanocomposite of Nitrogen-Doped Graphene/Polyaniline for Enhanced Ammonia Gas Detection (<i>Adv. Mater. Interfaces</i> 16/2019). <i>Advanced Materials Interfaces</i> , 2019, 6, 1970101.	3.7	16
99	Properties of talc filled reactor-made thermoplastic polyolefin composites. <i>Journal of Polymer Research</i> , 2019, 26, 1.	2.4	20
100	Simultaneous electrochemical-assisted exfoliation and in situ surface functionalization towards large-scale production of few-layer graphene. <i>FlatChem</i> , 2019, 18, 100132.	5.6	19
101	Cellulose nanocrystal structure in the presence of salts. <i>Cellulose</i> , 2019, 26, 9387-9401.	4.9	33
102	Structural Characterization of CVD Custom-Synthesized Carbon Nanotube/Polymer Nanocomposites in Large-Amplitude Oscillatory Shear (LAOS) Mode: Effect of Dispersion Characteristics in Confined Geometries. <i>Macromolecules</i> , 2019, 52, 1489-1504.	4.8	39
103	Carbon Nanotube versus Graphene Nanoribbon: Impact of Nanofiller Geometry on Electromagnetic Interference Shielding of Polyvinylidene Fluoride Nanocomposites. <i>Polymers</i> , 2019, 11, 1064.	4.5	32
104	Nanocomposite of Nitrogen-Doped Graphene/Polyaniline for Enhanced Ammonia Gas Detection. <i>Advanced Materials Interfaces</i> , 2019, 6, 1900552.	3.7	32
105	Paraffin/CuO nanocomposites as phase change materials: Effect of surface modification of CuO. <i>Polymer Composites</i> , 2019, 40, 4362-4370.	4.6	8
106	Effect of Ar:N ₂ flow rate on morphology, optical and electrical properties of CCTO thin films deposited by RF magnetron sputtering. <i>Ceramics International</i> , 2019, 45, 15077-15081.	4.8	31
107	Graphene-based phase change composites for energy harvesting and storage: State of the art and future prospects. <i>Carbon</i> , 2019, 148, 441-480.	10.3	126
108	Synergistic effect of hybrid stainless steel fiber and carbon nanotube on mechanical properties and electromagnetic interference shielding of polypropylene nanocomposites. <i>Composites Part B: Engineering</i> , 2019, 165, 662-670.	12.0	73

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109	Effect of WO ₃ loading on structural, electrical and dielectric properties of CaCu ₃ Ti ₄ O ₁₂ ceramic composites. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 6806-6810.	2.2	11
110	Effect of short carbon fiber on thermal, mechanical and tribological behavior of phenolic-based brake friction materials. <i>Composites Part B: Engineering</i> , 2019, 168, 98-105.	12.0	92
111	Frictional behavior of resin-based brake composites: Effect of carbon fibre reinforcement. <i>Wear</i> , 2019, 420-421, 108-115.	3.1	37
112	Electrical conductivity of electrospun nanofiber mats of polyamide 6/polyaniline coated with nitrogen-doped carbon nanotubes. <i>Materials and Design</i> , 2018, 141, 333-341.	7.0	38
113	Lead oxide-decorated graphene oxide/epoxy composite towards X-Ray radiation shielding. <i>Radiation Physics and Chemistry</i> , 2018, 146, 77-85.	2.8	70
114	Nanofibers of poly(vinylidene fluoride)/copper nanowire: Microstructural analysis and dielectric behavior. <i>European Polymer Journal</i> , 2018, 101, 46-55.	5.4	12
115	Ultrasound-assisted synthesis and characterization of magnetite nanoparticles and poly(methyl Tj ETQq1 1 0.784314 rgBT /Overlock	8.2	39
116	Effect of carbon nanotubes on electromagnetic interference shielding of carbon fiber reinforced polymer composites. <i>Polymer Composites</i> , 2018, 39, E655.	4.6	39
117	Electrified single-walled carbon nanotube/epoxy nanocomposite via vacuum shock technique: Effect of alignment on electrical conductivity and electromagnetic interference shielding. <i>Polymer Composites</i> , 2018, 39, E1139.	4.6	47
118	Phase stability analysis on green methanol synthesis process from CO ₂ hydrogenation in water cooled, gas cooled and double cooled tubular reactors. <i>Fuel Processing Technology</i> , 2018, 181, 375-387.	7.2	17
119	Colloidal Behavior of Cellulose Nanocrystals in Presence of Sodium Chloride. <i>ChemistrySelect</i> , 2018, 3, 4969-4978.	1.5	31
120	Octadecyl Amine Functionalized Graphene Oxide towards Hydrophobic Chemical Resistant Epoxy Nanocomposites. <i>ChemistrySelect</i> , 2018, 3, 7200-7207.	1.5	37
121	Tuneable Dielectric Properties Derived from Nitrogen-Doped Carbon Nanotubes in PVDF-Based Nanocomposites. <i>ACS Omega</i> , 2018, 3, 9966-9980.	3.5	16
122	Vapour and Solution Uptake Properties of Starch and Cellulose Biopolymers. <i>Journal of Geoscience and Environment Protection</i> , 2018, 06, 101-117.	0.5	4
123	Three-dimensional printing of highly conductive polymer nanocomposites for EMI shielding applications. <i>Materials Today Communications</i> , 2017, 11, 112-118.	1.9	138
124	Carbon nanotube induced double percolation in polymer blends: Morphology, rheology and broadband dielectric properties. <i>Polymer</i> , 2017, 114, 122-134.	3.8	106
125	Effect of Nanofiller Geometry on Network Formation in Polymeric Nanocomposites: Comparison of Rheological and Electrical Properties of Multiwalled Carbon Nanotube and Graphene Nanoribbon. <i>Macromolecules</i> , 2017, 50, 3954-3967.	4.8	75
126	Impact of synthesis temperature on morphology, rheology and electromagnetic interference shielding of CVD-grown carbon nanotube/polyvinylidene fluoride nanocomposites. <i>Synthetic Metals</i> , 2017, 230, 39-50.	3.9	45

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127	Segregated Hybrid Poly(methyl methacrylate)/Graphene/Magnetite Nanocomposites for Electromagnetic Interference Shielding. ACS Applied Materials & Interfaces, 2017, 9, 14171-14179.	8.0	291
128	Silver Nanowire/MnO ₂ Nanowire Hybrid Polymer Nanocomposites: Materials with High Dielectric Permittivity and Low Dielectric Loss. ACS Applied Materials & Interfaces, 2017, 9, 14328-14336.	8.0	77
129	Significance of interfacial interaction and agglomerates on electrical properties of polymer-carbon nanotube nanocomposites. Materials and Design, 2017, 125, 126-134.	7.0	79
130	Carbon Nanotube/Graphene Nanoribbon/Polyvinylidene Fluoride Hybrid Nanocomposites: Rheological and Dielectric Properties. Journal of Physical Chemistry C, 2017, 121, 169-181.	3.1	65
131	Tunable electrical conductivity of polystyrene/polyamide-6/carbon nanotube blend nanocomposites via control of morphology and nanofiller localization. European Polymer Journal, 2017, 95, 418-429.	5.4	47
132	Quantitative analysis of nanoscale electrical properties of CNT/PVDF nanocomposites by current sensing AFM. RSC Advances, 2017, 7, 32564-32573.	3.6	4
133	Effect of carbon nanotubes on morphology evolution of polypropylene/polystyrene blends: understanding molecular interactions and carbon nanotube migration mechanisms. RSC Advances, 2017, 7, 54222-54234.	3.6	12
134	Cobalt Catalyst Grown Carbon Nanotube/Poly(Vinylidene Fluoride) Nanocomposites: Effect of Synthesis Temperature on Morphology, Electrical Conductivity and Electromagnetic Interference Shielding. ChemistrySelect, 2017, 2, 10271-10284.	1.5	34
135	DC electrorheological response of polyethylene/organically modified layered silicate nanocomposites. Journal of Polymer Science, Part B: Polymer Physics, 2017, 55, 1298-1309.	2.1	3
136	Impact of synthesis temperature on structure of carbon nanotubes and morphological and electrical characterization of their polymeric nanocomposites. AIP Conference Proceedings, 2017, , .	0.4	2
137	Effects of garlic on brachial endothelial function and capacity of plasma to mediate cholesterol efflux in patients with coronary artery disease. Anatolian Journal of Cardiology, 2017, 18, 116-121.	0.9	17
138	Staging of colorectal cancer using serum metabolomics with HNMR Spectroscopy. Iranian Journal of Basic Medical Sciences, 2017, 20, 835-840.	1.0	13
139	Dielectric properties of multiwalled carbon nanotube/clay/polyvinylidene fluoride nanocomposites: Effect of clay incorporation. Polymer Composites, 2016, 37, 161-167.	4.6	30
140	The Effect of Aqueous Extract of Cinnamon on the Metabolome of Plasmodium falciparum Using ¹ H NMR Spectroscopy. Journal of Tropical Medicine, 2016, 2016, 1-5.	1.7	18
141	Macromol. Mater. Eng. 5/2016. Macromolecular Materials and Engineering, 2016, 301, 640-640.	3.6	0
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