

# Ayesha Kausar

## List of Publications by Year in descending order

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87723

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docs citations

369  
times ranked

6217  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of Applications of Polymer/Carbon Nanotubes and Epoxy/CNT Composites. Polymer-Plastics Technology and Engineering, 2016, 55, 1167-1191.	1.9	208
2	Polyurethane Composite Foams in High-Performance Applications: A Review. Polymer-Plastics Technology and Engineering, 2018, 57, 346-369.	1.9	185
3	Recent Developments in Sulfur-Containing Polymers. Polymer Reviews, 2014, 54, 185-267.	5.3	133
4	A Review on Preparation, Properties and Applications of Polymeric Nanoparticle-Based Materials. Polymer-Plastics Technology and Engineering, 2015, 54, 325-341.	1.9	113
5	Advances in Polymeric Nanofiltration Membrane: A Review. Polymer-Plastics Technology and Engineering, 2017, 56, 841-856.	1.9	100
6	Exploration of Epoxy Resins, Hardening Systems, and Epoxy/Carbon Nanotube Composite Designed for High Performance Materials: A Review. Polymer-Plastics Technology and Engineering, 2016, 55, 312-333.	1.9	98
7	Aerospace Application of Polymer Nanocomposite with Carbon Nanotube, Graphite, Graphene Oxide, and Nanoclay. Polymer-Plastics Technology and Engineering, 2017, 56, 1438-1456.	1.9	96
8	A review of graphene oxide, graphene buckypaper, and polymer/graphene composites: Properties and fabrication techniques. Journal of Plastic Film and Sheeting, 2016, 32, 336-379.	1.3	93
9	Advent of alkali metal doping: a roadmap for the evolution of perovskite solar cells. Chemical Society Reviews, 2021, 50, 2696-2736.	18.7	90
10	Review on Polymer/Halloysite Nanotube Nanocomposite. Polymer-Plastics Technology and Engineering, 2018, 57, 548-564.	1.9	86
11	Progression from Graphene and Graphene Oxide to High Performance Polymer-Based Nanocomposite: A Review. Polymer-Plastics Technology and Engineering, 2015, 54, 173-183.	1.9	84
12	Advances in Epoxy/Graphene Nanoplatelet Composite with Enhanced Physical Properties: A Review. Polymer-Plastics Technology and Engineering, 2016, 55, 643-662.	1.9	76
13	A review of filled and pristine polycarbonate blends and their applications. Journal of Plastic Film and Sheeting, 2018, 34, 60-97.	1.3	74
14	A review of high performance polymer nanocomposites for packaging applications in electronics and food industries. Journal of Plastic Film and Sheeting, 2020, 36, 94-112.	1.3	66
15	Overview on conducting polymer in energy storage and energy conversion system. Journal of Macromolecular Science - Pure and Applied Chemistry, 2017, 54, 640-653.	1.2	64
16	Recent Developments in Different Types of Flame Retardants and Effect on Fire Retardancy of Epoxy Composite. Polymer-Plastics Technology and Engineering, 2016, 55, 1512-1535.	1.9	61
17	Research Progress on Properties and Applications of Polymer/Clay Nanocomposite. Polymer-Plastics Technology and Engineering, 2016, 55, 684-703.	1.9	60
18	Advances in thermoplastic polyurethane composites reinforced with carbon nanotubes and carbon nanofibers: A review. Journal of Plastic Film and Sheeting, 2015, 31, 186-224.	1.3	58

#	ARTICLE	IF	CITATIONS
19	Polymer coating technology for high performance applications: Fundamentals and advances. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2018, 55, 440-448.	1.2	58
20	A Review Featuring Fabrication, Properties and Applications of Carbon Nanotubes (CNTs) Reinforced Polymer and Epoxy Nanocomposites. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2018, 36, 445-461.	2.0	57
21	A Review on Polymeric Nanocomposites of Nanodiamond, Carbon Nanotube, and Nanobifiller: Structure, Preparation and Properties. <i>Polymer-Plastics Technology and Engineering</i> , 2015, 54, 1379-1409.	1.9	55
22	Advances in Polymer/Fullerene Nanocomposite: A Review on Essential Features and Applications. <i>Polymer-Plastics Technology and Engineering</i> , 2017, 56, 594-605.	1.9	55
23	Mechanical properties of functionalized SEBS based inorganic hybrid materials. <i>Polymer Bulletin</i> , 2007, 59, 457-468.	1.7	54
24	Trends in Conducting Polymer and Hybrids of Conducting Polymer/Carbon Nanotube: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2016, 55, 1416-1440.	1.9	54
25	Thermal, mechanical and electrical studies of novel shape memory polyurethane/polyaniline blends. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2015, 33, 1313-1324.	2.0	52
26	Epoxy Resin Composite Reinforced with Carbon Fiber and Inorganic Filler: Overview on Preparation and Properties. <i>Polymer-Plastics Technology and Engineering</i> , 2016, 55, 1653-1672.	1.9	50
27	Advances in Shape Memory Polyurethanes and Composites: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2015, 54, 1410-1423.	1.9	49
28	State-of-the-Art Overview on Polymer/POSS Nanocomposite. <i>Polymer-Plastics Technology and Engineering</i> , 2017, 56, 1401-1420.	1.9	49
29	Corrosion prevention prospects of polymeric nanocomposites: A review. <i>Journal of Plastic Film and Sheeting</i> , 2019, 35, 181-202.	1.3	49
30	Polymer/Graphite Nanocomposites: Physical Features, Fabrication and Current Relevance. <i>Polymer-Plastics Technology and Engineering</i> , 2015, 54, 750-770.	1.9	48
31	Comparative Review on Structure, Properties, Fabrication Techniques, and Relevance of Polymer Nanocomposites Reinforced with Carbon Nanotube and Graphite Fillers. <i>Polymer-Plastics Technology and Engineering</i> , 2016, 55, 171-198.	1.9	48
32	Perspectives of Epoxy/Graphene Oxide Composite: Significant Features and Technical Applications. <i>Polymer-Plastics Technology and Engineering</i> , 2016, 55, 704-722.	1.9	47
33	Progress in Applications of Polymer-Based Membranes in Gas Separation Technology. <i>Polymer-Plastics Technology and Engineering</i> , 2016, 55, 1282-1298.	1.9	45
34	Recent Developments in Epoxy/Graphite, Epoxy/Graphene, and Epoxy/Graphene Nanoplatelet Composites: A Comparative Review. <i>Polymer-Plastics Technology and Engineering</i> , 2016, 55, 1192-1210.	1.9	44
35	Applications of polymer/graphene nanocomposite membranes: a review. <i>Materials Research Innovations</i> , 2019, 23, 276-287.	1.0	44
36	Research Progress in Frontiers of Poly(Ionic Liquid)s: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2017, 56, 1823-1838.	1.9	43

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37	Effect of graphene nanoplatelet addition on properties of thermo-responsive shape memory polyurethane-based nanocomposite. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2016, 24, 235-242.	1.0	41
38	Review of fundamentals and applications of polyester nanocomposites filled with carbonaceous nanofillers. <i>Journal of Plastic Film and Sheeting</i> , 2019, 35, 22-44.	1.3	41
39	A Review on Composite Papers of Graphene Oxide, Carbon Nanotube, Polymer/GO, and Polymer/CNT: Processing Strategies, Properties, and Relevance. <i>Polymer-Plastics Technology and Engineering</i> , 2016, 55, 559-581.	1.9	40
40	New polyaniline/polypyrrole/polythiophene and functionalized multiwalled carbon nanotube-based nanocomposites. <i>High Performance Polymers</i> , 2013, 25, 70-78.	0.8	39
41	Polyacrylonitrile-based nanocomposite fibers: A review of current developments. <i>Journal of Plastic Film and Sheeting</i> , 2019, 35, 295-316.	1.3	38
42	Probing the role of surface treated montmorillonite on the properties of semi-aromatic polyamide/clay nanocomposites. <i>Applied Surface Science</i> , 2008, 255, 2080-2086.	3.1	37
43	Effectiveness of Polystyrene/Carbon Nanotube Composite in Electromagnetic Interference Shielding Materials: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2017, 56, 1027-1042.	1.9	37
44	Shape memory polyurethane/graphene nanocomposites: Structures, properties, and applications. <i>Journal of Plastic Film and Sheeting</i> , 2020, 36, 151-166.	1.3	37
45	Carbon nano onion as versatile contender in polymer compositing and advance application. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2017, 25, 109-123.	1.0	36
46	Fabrication of epoxy functionalized MWCNTs reinforced PVDF nanocomposites with high dielectric permittivity, low dielectric loss and high electrical conductivity. <i>Composites Science and Technology</i> , 2018, 167, 497-506.	3.8	36
47	Reinforcing Effects of Modified Nanodiamonds on the Physical Properties of Polymer-Based Nanocomposites: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2015, 54, 861-879.	1.9	35
48	Review on Technological Significance of Photoactive, Electroactive, pH-sensitive, Water-active, and Thermoresponsive Polyurethane Materials. <i>Polymer-Plastics Technology and Engineering</i> , 2017, 56, 606-616.	1.9	35
49	Polyurethane nanocomposite coatings: state of the art and perspectives. <i>Polymer International</i> , 2018, 67, 1470-1477.	1.6	35
50	Advances in Carbon Fiber Reinforced Polyamide-Based Composite Materials. <i>Advances in Materials Science</i> , 2019, 19, 67-82.	0.4	35
51	Significance of Carbon Nanotube in Flame-Retardant Polymer/CNT Composite: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2017, 56, 470-487.	1.9	34
52	High performance segmented polyurethanes derived from a new aromatic diisocyanate and polyol. <i>Polymer Degradation and Stability</i> , 2013, 98, 368-376.	2.7	33
53	Polymer/Nanodiamond Composites in Li-Ion Batteries: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2014, 53, 550-563.	1.9	33
54	Perspectives of Polystyrene Composite with Fullerene, Carbon Black, Graphene, and Carbon Nanotube: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2016, 55, 1988-2011.	1.9	33

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55	Mechanical, Thermal, and Electrical Properties of Epoxy Matrix Composites Reinforced With Polyamide<i>-Grafted-</i>MWCNT/poly(azo-pyridine-benzophenone-imide)/Polyaniline Nanofibers. International Journal of Polymeric Materials and Polymeric Biomaterials, 2014, 63, 831-839.	1.8	32
56	Attributes of Polymer and Silica Nanoparticle Composites: A Review. Polymer-Plastics Technology and Engineering, 2016, 55, 826-861.	1.9	32
57	Poly(methyl methacrylate) nanocomposite reinforced with graphene, graphene oxide, and graphite: a review. Polymer-Plastics Technology and Materials, 2019, 58, 821-842.	0.6	32
58	Polymer/carbon-based quantum dot nanocomposite: forthcoming materials for technical application. Journal of Macromolecular Science - Pure and Applied Chemistry, 2019, 56, 341-356.	1.2	32
59	Estimation of thermo-mechanical and fire resistance profile of epoxy coated polyurethane/fullerene composite films. Fullerenes Nanotubes and Carbon Nanostructures, 2016, 24, 391-399.	1.0	31
60	Progression from Polyimide to Polyimide Composite in Proton-Exchange Membrane Fuel Cell: A Review. Polymer-Plastics Technology and Engineering, 2017, 56, 1375-1390.	1.9	31
61	Scientific potential of chitosan blending with different polymeric materials: A review. Journal of Plastic Film and Sheeting, 2017, 33, 384-412.	1.3	31
62	Nanodiamond tethered epoxy/polyurethane interpenetrating network nanocomposite: Physical properties and thermoresponsive shape-memory behavior. International Journal of Polymer Analysis and Characterization, 2016, 21, 348-358.	0.9	30
63	Interpenetrating polymer network and nanocomposite IPN of polyurethane/epoxy: a review on fundamentals and advancements. Polymer-Plastics Technology and Materials, 2019, 58, 691-706.	0.6	29
64	Novel processable and heat resistant poly(phenylthiourea azomethine imide)s: Synthesis and characterization. Polymer Degradation and Stability, 2010, 95, 1826-1833.	2.7	28
65	Potential of Polyvinylidene Fluoride/Carbon Nanotube Composite in Energy, Electronics, and Membrane Technology: An Overview. Polymer-Plastics Technology and Engineering, 2016, 55, 1949-1970.	1.9	28
66	An investigation on 4-aminobenzoic acid modified polyvinyl chloride/graphene oxide and PVC/graphene oxide based nanocomposite membranes. Journal of Plastic Film and Sheeting, 2016, 32, 419-448.	1.3	28
67	Contemporary applications of carbon black-filled polymer composites: An overview of essential aspects. Journal of Plastic Film and Sheeting, 2018, 34, 256-299.	1.3	28
68	Waterborne polyurethane-coated polyamide/fullerene composite films: Mechanical, thermal, and flammability properties. International Journal of Polymer Analysis and Characterization, 2016, 21, 275-285.	0.9	27
69	Emerging Research Trends in Polyurethane/Graphene Nanocomposite: A Review. Polymer-Plastics Technology and Engineering, 2017, 56, 1468-1486.	1.9	27
70	Polydimethylsiloxane-based nanocomposite: present research scenario and emergent future trends. Polymer-Plastics Technology and Materials, 2020, 59, 1148-1166.	0.6	27
71	Progress in green nanocomposites for high-performance applications. Materials Research Innovations, 2021, 25, 53-65.	1.0	27
72	Compatibilizing effect of functionalized polystyrene blends: a study of morphology, thermal, and mechanical properties. Surface and Interface Analysis, 2008, 40, 906-913.	0.8	26

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73	Progress on Epoxy/Polyamide and Inorganic Nanofiller-Based Hybrids: Introduction, Application, and Future Potential. <i>Polymer-Plastics Technology and Engineering</i> , 2016, 55, 1842-1862.	1.9	26
74	Influence of chitosan and epoxy cross-linking on physical properties of binary blends. <i>International Journal of Polymer Analysis and Characterization</i> , 2016, 21, 163-174.	0.9	25
75	Bucky Papers of Poly(Methyl Methacrylate- <i>co</i> -Methacrylic acid)/Polyamide 6 and Graphene Oxide-Montmorillonite. <i>Journal of Dispersion Science and Technology</i> , 2016, 37, 66-72.	1.3	25
76	High performance epoxy/polyester-based nanocomposite coatings for multipurpose applications: A review. <i>Journal of Plastic Film and Sheeting</i> , 2020, 36, 391-408.	1.3	25
77	Fullerene Nanofiller Reinforced Epoxy Nanocompositesâ€”Developments, Progress and Challenges. <i>Materials Research Innovations</i> , 2021, 25, 175-185.	1.0	25
78	Shape memory polymer/graphene nanocomposites: State-of-the-art. <i>E-Polymers</i> , 2022, 22, 165-181.	1.3	25
79	Shape memory properties of electrically conductive multi-walled carbon nanotube-filled polyurethane/modified polystyrene blends. <i>Journal of Plastic Film and Sheeting</i> , 2016, 32, 272-292.	1.3	24
80	Current Research Status and Application of Polymer/Carbon Nanofiller Buckypaper: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2017, 56, 1780-1800.	1.9	24
81	A review of fundamental principles and applications of polymer nanocomposites filled with both nanoclay and nano-sized carbon allotropes â€” Graphene and carbon nanotubes. <i>Journal of Plastic Film and Sheeting</i> , 2020, 36, 209-228.	1.3	24
82	Investigation of morphology, crystallinity, thermal stability, piezoelectricity and conductivity of PVDF nanocomposites reinforced with epoxy functionalized MWCNTs. <i>Composites Science and Technology</i> , 2021, 211, 108841.	3.8	24
83	Effect of multi-walled carbon nanotube reinforcement on the physical properties of poly(thiourea-azo-ether)-based nanocomposites. <i>Journal of Plastic Film and Sheeting</i> , 2013, 29, 365-383.	1.3	23
84	High-performance polymer/nanodiamond composites: synthesis and properties. <i>Iranian Polymer Journal (English Edition)</i> , 2014, 23, 531-545.	1.3	23
85	Influence of Processing Technique on the Physical Properties of Modified Polystyrene/Exfoliated Graphite Nanocomposites. <i>Materials and Manufacturing Processes</i> , 2015, 30, 346-355.	2.7	23
86	Perspectives on Polyvinyl Chloride and Carbon Nanofiller Composite: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2016, 55, 1076-1098.	1.9	23
87	Electromagnetic Interference Shielding of Polymer/Nanodiamond, Polymer/Carbon Nanotube, and Polymer/Nanodiamondâ€”Carbon Nanotube Nanobifiller Composite: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2017, 56, 347-363.	1.9	23
88	Self-healing polymer/carbon nanotube nanocomposite: A review. <i>Journal of Plastic Film and Sheeting</i> , 2021, 37, 160-181.	1.3	23
89	Novel poly(thioureaâ€”etherâ€”imide)s derived from 4,4'-oxydiphenylâ€”bis(thiourea): probing the possibility for high-temperature applications. <i>Polymer International</i> , 2011, 60, 564-570.	1.6	22
90	Polyamide-grafted-multi-walled carbon nanotube electrospun nanofibers/epoxy composites. <i>Fibers and Polymers</i> , 2014, 15, 2564-2571.	1.1	22

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91	Advances in Polymer-based Nanostructured Membranes for Water Treatment. Polymer-Plastics Technology and Engineering, 2014, 53, 1290-1316.	1.9	22
92	A Review on Properties and Fabrication Techniques of Polymer/Carbon Nanotube Composites and Polymer Intercalated Buckypapers. Polymer-Plastics Technology and Engineering, 2015, 54, 1524-1539.	1.9	22
93	Investigation on thermal conductivity and physical properties of polythiophene- <i>p</i> -phenylenediamine-graphene oxide and polythiophene- <i>co</i> -poly(methyl Tj ETQq1 1 0.784314 rgBT /Over 887-899.	1.3	22
94	Polymer and Graphite-Derived Nanofiller Composite: An Overview of Functional Applications. Polymer-Plastics Technology and Engineering, 2016, 55, 1765-1784.	1.9	22
95	Graphite Filler-Based Nanocomposites with Thermoplastic Polymers: A Review. Polymer-Plastics Technology and Engineering, 2018, 57, 565-580.	1.9	22
96	Thermally conducting polymer/nanocarbon and polymer/inorganic nanoparticle nanocomposite: a review. Polymer-Plastics Technology and Materials, 2020, 59, 895-909.	0.6	22
97	Green Nanocomposites for Energy Storage. Journal of Composites Science, 2021, 5, 202.	1.4	22
98	Exploitation of Nanobifiller in Polymer/Graphene Oxideâ€“Carbon Nanotube, Polymer/Graphene Oxideâ€“Nanodiamond, and Polymer/Graphene Oxideâ€“Montmorillonite Composite: A Review. Polymer-Plastics Technology and Engineering, 2016, 55, 744-768.	1.9	21
99	Trends in graphene reinforced polyamide nanocomposite for functional application: a review. Polymer-Plastics Technology and Materials, 2019, 58, 917-933.	0.6	21
100	Review on Polymer/Carbon Nanotube Composite Focusing Polystyrene Microsphere and Polystyrene Microsphere/Modified CNT Composite: Preparation, Properties, and Significance. Polymer-Plastics Technology and Engineering, 2016, 55, 582-603.	1.9	20
101	Poly(acrylic acid) nanocomposites: Design of advanced materials. Journal of Plastic Film and Sheeting, 2021, 37, 409-428.	1.3	20
102	Nanocarbon and macrocarbonaceous fillerâ€“reinforced epoxy/polyamide: A review. Journal of Thermoplastic Composite Materials, 2022, 35, 2620-2640.	2.6	20
103	Fabrication and Characteristics of Poly(benzimidazole/fluoro/ether/siloxane/amide)/Sulfonated Polystyrene/Silica Nanoparticle-Based Proton Exchange Membranes Doped With Phosphoric Acid. International Journal of Polymeric Materials and Polymeric Biomaterials, 2015, 64, 184-191.	1.8	19
104	Influence of Graphite Filler on Physicochemical Characteristics of Polymer/Graphite Composites: A Review. Polymer-Plastics Technology and Engineering, 2016, 55, 604-625.	1.9	19
105	Phase Inversion Technique-Based Polyamide Films and Their Applications: A Comprehensive Review. Polymer-Plastics Technology and Engineering, 2017, 56, 1421-1437.	1.9	19
106	Nanodiamond: a multitalented material for cutting edge solar cell application. Materials Research Innovations, 2018, 22, 302-314.	1.0	19
107	Nanodiamond reinforcement in polyamide and polyimide matrices: Fundamentals and applications. Journal of Plastic Film and Sheeting, 2018, 34, 439-458.	1.3	19
108	Advances in condensation polymer containing zero-dimensional nanocarbon reinforcementâ€“fullerene, carbon nano-onion, and nanodiamond. Polymer-Plastics Technology and Materials, 2021, 60, 695-713.	0.6	19



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109	Design of carbon/glass/epoxy-based radar absorbing composites: Microwaves attenuation properties. <i>Polymer Engineering and Science</i> , 2014, 54, 2508-2514.	1.5	18
110	Exploration of polythiophene/graphene, poly(methyl methacrylate)/graphene and polythiophene-co-poly(methyl methacrylate)/graphene nanocomposite obtained via in-situ technique. <i>Journal of Plastic Film and Sheeting</i> , 2015, 31, 144-157.	1.3	18
111	A review on Zeolite-Reinforced Polymeric Membranes: Salient Features and Applications. <i>Polymer-Plastics Technology and Engineering</i> , 2016, 55, 1971-1987.	1.9	18
112	Survey on Langmuir-Blodgett Films of Polymer and Polymeric Composite. <i>Polymer-Plastics Technology and Engineering</i> , 2017, 56, 932-945.	1.9	18
113	Composite coatings of polyamide/graphene: microstructure, mechanical, thermal, and barrier properties. <i>Composite Interfaces</i> , 2018, 25, 109-125.	1.3	18
114	Rubber toughened epoxy-based nanocomposite: a promising pathway toward advanced materials. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2020, 57, 499-511.	1.2	18
115	Emerging trends in poly(methyl methacrylate) containing carbonaceous reinforcements—Carbon nanotube, carbon black, and carbon fiber. <i>Journal of Plastic Film and Sheeting</i> , 2020, 36, 409-429.	1.3	18
116	High-performance polyvinylidene fluoride/poly(styrene-butadiene-styrene)/functionalized MWCNTs-SCN-Ag nanocomposite membranes. <i>Iranian Polymer Journal (English Edition)</i> , 2015, 24, 549-559.	1.3	17
117	Overview of Nonflammability Characteristics of Graphene and Graphene Oxide-Based Polymeric Composite and Essential Flame Retardancy Techniques. <i>Polymer-Plastics Technology and Engineering</i> , 2017, 56, 488-505.	1.9	17
118	Novel Hybrids Derived from Poly(thiourea-amide)/Epoxy and Carbon Nanotubes. <i>Polymer-Plastics Technology and Engineering</i> , 2013, 52, 1169-1174.	1.9	16
119	An Investigation on Novel Poly(thiourea-amide)-based Nanocomposites Reinforced with Silica Nanotubes. <i>Polymer-Plastics Technology and Engineering</i> , 2014, 53, 223-228.	1.9	16
120	A Review on Polymer/Cement Composite with Carbon Nanofiller and Inorganic Filler. <i>Polymer-Plastics Technology and Engineering</i> , 2016, 55, 1299-1323.	1.9	16
121	Structure, morphology, thermal, and electro-magnetic shielding properties of polystyrene microsphere/polyaniline/multi-walled carbon nanotube nanocomposite. <i>Journal of Plastic Film and Sheeting</i> , 2017, 33, 262-289.	1.3	16
122	Aptitude of Graphene Oxide-Silver in Advance Polymer Nanocomposite: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2018, 57, 283-301.	1.9	16
123	Conjugated Polymer/Graphene Oxide Nanocomposites—State-of-the-Art. <i>Journal of Composites Science</i> , 2021, 5, 292.	1.4	16
124	Processing and characterization of fire-retardant modified polystyrene/functional graphite composites. <i>Composite Interfaces</i> , 2015, 22, 517-530.	1.3	15
125	Modern Drifts in Conjugated Polymers and Nanocomposites for Organic Solar Cells: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2015, 54, 140-154.	1.9	15
126	Characterization and Properties of Poly(methyl methacrylate)/Graphene, Poly(methyl Methacrylate)/Graphene Oxide Nanocomposites. <i>Polymer-Plastics Technology and Engineering</i> , 2015, 54, 1334-1342.	1.9	15



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127	Polyvinylidene fluoride/Poly(styrene-butadiene-styrene)/Silver Nanoparticle- <i>g</i> rafted- <i>i</i> Acid Chloride Functional MWCNTs-Based Nanocomposites: Preparation and Properties. <i>Polymer-Plastics Technology and Engineering</i> , 2015, 54, 474-483.	1.9	15
128	Reinforcement of high performance polystyrene/polyamide/polythiophene with multi-walled carbon nanotube obtained through various routes. <i>Composite Interfaces</i> , 2015, 22, 885-897.	1.3	15
129	Technical Relevance of Epoxy/Clay Nanocomposite with Organically Modified Montmorillonite: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2016, 55, 1393-1415.	1.9	15
130	Polyamide 1010/Polythioamide Blend Reinforced with Graphene Nanoplatelet for Automotive Part Application. <i>Advances in Materials Science</i> , 2017, 17, 24-36.	0.4	15
131	High-performance competence of polyaniline-based nanomaterials. <i>Materials Research Innovations</i> , 2020, 24, 113-122.	1.0	15
132	Nanocarbon in Polymeric Nanocomposite Hydrogel—Design and Multi-Functional Tendencies. <i>Polymer-Plastics Technology and Materials</i> , 2020, 59, 1505-1521.	0.6	15
133	Flame retardant potential of clay nanoparticles. , 2020, , 169-184.		15
134	Electrospun, non-woven, nanofibrous membranes prepared from nano-diamond and multi-walled carbon nanotube-filled poly(azo-pyridine) and epoxy composites reinforced with these membranes. <i>Journal of Plastic Film and Sheeting</i> , 2014, 30, 369-387.	1.3	14
135	Mixed matrix membranes of polysulfone/polyimide reinforced with modified zeolite based filler: Preparation, properties and application. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2018, 36, 65-77.	2.0	14
136	Polymeric nanocomposites reinforced with nanowires: Opening doors to future applications. <i>Journal of Plastic Film and Sheeting</i> , 2019, 35, 65-98.	1.3	14
137	Synthesis, Properties, and Applications of Polysulfone/Polyimide Nanocomposite Membrane Reinforced with Silica Nanoparticles. <i>Polymer Composites</i> , 2019, 40, 1897-1910.	2.3	14
138	Review on conducting polymer/nanodiamond nanocomposites: Essences and functional performance. <i>Journal of Plastic Film and Sheeting</i> , 2019, 35, 331-353.	1.3	14
139	Advances in polymer-anchored carbon nanotube foam: a review. <i>Polymer-Plastics Technology and Materials</i> , 2019, 58, 1965-1978.	0.6	14
140	Performance of corrosion protective epoxy blend-based nanocomposite coatings: a review. <i>Polymer-Plastics Technology and Materials</i> , 2020, 59, 658-673.	0.6	14
141	Determination of optimum cure parameters of 977â€A carbon/epoxy composites for quickstep processing. <i>Journal of Applied Polymer Science</i> , 2013, 129, 2638-2652.	1.3	13
142	Fuel cell membranes prepared from multi-walled carbon nanotubes and silica nanotubes-filled sulfonated polyamide/sulfonated polystyrene porous blend films. <i>Journal of Plastic Film and Sheeting</i> , 2014, 30, 314-336.	1.3	13
143	Modified graphene nanoplatelet and epoxy/block copolymer-based nanocomposite: physical characteristic and EMI shielding studies. <i>Nanocomposites</i> , 2016, 2, 141-151.	2.2	13
144	A Review Featuring Fabrication, Properties, and Application of Polymeric Mixed Matrix Membrane Reinforced with Different Fillers. <i>Polymer-Plastics Technology and Engineering</i> , 2017, 56, 2043-2064.	1.9	13

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