

Ayesha Kausar

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

364
papers

4,269
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g-index

369
ext. papers

5,179
ext. citations

2.5
avg, IF

7.28
L-index

#	Paper	IF	Citations
364	Review of Applications of Polymer/Carbon Nanotubes and Epoxy/CNT Composites. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 1167-1191		156
363	Polyurethane Composite Foams in High-Performance Applications: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2018 , 57, 346-369		90
362	Recent Developments in Sulfur-Containing Polymers. <i>Polymer Reviews</i> , 2014 , 54, 185-267	14	89
361	A Review on Preparation, Properties and Applications of Polymeric Nanoparticle-Based Materials. <i>Polymer-Plastics Technology and Engineering</i> , 2015 , 54, 325-341		79
360	Exploration of Epoxy Resins, Hardening Systems, and Epoxy/Carbon Nanotube Composite Designed for High Performance Materials: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 312-333		77
359	Progression from Graphene and Graphene Oxide to High Performance Polymer-Based Nanocomposite: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2015 , 54, 173-183		65
358	Advances in Polymeric Nanofiltration Membrane: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 841-856		64
357	A review of graphene oxide, graphene buckypaper, and polymer/graphene composites: Properties and fabrication techniques. <i>Journal of Plastic Film and Sheeting</i> , 2016 , 32, 336-379	2.4	62
356	Aerospace Application of Polymer Nanocomposite with Carbon Nanotube, Graphite, Graphene Oxide, and Nanoclay. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 1438-1456		59
355	Advances in Epoxy/Graphene Nanoplatelet Composite with Enhanced Physical Properties: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 643-662		55
354	Review on Polymer/Halloysite Nanotube Nanocomposite. <i>Polymer-Plastics Technology and Engineering</i> , 2018 , 57, 548-564		52
353	Advances in thermoplastic polyurethane composites reinforced with carbon nanotubes and carbon nanofibers: A review. <i>Journal of Plastic Film and Sheeting</i> , 2015 , 31, 186-224	2.4	46
352	Research Progress on Properties and Applications of Polymer/Clay Nanocomposite. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 684-703		45
351	Mechanical properties of functionalized SEBS based inorganic hybrid materials. <i>Polymer Bulletin</i> , 2007 , 59, 457-468	2.4	44
350	Overview on conducting polymer in energy storage and energy conversion system. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2017 , 54, 640-653	2.2	41
349	Advances in Polymer/Fullerene Nanocomposite: A Review on Essential Features and Applications. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 594-605		41
348	Polymer/Graphite Nanocomposites: Physical Features, Fabrication and Current Relevance. <i>Polymer-Plastics Technology and Engineering</i> , 2015 , 54, 750-770		40

347	Trends in Conducting Polymer and Hybrids of Conducting Polymer/Carbon Nanotube: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 1416-1440		40
346	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		39
345	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	3.5	39
344	A review of filled and pristine polycarbonate blends and their applications. <i>Journal of Plastic Film and Sheeting</i> , 2018 , 34, 60-97	2.4	38
343	Perspectives of Epoxy/Graphene Oxide Composite: Significant Features and Technical Applications. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 704-722		37
342	New polyaniline/polypyrrole/polythiophene and functionalized multiwalled carbon nanotube-based nanocomposites: Layer-by-layer in situ polymerization. <i>High Performance Polymers</i> , 2013 , 25, 70-78	1.6	37
341	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		36
340	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	3.5	36
339	Recent Developments in Different Types of Flame Retardants and Effect on Fire Retardancy of Epoxy Composite. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 1512-1535		36
338	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 ^{1.8}		35
337	State-of-the-Art Overview on Polymer/POSS Nanocomposite. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 1401-1420		34
336	Advances in Shape Memory Polyurethanes and Composites: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2015 , 54, 1410-1423		34
335	Advent of alkali metal doping: a roadmap for the evolution of perovskite solar cells. <i>Chemical Society Reviews</i> , 2021 , 50, 2696-2736	58.5	34
334	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	6.7	33
333	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		33
332	Applications of polymer/graphene nanocomposite membranes: a review. <i>Materials Research Innovations</i> , 2019 , 23, 276-287	1.9	32
331	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		31
330	Corrosion prevention prospects of polymeric nanocomposites: A review. <i>Journal of Plastic Film and Sheeting</i> , 2019 , 35, 181-202	2.4	30

329	Research Progress in Frontiers of Poly(Ionic Liquid)s: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 1823-1838		27
328	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		27
327	Polymer/Nanodiamond Composites in Li-Ion Batteries: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2014 , 53, 550-563		27
326	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		27
325	Mechanical, Thermal, and Electrical Properties of Epoxy Matrix Composites Reinforced With Polyamide-Grafted-MWCNT/poly(azo-pyridine-benzophenone-imide)/Polyaniline Nanofibers. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2014 , 63, 831-839	3	27
324	Novel processable and heat resistant poly(phenylthiourea azomethine imide)s: Synthesis and characterization. <i>Polymer Degradation and Stability</i> , 2010 , 95, 1826-1833	4-7	27
323	Progress in Applications of Polymer-Based Membranes in Gas Separation Technology. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 1282-1298		27
322	Effectiveness of Polystyrene/Carbon Nanotube Composite in Electromagnetic Interference Shielding Materials: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 1027-1042		26
321	Polymer coating technology for high performance applications: Fundamentals and advances. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2018 , 55, 440-448	2.2	26
320	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		26
319	Attributes of Polymer and Silica Nanoparticle Composites: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 826-861		26
318	High performance segmented polyurethanes derived from a new aromatic diisocyanate and polyol. <i>Polymer Degradation and Stability</i> , 2013 , 98, 368-376	4-7	26
317	Nanodiamond tethered epoxy/polyurethane interpenetrating network nanocomposite: Physical properties and thermoresponsive shape-memory behavior. <i>International Journal of Polymer Analysis and Characterization</i> , 2016 , 21, 348-358	1.7	25
316	Bucky Papers of Poly(Methyl Methacrylate-co-Methacrylic acid)/Polyamide 6 and Graphene Oxide-Montmorillonite. <i>Journal of Dispersion Science and Technology</i> , 2016 , 37, 66-72	1.5	24
315	Review of fundamentals and applications of polyester nanocomposites filled with carbonaceous nanofillers. <i>Journal of Plastic Film and Sheeting</i> , 2019 , 35, 22-44	2.4	24
314	Significance of Carbon Nanotube in Flame-Retardant Polymer/CNT Composite: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 470-487		24
313	Compatibilizing effect of functionalized polystyrene blends: a study of morphology, thermal, and mechanical properties. <i>Surface and Interface Analysis</i> , 2008 , 40, 906-913	1.5	24
312	Estimation of thermo-mechanical and fire resistance profile of epoxy coated polyurethane/fullerene composite films. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2016 , 24, 391-399	1.8	24

311	Carbon nano onion as versatile contender in polymer compositing and advance application. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2017 , 25, 109-123	1.8	23
310	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	2.4	23
309	A review of high performance polymer nanocomposites for packaging applications in electronics and food industries. <i>Journal of Plastic Film and Sheeting</i> , 2020 , 36, 94-112	2.4	23
308	Emerging Research Trends in Polyurethane/Graphene Nanocomposite: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 1468-1486		22
307	Poly(methyl methacrylate) nanocomposite reinforced with graphene, graphene oxide, and graphite: a review. <i>Polymer-Plastics Technology and Materials</i> , 2019 , 58, 821-842	1.5	22
306	Polyacrylonitrile-based nanocomposite fibers: A review of current developments. <i>Journal of Plastic Film and Sheeting</i> , 2019 , 35, 295-316	2.4	22
305	Waterborne polyurethane-coated polyamide/fullerene composite films: Mechanical, thermal, and flammability properties. <i>International Journal of Polymer Analysis and Characterization</i> , 2016 , 21, 275-285	1.7	22
304	High-performance polymer/nanodiamond composites: synthesis and properties. <i>Iranian Polymer Journal (English Edition)</i> , 2014 , 23, 531-545	2.3	22
303	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		22
302	Novel poly(thiourea-ether-imide)s derived from 4,4'-oxydiphenyl-bis(thiourea): probing the possibility for high-temperature applications. <i>Polymer International</i> , 2011 , 60, 564-570	3.3	22
301	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	8.6	22
300	Interpenetrating polymer network and nanocomposite IPN of polyurethane/epoxy: a review on fundamentals and advancements. <i>Polymer-Plastics Technology and Materials</i> , 2019 , 58, 691-706	1.5	20
299	Potential of Polyvinylidene Fluoride/Carbon Nanotube Composite in Energy, Electronics, and Membrane Technology: An Overview. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 1949-1970		20
298	Advances in Polymer-based Nanostructured Membranes for Water Treatment. <i>Polymer-Plastics Technology and Engineering</i> , 2014 , 53, 1290-1316		20
297	Influence of Processing Technique on the Physical Properties of Modified Polystyrene/Exfoliated Graphite Nanocomposites. <i>Materials and Manufacturing Processes</i> , 2015 , 30, 346-355	4.1	20
296	Polyamide-grafted-multi-walled carbon nanotube electrospun nanofibers/epoxy composites. <i>Fibers and Polymers</i> , 2014 , 15, 2564-2571	2	20
295	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	2.4	19
294	Current Research Status and Application of Polymer/Carbon Nanofiller Buckypaper: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 1780-1800		18

293	A Review on Properties and Fabrication Techniques of Polymer/Carbon Nanotube Composites and Polymer Intercalated Bucky papers. <i>Polymer-Plastics Technology and Engineering</i> , 2015 , 54, 1524-1539		18
292	Scientific potential of chitosan blending with different polymeric materials: A review. <i>Journal of Plastic Film and Sheeting</i> , 2017 , 33, 384-412	2.4	18
291	Progress in green nanocomposites for high-performance applications. <i>Materials Research Innovations</i> , 2021 , 25, 53-65	1.9	18
290	Polyurethane nanocomposite coatings: state of the art and perspectives. <i>Polymer International</i> , 2018 , 67, 1470-1477	3.3	17
289	Graphite Filler-Based Nanocomposites with Thermoplastic Polymers: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2018 , 57, 565-580		17
288	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	1.7	17
287	Exploitation of Nanobifiller in Polymer/Graphene Oxide/Carbon Nanotube, Polymer/Graphene Oxide/Nanodiamond, and Polymer/Graphene Oxide/Montmorillonite Composite: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 744-768		17
286	Review on Polymer/Carbon Nanotube Composite Focusing Polystyrene Microsphere and Polystyrene Microsphere/Modified CNT Composite: Preparation, Properties, and Significance. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 582-603		17
285	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		17
284	Polymer and Graphite-Derived Nanofiller Composite: An Overview of Functional Applications. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 1765-1784		17
283	Shape memory polyurethane/graphene nanocomposites: Structures, properties, and applications. <i>Journal of Plastic Film and Sheeting</i> , 2020 , 36, 151-166	2.4	17
282	Trends in graphene reinforced polyamide nanocomposite for functional application: a review. <i>Polymer-Plastics Technology and Materials</i> , 2019 , 58, 917-933	1.5	16
281	Nanodiamond: a multitasking material for cutting edge solar cell application. <i>Materials Research Innovations</i> , 2018 , 22, 302-314	1.9	16
280	Novel Hybrids Derived from Poly(thiourea-amide)/Epoxy and Carbon Nanotubes. <i>Polymer-Plastics Technology and Engineering</i> , 2013 , 52, 1169-1174		16
279	Electromagnetic Interference Shielding of Polymer/Nanodiamond, Polymer/Carbon Nanotube, and Polymer/Nanodiamond/Carbon Nanotube Nanobifiller Composite: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 347-363		16
278	Contemporary applications of carbon black-filled polymer composites: An overview of essential aspects. <i>Journal of Plastic Film and Sheeting</i> , 2018 , 34, 256-299	2.4	16
277	Nanodiamond reinforcement in polyamide and polyimide matrices: Fundamentals and applications. <i>Journal of Plastic Film and Sheeting</i> , 2018 , 34, 439-458	2.4	16
276	Polymer/carbon-based quantum dot nanocomposite: forthcoming materials for technical application. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2019 , 56, 341-356	2.2	15

275	Progression from Polyimide to Polyimide Composite in Proton-Exchange Membrane Fuel Cell: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 1375-1390		14
274	Polydimethylsiloxane-based nanocomposite: present research scenario and emergent future trends. <i>Polymer-Plastics Technology and Materials</i> , 2020 , 59, 1148-1166	1.5	14
273	An investigation on 4-aminobenzoic acid modified polyvinyl chloride/graphene oxide and PVC/graphene oxide based nanocomposite membranes. <i>Journal of Plastic Film and Sheeting</i> , 2016 , 32, 419-448	2.4	14
272	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 ^{2,3}	2.3	14
271	A review of fundamental principles and applications of polymer nanocomposites filled with both nanoclay and nano-sized carbon allotropes [Graphene and carbon nanotubes]. <i>Journal of Plastic Film and Sheeting</i> , 2020 , 36, 209-228	2.4	14
270	Thermally conducting polymer/nanocarbon and polymer/inorganic nanoparticle nanocomposite: a review. <i>Polymer-Plastics Technology and Materials</i> , 2020 , 59, 895-909	1.5	14
269	Composite coatings of polyamide/graphene: microstructure, mechanical, thermal, and barrier properties. <i>Composite Interfaces</i> , 2018 , 25, 109-125	2.3	13
268	A review on Zeolite-Reinforced Polymeric Membranes: Salient Features and Applications. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 1971-1987		13
267	Influence of Graphite Filler on Physicochemical Characteristics of Polymer/Graphite Composites: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 604-625		13
266	An Investigation on Novel Poly(thiourea-amide)-based Nanocomposites Reinforced with Silica Nanotubes. <i>Polymer-Plastics Technology and Engineering</i> , 2014 , 53, 223-228		13
265	Processing and characterization of fire-retardant modified polystyrene/functional graphite composites. <i>Composite Interfaces</i> , 2015 , 22, 517-530	2.3	13
264	Survey on Langmuir-Blodgett Films of Polymer and Polymeric Composite. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 932-945		12
263	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	2.4	12
262	Polyvinylidene fluoride/Poly(styrene-butadiene-styrene)/Silver Nanoparticle-grafted-Acid Chloride Functional MWCNTs-Based Nanocomposites: Preparation and Properties. <i>Polymer-Plastics Technology and Engineering</i> , 2015 , 54, 474-483		12
261	Synthesis and properties of poly(thiourea-azo-naphthyl)/multi-walled carbon nanotube composites. <i>Journal of Plastic Film and Sheeting</i> , 2014 , 30, 6-27	2.4	12
260	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	2.4	12
259	Design of carbon/glass/epoxy-based radar absorbing composites: Microwaves attenuation properties. <i>Polymer Engineering and Science</i> , 2014 , 54, 2508-2514	2.3	12
258	Novel aromatic and aromatic-aliphatic poly(thiourea-amide)s for the extraction of toxic heavy metal ions. <i>Journal of Applied Polymer Science</i> , 2012 , 124, 373-385	2.9	12

257	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		12
256	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	2.4	12
255	Polyamide 1010/Polythioamide Blend Reinforced with Graphene Nanoplatelet for Automotive Part Application. <i>Advances in Materials Science</i> , 2017 , 17, 24-36	1.8	12
254	Modern Drifts in Conjugated Polymers and Nanocomposites for Organic Solar Cells: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2015 , 54, 140-154		12
253	Studies on novel thermally stable segmented polyurethanes based on thiourea-derivative diols. <i>Polymer Degradation and Stability</i> , 2010 , 95, 2281-2288	4-7	12
252	Phase Inversion Technique-Based Polyamide Films and Their Applications: A Comprehensive Review. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 1421-1437		11
251	Proton exchange fuel cell membranes of poly(benzimidazole-amide)/sulfonated polystyrene/titania nanoparticles-grafted-multi-walled carbon nanotubes. <i>Journal of Plastic Film and Sheeting</i> , 2015 , 31, 27-44	2.4	11
250	An investigation on epoxy/poly(urethane-amide)-based interpenetrating polymer network reinforced with an organic nanoparticle. <i>Materials Research Innovations</i> , 2018 , 22, 58-68	1.9	11
249	Functional graphene nanoplatelet reinforced epoxy resin and polystyrene-based block copolymer nanocomposite. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2017 , 25, 47-57	1.8	11
248	Effect of modified filler surfaces and filler-tethered polymer chains on morphology and physical properties of poly(azo-pyridyl-urethane)/multi-walled carbon nanotube nanocomposites. <i>Journal of Plastic Film and Sheeting</i> , 2014 , 30, 181-204	2.4	11
247	Determination of optimum cure parameters of 977-2A carbon/epoxy composites for quickstep processing. <i>Journal of Applied Polymer Science</i> , 2013 , 129, 2638-2652	2.9	11
246	Technical Relevance of Epoxy/Clay Nanocomposite with Organically Modified Montmorillonite: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 1393-1415		11
245	Advances in Carbon Fiber Reinforced Polyamide-Based Composite Materials. <i>Advances in Materials Science</i> , 2019 , 19, 67-82	1.8	11
244	Graphene nanoplatelet reinforced polyacrylonitrile/poly(vinylidene fluoride-co-hexafluoropropylene) nanocomposite foams: physical properties and ion detoxification. <i>Materials Research Innovations</i> , 2020 , 24, 28-38	1.9	11
243	High-performance competence of polyaniline-based nanomaterials. <i>Materials Research Innovations</i> , 2020 , 24, 113-122	1.9	11
242	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	2.4	11
241	Fullerene Nanofiller Reinforced Epoxy Nanocomposites: Developments, Progress and Challenges. <i>Materials Research Innovations</i> , 2021 , 25, 175-185	1.9	11
240	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	3.5	11

239	Reinforcement of high performance polystyrene/polyamide/polythiophene with multi-walled carbon nanotube obtained through various routes. <i>Composite Interfaces</i> , 2015 , 22, 885-897	2.3	10
238	Nanocarbon and macrocarbonaceous filler reinforced epoxy/polyamide: A review. <i>Journal of Thermoplastic Composite Materials</i> , 2020 , 089270572093081	1.9	10
237	High performance epoxy/polyester-based nanocomposite coatings for multipurpose applications: A review. <i>Journal of Plastic Film and Sheeting</i> , 2020 , 36, 391-408	2.4	10
236	Polyurethane/Epoxy Interpenetrating Polymer Network 2017 ,		10
235	Aptitude of Graphene Oxide Silver in Advance Polymer Nanocomposite: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2018 , 57, 283-301		10
234	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	2.4	10
233	Novel Mechanically Stable, Heat Resistant and Nonflammable Functionalized Polystyrene/Expanded Graphite Nanocomposites. <i>Advances in Materials Science</i> , 2014 , 14, 61-74	1.8	10
232	Azo-Polymer Based Hybrids Reinforced with Carbon Nanotubes and Silver Nanoparticles: Solution and Melt Processing. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2014 , 63, 207-212	3	10
231	Investigation on thermal conductivity and physical properties of polythiophene/p-phenylenediamine-graphene oxide and polythiophene-co-poly(methyl methacrylate)/p-phenylenediamine graphene oxide composites. <i>Composite Interfaces</i> , 2016 , 23, 887-899	2.3	10
230	Mechanical, thermal, conductivity, and electrochemical behavior of poly(vinylidene fluoride)/poly(3,4-ethylenedioxythiophene)/polyaniline-grafted-nanodiamond nanocomposite. <i>Journal of Thermoplastic Composite Materials</i> , 2020 , 33, 628-645	1.9	10
229	Self-healing polymer/carbon nanotube nanocomposite: A review. <i>Journal of Plastic Film and Sheeting</i> , 2021 , 37, 160-181	2.4	10
228	Exploitation of Carbon Nanotubes in High Performance Polyvinylidene Fluoride Matrix Composite: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 199-222		9
227	Poly(lactic acid)-based polyurethane/polyamide 6,12 and graphene nanocomposite: Structure and physical property study for packaging application. <i>International Journal of Polymer Analysis and Characterization</i> , 2017 , 22, 394-407	1.7	9
226	Review on conducting polymer/nanodiamond nanocomposites: Essences and functional performance. <i>Journal of Plastic Film and Sheeting</i> , 2019 , 35, 331-353	2.4	9
225	Advances in polymer-anchored carbon nanotube foam: a review. <i>Polymer-Plastics Technology and Materials</i> , 2019 , 58, 1965-1978	1.5	9
224	Characterization and Properties of Poly(methyl methacrylate)/Graphene, Poly(methyl methacrylate)/Graphene Oxide and Poly(methyl methacrylate)/p-Phenylenediamine-Graphene Oxide Nanocomposites. <i>Polymer-Plastics Technology and Engineering</i> , 2015 , 54, 1334-1342		9
223	Nanocarbon in Polymeric Nanocomposite Hydrogel Design and Multi-Functional Tendencies. <i>Polymer-Plastics Technology and Materials</i> , 2020 , 59, 1505-1521	1.5	9
222	Poly(urethane urea)/polythiophene/carbon black composite: Morphology, mechanical, and conducting shape memory behavior. <i>Journal of Thermoplastic Composite Materials</i> , 2018 , 31, 34-47	1.9	9

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