

Ayesha Kausar

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8376908/ayesha-kausar-publications-by-year.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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
citations

32
h-index

45
g-index

369
ext. papers

5,179
ext. citations

2.5
avg, IF

7.28
L-index

#	Paper	IF	Citations
364	Shape memory polymer/graphene nanocomposites: State-of-the-art. <i>E-Polymers</i> , 2022 , 22, 165-181	2.7	9
363	Graphene nanomaterials in aerospace applications 2022 , 223-244		
362	Processing strategies in graphene-derived nanocomposites 2022 , 45-66		
361	Graphene: Structure, properties, preparation, modification, and applications 2022 , 1-24		
360	Multifunctional polymeric nanocomposites with graphene 2022 , 25-44		
359	Graphene quantum dots, graphene nanoplatelets, and graphene nanoribbons with polymers 2022 , 91-116		
358	Advances in anti-corrosive coatings of polymer/graphene nanocomposites 2022 , 145-172		
357	Nano-foam architectures of polymer and graphene 2022 , 67-90		
356	Stimuli responsive graphene-based materials 2022 , 117-144		
355	Gas separation and filtration membrane applications of polymer/graphene nanocomposites 2022 , 197-222		
354	Polymer/graphene nanocomposites as versatile platforms for energy and electronic devices 2022 , 173-196		
353	Polymer/fullerene nanocomposite coatingsFrontline potential. <i>Emergent Materials</i> , 2022 , 5, 29-40	3.5	1
352	Polymer/Graphene Nanocomposite Membranes: Status and Emerging Prospects. <i>Journal of Composites Science</i> , 2022 , 6, 76	3	1
351	Polymeric Nanofibers as Electrodes for Fuel Cells. <i>Engineering Materials</i> , 2022 , 155-169	0.4	
350	Poly(methyl methacrylate) Nanocomposite Foams Reinforced with Carbon and Inorganic NanoparticlesState-of-the-Art. <i>Journal of Composites Science</i> , 2022 , 6, 129	3	0
349	Conjugated Polymer/Graphene Oxide NanocompositesState-of-the-Art. <i>Journal of Composites Science</i> , 2021 , 5, 292	3	1
348	Long Fiber-Reinforced Epoxy Composites 2021 , 83-96		1

347	Ingenuities of graphyne and graphdiyne with polymers: design insights to high performance nanocomposite. <i>Polymer-Plastics Technology and Materials</i> , 2021 , 60, 1149-1165	1.5	
346	Emerging polyimide and graphene derived nanocomposite foam: research and technical tendencies. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2021 , 58, 643-658	2.2	2
345	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	8.6	4
344	Fullerene Nanofiller Reinforced Epoxy Nanocomposites Developments, Progress and Challenges. <i>Materials Research Innovations</i> , 2021 , 25, 175-185	1.9	11
343	Holistic analysis of nanocomposites of carbon nanotube with polypropylene. <i>Materials Research Innovations</i> , 2021 , 25, 186-197	1.9	
342	Polymeric nanocomposite via electrospinning: Assessment of morphology, physical properties and applications. <i>Journal of Plastic Film and Sheeting</i> , 2021 , 37, 70-92	2.4	3
341	Progress in green nanocomposites for high-performance applications. <i>Materials Research Innovations</i> , 2021 , 25, 53-65	1.9	18
340	Shape memory polystyrene-based nanocomposite: present status and future opportunities. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2021 , 58, 182-191	2.2	4
339	Polymer and nanobelt derived nanomaterials: opening doors to revolutionary stadia. <i>Polymer-Plastics Technology and Materials</i> , 2021 , 60, 117-131	1.5	3
338	Polymer/nanodisk nanocomposite: futuristic vision toward advanced materials. <i>Polymer-Plastics Technology and Materials</i> , 2021 , 60, 488-503	1.5	1
337	Advances in condensation polymer containing zero-dimensional nanocarbon reinforcement Fullerene, carbon nano-onion, and nanodiamond. <i>Polymer-Plastics Technology and Materials</i> , 2021 , 60, 695-713	1.5	7
336	Carbon Nanoparticle-Loaded Shape Memory Polyurethanes: Design and Functionalization 2021 , 55-67		1
335	Versatile epoxy/polyaniline and derived nanocomposite: from strategic design to advance application. <i>Materials Research Innovations</i> , 2021 , 25, 321-330	1.9	4
334	Self-healing polymer/carbon nanotube nanocomposite: A review. <i>Journal of Plastic Film and Sheeting</i> , 2021 , 37, 160-181	2.4	10
333	Nanodiamond integrating poly(methyl methacrylate) nanocomposites intending for technological innovations. <i>Materials Research Innovations</i> , 2021 , 25, 310-319	1.9	2
332	Conducting polymer-based nanocomposites: Structuration, compatibilizing effect, conductivity, and physical properties 2021 , 27-56		0
331	Effect of interaction between conjugated polymers and nanofillers on sensing properties 2021 , 237-263		
330	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

329 Versatile materials for energy devices and systems **2021**, 265-291

328 Anti-corrosion coatings derived from conducting polymeric nanocomposites **2021**, 185-209

327 Polymer/carbon nanocoil nanocomposite: status and future directions. *Polymer-Plastics Technology and Materials*, **2021**, 60, 816-829 1.5 2

326 Aeronautical Impact of Epoxy/Carbon Nanotube Nanocomposite **2021**, 653-670

325 Polymer/Nanocarbon Nanocomposite-Based Eco-friendly Textiles **2021**, 2917-2939

324 POSS-based IPN nanocomposites **2021**, 195-203 5

323 Essence of nanoparticles and functional nanofillers for conducting polymers **2021**, 57-76

322 Design and development of polyaniline/nanocarbon nanocomposites **2021**, 77-102

321 Perspectives on nanocomposite with polypyrrole and nanoparticles **2021**, 103-128

320 Polyurethane/polyhedral oligomeric silsesquioxane nanocomposite: trends and perspectives. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **2021**, 58, 361-375 2.2

319 Scope of Polymer/Graphene Nanocomposite in Defense Relevance **2021**, 597-616

318 Nanocomposite nanofibers of conducting polymers: Multi-functional nanostructured materials **2021**, 157-183

317 Electromagnetic interference shielding effectiveness of polymer nanocomposites **2021**, 211-236

316 Green Nanocomposites for Energy Storage. *Journal of Composites Science*, **2021**, 5, 202 3 6

315 Prominence of conjugated polymers **2021**, 1-25

314 Emerging hybrids derived from polythiophene and graphene **2021**, 129-156

313 Poly(acrylic acid) nanocomposites: Design of advanced materials. *Journal of Plastic Film and Sheeting*, **2020**, 875608792098161 2.4 3

312 Nanocarbon in Polymeric Nanocomposite Hydrogel Design and Multi-Functional Tendencies. *Polymer-Plastics Technology and Materials*, **2020**, 59, 1505-1521 1.5 9

311	Polyaniline and quantum dot-based nanostructures: Developments and perspectives. <i>Journal of Plastic Film and Sheeting</i> , 2020 , 36, 430-447	2.4	2
310	Electroactive Polymer Nanocomposite Coating 2020 , 159-173		1
309	Holistic insights on polyimide nanocomposite nanofiber. <i>Polymer-Plastics Technology and Materials</i> , 2020 , 59, 1621-1639	1.5	1
308	Nanocarbon and macrocarbonaceous filler reinforced epoxy/polyamide: A review. <i>Journal of Thermoplastic Composite Materials</i> , 2020 , 089270572093081	1.9	10
307	Emulsion polymer derived nanocomposite: a review on design and tailored attributes. <i>Polymer-Plastics Technology and Materials</i> , 2020 , 59, 1737-1750	1.5	2
306	Hybrid polymeric nanocomposites with EMI shielding applications 2020 , 227-236		3
305	Flame retardant potential of clay nanoparticles 2020 , 169-184		7
304	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
303	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	2.2	7
302	Technical viewpoint on polystyrene/graphene nanocomposite. <i>Journal of Thermoplastic Composite Materials</i> , 2020 , 089270572090765	1.9	4
301	Polydimethylsiloxane-based nanocomposite: present research scenario and emergent future trends. <i>Polymer-Plastics Technology and Materials</i> , 2020 , 59, 1148-1166	1.5	14
300	Eco-friendly electronics, based on nanocomposites of biopolyester reinforced with carbon nanotubes: a review. <i>Polymer-Plastics Technology and Materials</i> , 2020 , 59, 928-951	1.5	2
299	Polymer/Nanocarbon Nanocomposite-Based Eco-friendly Textiles 2020 , 1-23		
298	Innovations in Poly(Vinyl Alcohol) Derived Nanomaterials. <i>Advances in Materials Science</i> , 2020 , 20, 5-22	1.8	3
297	Role of polymeric composite in civil engineering applications: a review. <i>Polymer-Plastics Technology and Materials</i> , 2020 , 59, 1023-1040	1.5	3
296	Nanocomposites of poly(ϵ -caprolactone) with nanocarbon and inorganic nanoparticles: a versatile platform for industrial applications. <i>Materials Research Innovations</i> , 2020 , 24, 373-383	1.9	5
295	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
294	Polymeric nanocomposites reinforced with nanowhiskers: Design, development, and emerging applications. <i>Journal of Plastic Film and Sheeting</i> , 2020 , 36, 312-333	2.4	6

293	Shape memory polyester-based nanomaterials: cutting-edge advancements. <i>Polymer-Plastics Technology and Materials</i> , 2020 , 59, 765-779	1.5	3
292	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
291	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
290	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
289	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
288	High-performance competence of polyaniline-based nanomaterials. <i>Materials Research Innovations</i> , 2020 , 24, 113-122	1.9	11
287	Performance of corrosion protective epoxy blend-based nanocomposite coatings: a review. <i>Polymer-Plastics Technology and Materials</i> , 2020 , 59, 658-673	1.5	8
286	Overview on nanocarbon sponges in polymeric nanocomposite. <i>Materials Research Innovations</i> , 2020 , 24, 309-320	1.9	6
285	Polymeric materials filled with hematite nanoparticle: current state and prospective application. <i>Polymer-Plastics Technology and Materials</i> , 2020 , 59, 323-338	1.5	2
284	Epoxy and quantum dots-based nanocomposites: achievements and applications. <i>Materials Research Innovations</i> , 2020 , 24, 235-243	1.9	4
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	Nanocellulose in polymer nanocomposite 2020 , 357-366		2
281	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
280	Polyacrylonitrile nanocomposite with carbon nanostructures: a review. <i>Polymer-Plastics Technology and Materials</i> , 2019 , 58, 707-731	1.5	4
279	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
278	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
277	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
276	Technical imprint of polymer nanocomposite comprising graphene quantum dot. <i>Polymer-Plastics Technology and Materials</i> , 2019 , 58, 597-617	1.5	3

275	Synthesis and characterization of DGEBA composites reinforced with Cu/Ag modified carbon nanotubes. <i>Heliyon</i> , 2019 , 5, e01733	3.6	1
274	Graphene nanomesh and polymeric material at cutting edge. <i>Polymer-Plastics Technology and Materials</i> , 2019 , 58, 803-820	1.5	2
273	A facile route for the synthesis of mechanically strong MWCNTs/NDs nanobifiller filled polyacrylate composites. <i>Polymer-Plastics Technology and Materials</i> , 2019 , 58, 1810-1827	1.5	3
272	Polymer and modified chitosan-based nanocomposite: impending material for technical application. <i>Polymer-Plastics Technology and Materials</i> , 2019 , 58, 934-947	1.5	3
271	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
270	Polyacrylonitrile-based nanocomposite fibers: A review of current developments. <i>Journal of Plastic Film and Sheeting</i> , 2019 , 35, 295-316	2.4	22
269	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
268	Advances in polymer-anchored carbon nanotube foam: a review. <i>Polymer-Plastics Technology and Materials</i> , 2019 , 58, 1965-1978	1.5	9
267	Graphene nanoribbon: fundamental aspects in polymeric nanocomposite. <i>Polymer-Plastics Technology and Materials</i> , 2019 , 58, 579-596	1.5	6
266	An Innovative Approach to the Synthesis of PMMA/PEG/Nanobifiller Filled Nanocomposites with Enhanced Mechanical and Thermal Properties. <i>Polymer-Plastics Technology and Materials</i> , 2019 , 58, 427-442	1.5	4
265	Polyurethane/Poly(2-chloro-5-methoxyaniline) and carbon nano-onion-based nanocomposite: physical properties and anti-corrosion behavior. <i>Materials Research Innovations</i> , 2019 , 23, 345-353	1.9	2
264	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
263	Polymeric nanocomposites reinforced with nanowires: Opening doors to future applications. <i>Journal of Plastic Film and Sheeting</i> , 2019 , 35, 65-98	2.4	7
262	Synthesis, Properties, and Applications of Polysulfone/Polyimide Nanocomposite Membrane Reinforced with Silica Nanoparticles. <i>Polymer Composites</i> , 2019 , 40, 1897-1910	3	7
261	Polybenzimidazole-based nanocomposite: current status and emerging developments. <i>Polymer-Plastics Technology and Materials</i> , 2019 , 58, 1979-1992	1.5	1
260	Inorganic nanomaterials in polymeric water decontamination membranes. <i>International Journal of Plastics Technology</i> , 2019 , 23, 1-11	2.7	8
259	Mechanical and Biodegradation Properties of Nanostructured Polymer Composites Under Degradation Behavior 2019 , 69-86		3
258	Nanomaterials for design and fabrication of superhydrophobic polymer coating 2019 , 77-90		1

257	Polymer/Graphene Nanomaterials: A Platform for Current High-Tech Applications 2019 , 455-469		1
256	Structure and Properties of Polyacrylonitrile/Polystyrene and Carbon Nanoparticle-Based Nanocomposite Foams. <i>Advances in Materials Science</i> , 2019 , 19, 5-20	1.8	3
255	Scope of Polymer/Graphene Nanocomposite in Defense Relevance. <i>Advances in Chemical and Materials Engineering Book Series</i> , 2019 , 296-315	0.2	
254	Eco-polymer and Carbon Nanotube Composite: Safe Technology 2019 , 2827-2842		1
253	Aeronautical Impact of Epoxy/Carbon Nanotube Nanocomposite. <i>Advances in Chemical and Materials Engineering Book Series</i> , 2019 , 80-102	0.2	0
252	Advances in Carbon Fiber Reinforced Polyamide-Based Composite Materials. <i>Advances in Materials Science</i> , 2019 , 19, 67-82	1.8	11
251	Electrical Conductivity in Polymer Composite Filled With Carbon Microfillers 2019 , 19-40		
250	Effect of External Fields on Electrical Conductivity of Polymer-Based Composites 2019 , 275-295		1
249	Epoxy functionalized multi-walled carbon nanotubes/polyvinylidene fluoride nanocomposites: Microstructure, morphology, thermal, piezoelectricity and conductivity investigations. <i>Polymer Composites</i> , 2019 , 40, E776	3	5
248	Nanocomposite of Polyacrylonitrile/Modified Polyethersulfone and Carbon Nano-onion: Effect of Dispersion on Physical Features, Interface and Fracture Behavior. <i>Journal of Dispersion Science and Technology</i> , 2019 , 40, 1264-1271	1.5	
247	Corrosion prevention prospects of polymeric nanocomposites: A review. <i>Journal of Plastic Film and Sheeting</i> , 2019 , 35, 181-202	2.4	30
246	Electrical Conductivity Behavior of Polymer Nanocomposite with Carbon Nanofillers 2019 , 41-72		5
245	Application of Polymer-Based Composites 2019 , 255-274		3
244	In-situ modified graphene reinforced polyamide 1010/poly(ether amide): mechanical, thermal, and barrier properties. <i>Materials Research Innovations</i> , 2019 , 23, 191-199	1.9	6
243	Applications of polymer/graphene nanocomposite membranes: a review. <i>Materials Research Innovations</i> , 2019 , 23, 276-287	1.9	32
242	Polyurethane nanocomposite coatings: state of the art and perspectives. <i>Polymer International</i> , 2018 , 67, 1470-1477	3.3	17
241	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
240	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

239	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
238	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
237	Prevailing Research Trends in Carbon Nanohorn and Polymer-based Hybrids. <i>Polymer-Plastics Technology and Engineering</i> , 2018 , 57, 118-132		8
236	Nanodiamond: a multitasking material for cutting edge solar cell application. <i>Materials Research Innovations</i> , 2018 , 22, 302-314	1.9	16
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	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
233	Fabrication of short glass fiber reinforced phenol-formaldehyde-lignin and polyurethane-based composite foam: mechanical, friability, and shape memory studies. <i>Journal of Polymer Engineering</i> , 2018 , 38, 33-40	1.4	4
232	Composite coatings of polyamide/graphene: microstructure, mechanical, thermal, and barrier properties. <i>Composite Interfaces</i> , 2018 , 25, 109-125	2.3	13
231	Polyurethane Composite Foams in High-Performance Applications: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2018 , 57, 346-369		90
230	Review on Polymer/Halloysite Nanotube Nanocomposite. <i>Polymer-Plastics Technology and Engineering</i> , 2018 , 57, 548-564		52
229	Graphite Filler-Based Nanocomposites with Thermoplastic Polymers: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2018 , 57, 565-580		17
228	Buckypaper of polyvinyl chloride/p-phenylenediamine modified graphite and PVC/graphite via resin infiltration technique. <i>Polymer Composites</i> , 2018 , 39, 4176-4187	3	4
227	Eco-polymer and Carbon Nanotube Composite: Safe Technology 2018 , 1-16		
226	Advances in Polymer/Graphene Nanocomposite for Biosensor Application. <i>NanoWorld Journal</i> , 2018 , 04,	2	6
225	Eco-polymer and Carbon Nanotube Composite: Safe Technology 2018 , 1-16		
224	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
223	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
222	Nanocomposite coatings of poly(3-Fluoro-p-anisidine)/modified polyethersulfone filled with graphene. <i>Journal of the Chinese Advanced Materials Society</i> , 2018 , 6, 459-477		

221	Nanodiamond Reinforced Epoxy Composite: Prospective Material for Coatings 2018 , 255-274		4
220	Efficiency of polymer/nanocarbon-based nanocomposite membranes in water treatment techniques. <i>Journal of the Chinese Advanced Materials Society</i> , 2018 , 6, 508-526		6
219	Scientific worth of polymer and graphene foam-based nanomaterials. <i>Journal of the Chinese Advanced Materials Society</i> , 2018 , 6, 779-800		4
218	Carbon nano-onion-filled polyacrylonitrile/polyethylenimine foams: structure, characteristics, and ion detoxification studies. <i>Journal of the Chinese Advanced Materials Society</i> , 2018 , 6, 352-368		4
217	Design and Synthesis of Hybrid Materials with POSS. <i>Springer Series on Polymer and Composite Materials</i> , 2018 , 27-44	0.9	1
216	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
215	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
214	Poly(methyl methacrylate-co-methacrylic amide)-polyethylene glycol/polycarbonate and graphene nanoribbon-based nanocomposite membrane for gas separation. <i>International Journal of Polymer Analysis and Characterization</i> , 2018 , 23, 450-462	1.7	8
213	Nanofiltration membranes of poly(styrene-co-chloro-methylstyrene)-grafted-DGEBA reinforced with gold and polystyrene nanoparticles for water purification. <i>Applied Water Science</i> , 2017 , 7, 1323-1335	5	2
212	Synthesis and properties of novel polystyrene/polyurea and functional graphene-based nanocomposite foams. <i>Journal of Cellular Plastics</i> , 2017 , 53, 305-318	1.5	6
211	Processing and properties of poly(ester-urethane)/modified montmorillonite nanocomposite foams derived from novel diol and tolylene-2,4-diisocyanate. <i>Journal of Thermoplastic Composite Materials</i> , 2017 , 30, 608-624	1.9	4
210	Aerospace composite cured by quickstep and autoclave processing techniques: Evaluation and comparison of reaction progress. <i>Aerospace Science and Technology</i> , 2017 , 65, 100-105	4.9	4
209	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		7
208	Current Research Status and Application of Polymer/Carbon Nanofiller Buckypaper: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 1780-1800		18
207	Research Progress in Frontiers of Poly(Ionic Liquid)s: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 1823-1838		27
206	Design of poly(1-hexadecene-sulfone)/poly(1,4-phenylene sulfide) membrane containing nano-zeolite and carbon nanotube for gas separation. <i>International Journal of Plastics Technology</i> , 2017 , 21, 96-107	2.7	6
205	Exploration on high performance polyamide 1010/polyurethane blends filled with functional graphene nanoplatelet: physical properties and technical application. <i>Journal of the Chinese Advanced Materials Society</i> , 2017 , 5, 133-147		8
204	Nanocomposite based on polystyrene/polyamide blend and bentonite: Morphology, thermal, and nonflammability properties. <i>Nanomaterials and Nanotechnology</i> , 2017 , 7, 184798041770278	2.9	4

203	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
202	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
201	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
200	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
199	State-of-the-Art Overview on Polymer/POSS Nanocomposite. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 1401-1420		34
198	Phase Inversion Technique-Based Polyamide Films and Their Applications: A Comprehensive Review. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 1421-1437		11
197	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
196	Emerging Research Trends in Polyurethane/Graphene Nanocomposite: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 1468-1486		22
195	Membranes of polycarbonate/poly(styrene-co-allyl alcohol) reinforced with nano-zeolite-based filler for gas separation. <i>Journal of the Chinese Advanced Materials Society</i> , 2017 , 5, 33-46		3
194	Survey on Langmuir-Blodgett Films of Polymer and Polymeric Composite. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 932-945		12
193	Research Advancement Towards Polymer/Nanodiamond Composite in Buckypaper: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 946-965		4
192	Physical properties of hybrid polymer/clay composites 2017 , 115-132		3
191	Polyurethane/Epoxy Interpenetrating Polymer Network 2017 ,		10
190	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
189	Shape memory interpenetrating network hybrids of epoxy/poly(urea-amide) and organic nanoparticle. <i>Journal of the Chinese Advanced Materials Society</i> , 2017 , 5, 158-173		2
188	Polyimide, polybenzimidazole-in situ-polyaniline nanoparticle and carbon nano-onion-based nanocomposite designed for corrosion protection. <i>International Journal of Polymer Analysis and Characterization</i> , 2017 , 22, 557-567	1.7	8
187	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
186	Adhesion, morphology, and heat resistance properties of polyurethane coated poly(methyl methacrylate)/fullerene-C60 composite films. <i>Composite Interfaces</i> , 2017 , 24, 649-662	2.3	5

185	Fabrication and Characterization of High-Performance Diglycidyl Ether of Bisphenol-A/Tetrabromobisphenol-A Blend Reinforced with Multiwalled Carbon Nanotube Composite. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 321-333		
184	Significance of Carbon Nanotube in Flame-Retardant Polymer/CNT Composite: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 470-487		24
183	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
182	Functional Polymeric Membrane Containing Inorganic Nanoparticle: Recent Advances and Applications. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 364-381		6
181	Advances in Polymeric Nanofiltration Membrane: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 841-856		64
180	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
179	Review Highlighting Physical Prospects of Styrenic Polymer and Styrenic Block Copolymer Reinforced with Carbon Nanotube. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 573-593		5
178	Review on Technological Significance of Photoactive, Electroactive, pH-sensitive, Water-active, and Thermo-responsive Polyurethane Materials. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 606-616		22
177	Overview on Polystyrene/Nanoclay Composite: Physical Properties and Application. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 917-931		8
176	Advances in Polymer/Fullerene Nanocomposite: A Review on Essential Features and Applications. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 594-605		41
175	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
174	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
173	Scrutinization of Polystyrene Microsphere-grafted Multiwalled Carbon Nanotube and Silver Nanoparticle-based Hybrids: Morphology, Thermal Properties, and Antibacterial Activity. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 202-215		5
172	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
171	Structure and chemistry of polymer/nanodiamond composites 2017 , 1-21		4
170	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
169	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
168	Structure and properties of buckypapers based on poly(methyl methacrylate-co-methacrylic acid)/polyamide 6,6 and carbon nanotube intercalated montmorillonite. <i>Journal of Composite Materials</i> , 2016 , 50, 1021-1030	2.7	2

167	Polyvinylchloride intercalated poly(ethylene glycol)-modified-multi-walled carbon nanotube buckypaper composites via resin-infiltration technique. <i>Journal of Plastic Film and Sheeting</i> , 2016 , 32, 217-238	2.4	2
166	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
165	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
164	Synthesis and properties of polyimide nanocomposites self-reinforced with electrospun poly(azo-naphthyl-imide)/carbon nanotube nanofibers. <i>Journal of Thermoplastic Composite Materials</i> , 2016 , 29, 312-326	1.9	8
163	Fuel cell membranes of phosphoric acid doped poly(benzimidazole/ether/siloxane/amide)/sulfonated polystyrene/silica nanoparticle nanocomposites: A physical property study. <i>Journal of Thermoplastic Composite Materials</i> , 2016 , 29, 717-731	1.9	3
162	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
161	Synthesis of multi-walled carbon nanotube/silica nanoparticle/polystyrene microsphere/polyaniline based hybrids for EMI shielding application. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2016 , 24, 507-519	1.8	8
160	A review on Zeolite-Reinforced Polymeric Membranes: Salient Features and Applications. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 1971-1987		13
159	Crosslinking of alginic acid/chitosan matrices using bis phenol-F-diglycidyl ether: mechanical, thermal and water absorption investigation. <i>International Journal of Plastics Technology</i> , 2016 , 20, 159-177	2.7	4
158	Poly(acrylonitrile-co-butadiene-co-styrene)/fly ash/halloysite nanotube composites: a study on physical properties and performance in fuels. <i>International Journal of Plastics Technology</i> , 2016 , 20, 57-66	2.7	1
157	Buckypapers of 4,4'-oxydianiline-modified polyvinylchloride and functional nano-filler obtained by resin infusion method. <i>Iranian Polymer Journal (English Edition)</i> , 2016 , 25, 213-228	2.3	3
156	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
155	Self-assembled tri-block terpolymer blend membranes reinforced with poly(methyl methacrylate)-coated gold nanoparticles obtained through phase inversion technique. <i>International Journal of Polymer Analysis and Characterization</i> , 2016 , 21, 606-616	1.7	3
154	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
153	Structure and properties of 4-aminobenzoic acid-modified polyvinyl chloride and functionalized graphite-based membranes. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2016 , 24, 75-87	1.8	8
152	Poly(etherimide)/polyurethane foams reinforced with graphene nanoplatelet: Microstructure, thermal stability, and flame resistance. <i>International Journal of Polymer Analysis and Characterization</i> , 2016 , 21, 436-446	1.7	9
151	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
150	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

149	Shape Memory and Physical Properties of Composites of Polyethylene Oxide/Poly(Propylene Glycol)-Block-Poly(Ethylene Glycol)-Block-Poly(Propylene Glycol)/2,4-Toluene Diisocyanate, Polypyrrole, and Modified MWCNT. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 1099-1114		3
148	Buckypapers of polyvinyl chloride/poly(styrene-co-maleic anhydride) blend intercalated graphene oxide-carbon nanotube nanobifiller: Physical property exploration. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2016 , 24, 202-212	1.8	8
147	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
146	Enhanced electrical and thermal conductivity of modified poly(acrylonitrile-co-butadiene)-based nanofluid containing functional carbon black-graphene oxide. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2016 , 24, 278-285	1.8	8
145	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
144	Fabrication and characterization of polyvinyl chloride/poly(styrene-co-maleic anhydride) intercalated functional nanobifiller-based composite paper. <i>International Journal of Polymer Analysis and Characterization</i> , 2016 , 21, 228-243	1.7	6
143	Overview of Various Sorts of Polymer Nanocomposite Reinforced with Layered Silicate. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 723-743		7
142	Research Progress on Properties and Applications of Polymer/Clay Nanocomposite. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 684-703		45
141	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
140	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
139	Epoxy composites reinforced with multi-walled carbon nanotube/poly(ethylene glycol)methylether-coated aramid fiber. <i>Journal of Polymer Engineering</i> , 2016 , 36, 465-471	1.4	3
138	Attributes of Polymer and Silica Nanoparticle Composites: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 826-861		26
137	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
136	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
135	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
134	Advances in Epoxy/Graphene Nanoplatelet Composite with Enhanced Physical Properties: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 643-662		55
133	Perspectives of Epoxy/Graphene Oxide Composite: Significant Features and Technical Applications. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 704-722		37
132	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

131	Influence Of Conducting Polymer On Mechanical, Thermal And Shape Memory Properties Of Polyurethane/Polythiophene Blends And Nanocomposite. <i>Advanced Materials Letters</i> , 2016 , 7, 282-288	2.4	3
130	Investigation on Nanocomposite Membrane of Multiwalled Carbon Nanotube Reinforced Polycarbonate Blend for Gas Separation. <i>Journal of Nanomaterials</i> , 2016 , 2016, 1-9	3.2	4
129	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
128	Composite of DGEBA/TBA epoxy blend and amine-functionalized carbon nanotube: Structural, thermal, nonflammability, and EMI shielding studies. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2016 , 24, 564-576	1.8	4
127	Polyurethane/poly(ethylene-co-ethyl acrylate) and functional carbon black-based hybrids: Physical properties and shape memory behavior. <i>Journal of Applied Polymer Science</i> , 2016 , 133, n/a-n/a	2.9	4
126	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
125	Poly(vinyl alcohol) and chitosan blend cross-linked with bis phenol-F-diglycidyl ether: mechanical, thermal and water absorption investigation. <i>Journal of the Chinese Advanced Materials Society</i> , 2016 , 4, 211-227		4
124	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
123	A Study on Physical Properties of Melt Blended Acrylonitrile Butadiene Styrene/Ethylene Vinyl Acetate Modified with Linear Low Density Polyethylene and Montmorillonite. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 1145-1154		3
122	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
121	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
120	Study on poly(imide-ethylene glycol) and graphene oxide-based hybrid proton exchange membrane. <i>International Journal of Polymer Analysis and Characterization</i> , 2016 , 21, 537-547	1.7	6
119	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
118	A Review on Polymer/Cement Composite with Carbon Nanofiller and Inorganic Filler. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 1299-1323		8
117	Polymer and Graphite-Derived Nanofiller Composite: An Overview of Functional Applications. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 1765-1784		17
116	Research Advancement in High-Performance Polyamides and Polyamide Blends Loaded with Layered Silicate. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 1536-1556		8
115	Technical Relevance of Polymer/Cement/Carbon Nanotube Composite: Opportunities and Challenges. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 1743-1764		5
114	Perspectives on Polyvinyl Chloride and Carbon Nanofiller Composite: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 1076-1098		7

113	Progress in Applications of Polymer-Based Membranes in Gas Separation Technology. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 1282-1298		27
112	Technical Relevance of Epoxy/Clay Nanocomposite with Organically Modified Montmorillonite: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 1393-1415		11
111	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
110	Review of Applications of Polymer/Carbon Nanotubes and Epoxy/CNT Composites. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 1167-1191		156
109	Physical properties and shape memory behavior of thermoplastic polyurethane/poly(ethylene-alt-maleic anhydride) blends and graphene nanoplatelet composite. <i>Iranian Polymer Journal (English Edition)</i> , 2016 , 25, 945-955	2.3	7
108	Modified graphene nanoplatelet and epoxy/block copolymer-based nanocomposite: physical characteristic and EMI shielding studies. <i>Nanocomposites</i> , 2016 , 2, 141-151	3.4	9
107	A Review on Preparation, Properties and Applications of Polymeric Nanoparticle-Based Materials. <i>Polymer-Plastics Technology and Engineering</i> , 2015 , 54, 325-341		79
106	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
105	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
104	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
103	Thermal, morphological, and conductivity profile of pyridine/thiophene-based polyesters and their miscible blends. <i>Journal of Thermoplastic Composite Materials</i> , 2015 , 28, 510-528	1.9	2
102	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
101	Nanocomposite membranes of poly(ethylene glycol) diamine cured DGEBA/poly(vinylidene fluoride) reinforced with poly(methyl methacrylate) coated gold nanoparticles. <i>International Journal of Plastics Technology</i> , 2015 , 19, 106-123	2.7	5
100	A Study on Poly(vinyl alcohol-co-ethylene)-graft-Polystyrene Reinforced with Two Functional Nanofillers. <i>Polymer-Plastics Technology and Engineering</i> , 2015 , 54, 741-749		7
99	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
98	Polymer/Graphite Nanocomposites: Physical Features, Fabrication and Current Relevance. <i>Polymer-Plastics Technology and Engineering</i> , 2015 , 54, 750-770		40
97	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
96	Poly(methyl methacrylate)/poly(urethane-urea)-based nanocellular foams reinforced with kaolin. <i>Journal of Composite Materials</i> , 2015 , 49, 3497-3506	2.7	5

95	Novel Hybrids of Polystyrene Nanoparticles and Silica Nanoparticles-Grafted-Graphite Via Modified Technique. <i>Polymer-Plastics Technology and Engineering</i> , 2015 , 54, 1122-1134		5
94	Investigation on Self-assembled Blend Membranes of Polyethylene-block-poly(ethylene glycol)-block-polcaprolactone and Poly(styrene-block-methyl methacrylate) with Polymer/gold Nanocomposite Particles. <i>Polymer-Plastics Technology and Engineering</i> , 2015 , 54, 1794-1802		5
93	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
92	Fabrication and Characteristics of Poly(benzimidazole/fluoro/ether/siloxane/amide)/Sulfonated Polystyrene/Silica Nanoparticle-Based Proton Exchange Membranes Doped With Phosphoric Acid. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2015 , 64, 184-191	3	8
91	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
90	Exploration of novel heat and flame-resistant poly(urethane/imide)/functional layered silicate-based foams. <i>High Performance Polymers</i> , 2015 , 27, 122-131	1.6	7
89	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
88	Sulfonated poly(sulfone-pyridine-amide)/sulfonated polystyrene/multiwalled carbon nanotube-based fuel cell membranes. <i>Polymer Engineering and Science</i> , 2015 , 55, 1776-1786	2.3	6
87	Advances in Shape Memory Polyurethanes and Composites: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2015 , 54, 1410-1423		34
86	A Review on Materials Derived from Polystyrene and Different Types of Nanoparticles. <i>Polymer-Plastics Technology and Engineering</i> , 2015 , 54, 1819-1849		8
85	Processing and characterization of fire-retardant modified polystyrene/functional graphite composites. <i>Composite Interfaces</i> , 2015 , 22, 517-530	2.3	13
84	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}		14
83	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
82	Thermal, mechanical and flame retardant behavior of poly(urethane-ester) nanocomposite foams reinforced with hydroxyl modified montmorillonite. <i>International Journal of Plastics Technology</i> , 2015 , 19, 275-287	2.7	6
81	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
80	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
79	Design and properties of polyvinylidene fluoride/poly(styrene-butadiene-styrene)/functionalized multi-walled carbon nanotube nanocomposite membranes. <i>Journal of Plastic Film and Sheeting</i> , 2015 , 31, 118-143	2.4	6
78	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

77	Poly(azo-ether-imide) nanocomposite films reinforced with nanofibers electrospun from multi-walled carbon nanotube filled poly(azo-ether-imide). <i>Journal of Plastic Film and Sheeting</i> , 2014 , 30, 266-283	2.4	8
76	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
75	Polymer/Nanodiamond Composites in Li-Ion Batteries: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2014 , 53, 550-563		27
74	Nano-structured PMMA/aramid blends: self-assembly via competitive interactions. <i>Polymer Bulletin</i> , 2014 , 71, 227-242	2.4	4
73	Advances in Polymer-based Nanostructured Membranes for Water Treatment. <i>Polymer-Plastics Technology and Engineering</i> , 2014 , 53, 1290-1316		20
72	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
71	Facile Synthesis and Properties of Multilayered Polyaniline/Polypyrrole/Epoxy/Polystyrene/Functionalized Carbon Nanotube Composites. <i>Polymer-Plastics Technology and Engineering</i> , 2014 , 53, 661-670		5
70	Design, synthesis and physical properties of poly(styrene-butadiene-styrene)/poly(thiourea-azo-sulfone) blends. <i>Bulletin of Materials Science</i> , 2014 , 37, 917-923	1.7	3
69	Preparation and properties of polyamide/epoxy/multi-walled carbon nanotube nanocomposite. <i>Journal of Plastic Film and Sheeting</i> , 2014 , 30, 205-224	2.4	3
68	Cure characterization of Cycom 977-2A carbon/epoxy composites for quickstep processing. <i>Polymer Engineering and Science</i> , 2014 , 54, 887-898	2.3	8
67	Synthesis and properties of melt processed poly(thiourea-azosulfone)/carbon nanotubes nanocomposites. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2014 , 32, 64-72	3.5	7
66	Properties of phosphoric acid doped Poly(benzimidazole/sulfone/siloxane/amide)/Sulfonated Polystyrene/Silica nanoparticle-based proton exchange membranes for fuel cells. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2014 , 32, 1319-1328	3.5	4
65	Preparation and properties of multi-layered polypyrrole/polyethylene glycol/poly(styrene-co-maleic anhydride) cumene terminated/4,4'-methylenedianiline/graphite-based nanocomposites. <i>Journal of Plastic Film and Sheeting</i> , 2014 , 30, 388-411	2.4	4
64	Preparation and properties of layered carbon nanotube/polyazopyridine/nanodiamond composites. <i>Journal of Plastic Film and Sheeting</i> , 2014 , 30, 412-434	2.4	1
63	Study on physical properties of poly(methyl methacrylate)/poly(thiophene amide)/silica/titania-grafted multiwalled carbon nanotube-based nanofiber composites. <i>High Performance Polymers</i> , 2014 , 26, 961-969	1.6	3
62	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
61	High-performance polymer/nanodiamond composites: synthesis and properties. <i>Iranian Polymer Journal (English Edition)</i> , 2014 , 23, 531-545	2.3	22
60	Recent Developments in Sulfur-Containing Polymers. <i>Polymer Reviews</i> , 2014 , 54, 185-267	14	89

59	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
58	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
57	Self-assembled nanoblends of functional polystyrene and a reactive aramid: Morphological and thermomechanical profile. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	9
56	Preparation and properties of multilayered polymer/nanodiamond composites via an in situ technique. <i>Journal of Polymer Engineering</i> , 2014 , 34, 415-429	1.4	2
55	Fabrication and Properties of Novel Polyaniline/ Poly(styrene-co-maleic anhydride)cumene Terminated/4,4'-oxydianiline/Graphite-Based Nanocomposites via Layered Polymerization. <i>Polymer-Plastics Technology and Engineering</i> , 2014 , 53, 1542-1552		7
54	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
53	Effect of miscibility and interaction on the properties of polymethylmethacrylate/aramid nanoblends. <i>Polymers for Advanced Technologies</i> , 2014 , 25, 196-203	3.2	9
52	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
51	Polyamide-grafted-multi-walled carbon nanotube electrospun nanofibers/epoxy composites. <i>Fibers and Polymers</i> , 2014 , 15, 2564-2571	2	20
50	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
49	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
48	Elastomeric blends of poly(styrene-butadiene-styrene) and conductive heteroaromatic poly(thiourea-azo-ether): Tensile and thermal properties. <i>Journal of Elastomers and Plastics</i> , 2014 , 46, 710-721	1.6	1
47	Carbon nanotubes/silver nanoparticles/poly(azo-thiourea) hybrids: Morphological, tensile and conductivity profile. <i>Journal of Composite Materials</i> , 2014 , 48, 3271-3280	2.7	5
46	Influence of interface interaction on thermal, mechanical and conducting properties of segmented poly(azo-urethane)/carbon nanotube composites. <i>International Journal of Plastics Technology</i> , 2014 , 18, 203-222	2.7	5
45	Formation of aramid-silica-grafted-multi-walled carbon nanotube-based nanofiber via the sol-gel route: thermal and mechanical profile of hybrids with poly(methyl methacrylate). <i>E-Polymers</i> , 2014 , 14, 177-185	2.7	2
44	A study on high-performance poly(azo-pyridine-benzophenone-imide) nanocomposites via self-reinforcement of electrospun nanofibers. <i>Iranian Polymer Journal (English Edition)</i> , 2014 , 23, 127-136 ^{2,3}		8
43	Processing and properties of new heteroaromatic Schiff-base poly(sulfone-ester)s and their blends. <i>Iranian Polymer Journal (English Edition)</i> , 2013 , 22, 175-185	2.3	6
42	Nanoblends of PMMA/aramid: A study on morphological and physical properties. <i>Solid State Sciences</i> , 2013 , 24, 36-43	3.4	6

41	Mechanically and thermally stable blends of poly(styrene-butadiene-styrene) with conducting poly(thiourea-azo-naphthyl). <i>Chinese Journal of Polymer Science (English Edition)</i> , 2013 , 31, 1623-1631	3.5	2
40	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
39	High performance heteroaromatic poly(azo-ester)s and their miscible blends: Thermomechanical and conductivity profile. <i>Polymer Science - Series B</i> , 2013 , 55, 556-565	0.8	2
38	New generation of thermally stable and conducting poly(azomethine-ester)s: nano-blend formation with polyaniline. <i>Polymer International</i> , 2013 , 62, 1442-1450	3.3	3
37	Novel Hybrids Derived from Poly(thiourea-amide)/Epoxy and Carbon Nanotubes. <i>Polymer-Plastics Technology and Engineering</i> , 2013 , 52, 1169-1174		16
36	Investigation of physical properties and structure-property relationship in new poly(azo-sulfone-amide)s. <i>High Performance Polymers</i> , 2013 , 25, 387-398	1.6	
35	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
34	Nanocomposites of poly(thioureaamide) with carbon nanotube: Influence on mechanical, thermal, and morphological properties. <i>High Performance Polymers</i> , 2013 , 25, 813-821	1.6	5
33	Nanoblends of novel polyesters with polyaniline: Conductivity and heat-stability studies. <i>High Performance Polymers</i> , 2013 , 25, 324-336	1.6	1
32	Nanoporous membranes by cooperative self-assembly of functionalized SEBS and titania. <i>Surface and Interface Analysis</i> , 2013 , 45, 1252-1260	1.5	2
31	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
30	Physical properties of solution cast poly(styrene-butadiene-styrene)/heteroaromatic poly(azo-thiourea) blends. <i>Journal of Plastic Film and Sheeting</i> , 2013 , 29, 271-289	2.4	3
29	High performance new heteroaromatic poly(thiourea-imide-ester)s: Synthesis and characterization. <i>High Performance Polymers</i> , 2013 , 25, 205-213	1.6	3
28	Physical and thermal properties of thermoplastic poly(azo-urethane)s: Effect of novel chain extender and hard segment content. <i>High Performance Polymers</i> , 2013 , 25, 337-347	1.6	2
27	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
26	Novel aromatic and aromatic- α liphatic 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
25	An investigation on new high performance Schiff base polyurethanes. <i>High Performance Polymers</i> , 2012 , 24, 125-134	1.6	4
24	Synthesis and characterization of novel thermally stable aromatic and semiaromatic polyamides derived from thiourea-based flexible diacid dichlorides. <i>Monatshefte Für Chemie</i> , 2011 , 142, 201-209	1.4	6

23	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
22	Investigation on novel thermoplastic poly(urethane-thiourea-imide)s with enhanced chemical and heat resistance. <i>Polymer Degradation and Stability</i> , 2011 , 96, 1333-1341	4-7	9
21	Synthesis and thermal behavior of novel poly(thiourea-amide)s derived from 1-(4-aminobenzoyl)-3-(3-aminophenyl) thiourea. <i>High Performance Polymers</i> , 2011 , 23, 424-433	1.6	3
20	New heat resistant poly (thiourea-amide-imide)s derived from 1-(1,3-dioxo-2-(4-aminophenyl) isoindolin-5-yl)carbonyl-3-(4-aminophenyl) thiourea for high performance applications. <i>High Performance Polymers</i> , 2011 , 23, 610-619	1.6	2
19	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
18	Novel thermally stable poly(thiourea-imide-imide)s bearing CS moieties and pyridine units in the backbone: Synthesis and properties. <i>Polymer Degradation and Stability</i> , 2010 , 95, 2611-2618	4-7	6
17	Facile synthesis and properties of a new generation of soluble and thermally stable polyimides. <i>Polymer Degradation and Stability</i> , 2010 , 95, 2603-2610	4-7	9
16	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
15	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
14	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
13	Mechanical properties of functionalized SEBS based inorganic hybrid materials. <i>Polymer Bulletin</i> , 2007 , 59, 457-468	2.4	44
12	Polymer dots and derived hybrid nanomaterials: A review. <i>Journal of Plastic Film and Sheeting</i> , 2011 , 43, 1010-1013	875608792110103	
11	Polymer/MXene nanocomposite: a new age for advanced materials. <i>Polymer-Plastics Technology and Materials</i> , 1-16	1.5	2
10	Shape memory poly(methyl methacrylate) nanocomposites: design and methodical trends. <i>Polymer-Plastics Technology and Materials</i> , 1-16	1.5	
9	Polyaniline/graphene nanoplatelet nanocomposite towards high-end features and applications. <i>Materials Research Innovations</i> , 1-13	1.9	1
8	Advances in polystyrene/graphene nanoplatelet nanocomposites. <i>Journal of Plastic Film and Sheeting</i> , 2011 , 43, 1029-1032	875608792110296	2.4 1
7	Technological sway of polymer and nanoflower nanofiller consequent nanocomposite: state-of-the-art. <i>Polymer-Plastics Technology and Materials</i> , 1-18	1.5	
6	Polyamide/nanosilica nanocomposite: a chronicle of design and high-tech progressions. <i>Materials Research Innovations</i> , 1-12	1.9	2

5	Evolving scientific aptitude of poly(ethylene glycol) filled with carbonaceous nanofillers. <i>Journal of Plastic Film and Sheeting</i> ,875608792199909	2.4	0
4	A review of current knowledge and future trends in polymer/boehmite nanocomposites. <i>Journal of Plastic Film and Sheeting</i> ,875608792110435	2.4	2
3	Up-to-date Notions of Polystyrene Nanocomposite Nanofibers. <i>Materials Research Innovations</i> ,1-13	1.9	
2	Effect of nanofillers on polyurethane/polystyrene matrix nanocomposites: Characteristics and forthcoming developments. <i>Journal of Plastic Film and Sheeting</i> ,875608792110598	2.4	
1	Polymer/graphene nanofoam nanocomposites: Properties and potential. <i>Journal of Plastic Film and Sheeting</i> ,875608792210843	2.4	