

# Hossein Roghani-Mamaqani

## List of Publications by Year in Descending Order

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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.

185  
papers

4,671  
citations

39  
h-index

54  
g-index

189  
ext. papers

5,526  
ext. citations

4.6  
avg, IF

6.68  
L-index

#	Paper	IF	Citations
185	Stimuli-responsive destructible polymeric hydrogels based on irreversible covalent bond dissociation. <i>Polymer Chemistry</i> , <b>2022</b> , 13, 161-192	4.9	6
184	Stimuli-Responsive Covalent Adaptable Hydrogels Based on Homolytic Bond Dissociation and Chain Transfer Reactions. <i>Chemistry of Materials</i> , <b>2022</b> , 34, 468-498	9.6	4
183	Development of highly sensitive metal-ion chemosensor and key-lock anticounterfeiting technology based on oxazolidine.. <i>Scientific Reports</i> , <b>2022</b> , 12, 1079	4.9	1
182	Janus-type dendrimers: synthesis, properties, and applications. <i>Journal of Molecular Liquids</i> , <b>2022</b> , 347, 118396	6	3
181	Chemical stimuli-induced reversible bond cleavage in covalently crosslinked hydrogels. <i>Coordination Chemistry Reviews</i> , <b>2022</b> , 455, 214368	23.2	8
180	Smart block copolymers as fluorescence chemosensors of copper ions with high detection limit. <i>Journal of Molecular Liquids</i> , <b>2022</b> , 345, 117786	6	2
179	Coumarin-Containing Block Copolymers as Carbon Dioxide Chemosensors Based on a Fluorescence Quenching Mechanism. <i>ACS Applied Polymer Materials</i> , <b>2022</b> , 4, 1816-1825	4.3	1
178	Semi-interpenetrated polymer networks based on modified cellulose and starch as gel polymer electrolytes for high performance lithium ion batteries. <i>Cellulose</i> , <b>2022</b> , 29, 3423	5.5	1
177	Synthesis, optical properties, and cell imaging performance of perylene-3,4,9,10-tetracarboxylic diimide (PTCDI)-based poly(amidoamine) (PAMAM) dendrimers. <i>European Polymer Journal</i> , <b>2022</b> , 170, 111159	5.2	0
176	Stimuli-responsive block copolymers as pH chemosensors by fluorescence emission intensification mechanism. <i>European Polymer Journal</i> , <b>2021</b> , 162, 110928	5.2	1
175	Morphology evolution of multi-responsive ABA triblock copolymers containing photo-crosslinkable coumarin molecules. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 344, 117766	6	2
174	Modification of carbon nanotube with poly(amidoamine) dendritic structures to prepare a multifunctional hybrid curing component for epoxidized polyurethane and novolac resins. <i>Journal of Polymer Research</i> , <b>2021</b> , 28, 1	2.7	2
173	Poly(amidoamine) dendrimer-grafted carbon nanotubes as a hybrid multifunctional curing agent for epoxy-modified polyurethane. <i>Carbon Letters</i> , <b>2021</b> , 31, 677	2.3	1
172	Preparation of a hyperbranched hybrid curing agent for epoxidized novolac resin. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , <b>2021</b> , 29, 793-802	1.8	2
171	Fabrication of acid-labile poly(2-hydroxyethyl methacrylate) nanoparticles using aldazine-based crosslinker as pH-sensitive drug nanocarriers. <i>Polymers for Advanced Technologies</i> , <b>2021</b> , 32, 3095-3103	3.2	2
170	Interparticle cycloaddition reactions for morphology transition of coumarin-functionalized stimuli-responsive polymer nanoparticles prepared by surfactant-free dispersion polymerization. <i>Polymer</i> , <b>2021</b> , 228, 123899	3.9	5
169	Preparation of photolabile nanoparticles by coumarin-based crosslinker for drug delivery under light irradiation. <i>Journal of Physics and Chemistry of Solids</i> , <b>2021</b> , 154, 110102	3.9	9

168	Preparation of polyurethane composites reinforced with halloysite and carbon nanotubes. <i>Polymer Composites</i> , <b>2021</b> , 42, 450-461	3	7
167	Cellulose nanocrystal-grafted multi-responsive copolymers containing cleavable o-nitrobenzyl ester units for stimuli-stabilization of oil-in-water droplets. <i>Chemical Engineering Journal</i> , <b>2021</b> , 417, 128005	14.7	6
166	Influence of aspartic acid functionalized graphene oxide presence in polyvinylchloride mixed matrix membranes on chromium removal from aqueous feed containing humic acid. <i>Journal of Environmental Chemical Engineering</i> , <b>2021</b> , 9, 104685	6.8	11
165	A review on synthesis and applications of dendrimers. <i>Journal of the Iranian Chemical Society</i> , <b>2021</b> , 18, 503-517	2	18
164	Dual-mode security anticounterfeiting and encoding by electrospinning of highly photoluminescent spiroopyran nanofibers. <i>Journal of Materials Chemistry C</i> , <b>2021</b> , 9, 9571-9583	7.1	8
163	Hyperbranched Poly(amidoamine)-Grafted Graphene Oxide as a Multifunctional Curing Agent for Epoxy-Terminated Polyurethane Composites. <i>ChemistrySelect</i> , <b>2021</b> , 6, 2692-2699	1.8	4
162	Photoswitchable surface wettability of ultrahydrophobic nanofibrous coatings composed of spiroopyran-acrylic copolymers. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 593, 67-78	9.3	10
161	Effect of poly(amidoamine) dendrimer-grafted silica nanoparticles and different chain extenders on thermal properties of epoxy-modified polyurethane composites. <i>Bulletin of Materials Science</i> , <b>2021</b> , 44, 1	1.7	1
160	Synthesis of copper and copper oxide nanoparticles with different morphologies using aniline as reducing agent. <i>Solid State Communications</i> , <b>2021</b> , 334-335, 114364	1.6	3
159	Application of poly(amidoamine) dendrimer as transfer agent to synthesize poly(amidoamine)-b-poly(methyl acrylate) amphiphilic block copolymers: Self-assembly in aqueous media and drug delivery. <i>Journal of Drug Delivery Science and Technology</i> , <b>2021</b> , 64, 102626	4.5	4
158	Polymer-functionalization of carbon nanotube by in situ conventional and controlled radical polymerizations. <i>Advances in Colloid and Interface Science</i> , <b>2021</b> , 294, 102471	14.3	4
157	Polyampholyte poly[2-(dimethylamino)ethyl methacrylate]-star-poly(methacrylic acid) star copolymers as colloidal drug carriers. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 335, 116247	6	4
156	Synthesis, photocrosslinking, and self-assembly of coumarin-anchored poly(amidoamine) dendrimer for smart drug delivery system. <i>European Polymer Journal</i> , <b>2021</b> , 158, 110686	5.2	5
155	Synthesis and properties of fluorescent coumarin/perylene-3,4,9,10-tetracarboxylic diimide hybrid as cold dye. <i>Materials Research Bulletin</i> , <b>2021</b> , 144, 111500	5.1	2
154	Halloysite-reinforced thermoplastic polyurethane nanocomposites: Physico-mechanical, rheological, and thermal investigations. <i>Polymer Composites</i> , <b>2020</b> , 41, 3260-3270	3	10
153	Encryption and optical authentication of confidential cellulosic papers by ecofriendly multi-color photoluminescent inks. <i>Carbohydrate Polymers</i> , <b>2020</b> , 245, 116507	10.3	19
152	Adsorption kinetics of methyl orange from water by pH-sensitive poly(2-(dimethylamino)ethyl methacrylate)/nanocrystalline cellulose hydrogels. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 28091-28103	5.1	16
151	Temperature-induced self-assembly of amphiphilic triblock terpolymers to low cytotoxic spherical and cubic structures as curcumin carriers. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 313, 113504	6	13

150	Synthesis of amphiphilic Janus dendrimer and its application in improvement of hydrophobic drugs solubility in aqueous media. <i>European Polymer Journal</i> , <b>2020</b> , 134, 109804	5.2	17
149	Photoswitchable fluorescent polymer nanoparticles as high-security anticounterfeiting materials for authentication and optical patterning. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 5476-5493	7.1	38
148	Temperature-Responsive Poly(-Isopropylacrylamide) Nanogels: The Role of Hollow Cavities and Different Shell Cross-Linking Densities on Doxorubicin Loading and Release. <i>Langmuir</i> , <b>2020</b> , 36, 2683-2694	4.9	35
147	Controlled release of anti-cancer drug from the shell and hollow cavities of poly(N-isopropylacrylamide) hydrogel particles synthesized via reversible addition-fragmentation chain transfer polymerization. <i>European Polymer Journal</i> , <b>2020</b> , 135, 109877	5.2	10
146	Encryption and authentication of security patterns by ecofriendly multi-color photoluminescent inks containing oxazolidine-functionalized nanoparticles. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 580, 192-210	9.3	17
145	UV-stabilized self-assembled amphiphilic triblock terpolymers supramolecular structures with low cytotoxicity as doxorubicin carriers. <i>Materials Science and Engineering C</i> , <b>2020</b> , 110, 110745	8.3	18
144	Functionalization of carbon nanotubes by combination of controlled radical polymerization and "grafting to" method. <i>Advances in Colloid and Interface Science</i> , <b>2020</b> , 278, 102126	14.3	46
143	Polystyrene-attached graphene oxide with different graft densities via reversible addition-fragmentation chain transfer polymerization and grafting through approach. <i>Applied Physics A: Materials Science and Processing</i> , <b>2020</b> , 126, 1	2.6	8
142	Effect of Aliphatic and Aromatic Chain Extenders on Thermal Stability of Graphene Oxide/Polyurethane Hybrid Composites Prepared by Sol-Gel Method. <i>ChemistrySelect</i> , <b>2020</b> , 5, 962-967	1.8	12
141	Modification of cellulose nanocrystal with dual temperature- and CO <sub>2</sub> -responsive block copolymers for ion adsorption applications. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 310, 113234	6	17
140	Perylene-3,4,9,10-tetracarboxylic diimide and its derivatives: Synthesis, properties and bioapplications. <i>Dyes and Pigments</i> , <b>2020</b> , 180, 108488	4.6	22
139	Seed's morphology-induced core-shell composite particles by seeded emulsion polymerization for drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2020</b> , 191, 111008	6	6
138	Morphology evolution of functionalized styrene and methyl methacrylate copolymer latex nanoparticles by one-step emulsifier-free emulsion polymerization. <i>European Polymer Journal</i> , <b>2020</b> , 133, 109790	5.2	11
137	Light-induced spherical to dumbbell-like morphology transition of coumarin-functionalized latex nanoparticles by a [2+ 2] cycloaddition reaction: a fast and facile strategy to anisotropic geometry. <i>Polymer Chemistry</i> , <b>2020</b> , 11, 2053-2069	4.9	18
136	A comparative study on solubility improvement of tetracycline and dexamethasone by poly(propylene imine) and polyamidoamine dendrimers: An insight into cytotoxicity and cell proliferation. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2020</b> , 108, 485-495	5.4	13
135	One-pot synthesis of organo-silica hybrids with high thermal properties via a simple sol-gel process. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2020</b> , 140, 2267-2274	4.1	
134	Interaction of photoswitchable nanoparticles with cellulosic materials for anticounterfeiting and authentication security documents. <i>Carbohydrate Polymers</i> , <b>2020</b> , 230, 115603	10.3	28
133	Fabrication of high thermal stable cured novolac/Cloisite 30B nanocomposites by chemical modification of resin structure. <i>Polymers for Advanced Technologies</i> , <b>2020</b> , 31, 226-232	3.2	3

132	Light-, temperature-, and pH-responsive micellar assemblies of spiropyran-initiated amphiphilic block copolymers: Kinetics of photochromism, responsiveness, and smart drug delivery. <i>Materials Science and Engineering C</i> , <b>2020</b> , 109, 110524	8.3	49
131	Light- and temperature-responsive micellar carriers prepared by spiropyran-initiated atom transfer polymerization: Investigation of photochromism kinetics, responsivities, and controlled release of doxorubicin. <i>Polymer</i> , <b>2020</b> , 187, 122046	3.9	48
130	Multi-responsive poly(amidoamine)-initiated dendritic-star supramolecular structures containing UV cross-linkable coumarin groups for smart drug delivery. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 319, 114138	6.8	20
129	Photoluminescent and Chromic Nanomaterials for Anticounterfeiting Technologies: Recent Advances and Future Challenges. <i>ACS Nano</i> , <b>2020</b> , 14, 14417-14492	16.7	109
128	Stimuli-transition of hydrophobicity/hydrophilicity in o-nitrobenzyl ester-containing multi-responsive copolymers: Application in patterning and droplet stabilization in heterogeneous media. <i>Polymer</i> , <b>2020</b> , 205, 122859	3.9	12
127	A review on synthesis, photophysical properties, and applications of dendrimers with perylene core. <i>European Polymer Journal</i> , <b>2020</b> , 137, 109933	5.2	21
126	Carbon dioxide-switched removal of nitrate ions from water by cellulose nanocrystal-grafted and free multi-responsive block copolymers. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 318, 114301	6	9
125	Chemical incorporation of epoxy-modified graphene oxide into epoxy/novolac matrix for the improvement of thermal characteristics. <i>Carbon Letters</i> , <b>2020</b> , 30, 13-22	2.3	7
124	Synthesis of coumarin-containing multi-responsive CNC-grafted and free copolymers with application in nitrate ion removal from aqueous solutions. <i>Carbohydrate Polymers</i> , <b>2019</b> , 225, 115247	10.3	38
123	Polymer grafting on graphene layers by controlled radical polymerization. <i>Advances in Colloid and Interface Science</i> , <b>2019</b> , 273, 102021	14.3	37
122	Grafting light-, temperature, and CO <sub>2</sub> -responsive copolymers from cellulose nanocrystals by atom transfer radical polymerization for adsorption of nitrate ions. <i>Polymer</i> , <b>2019</b> , 182, 121830	3.9	40
121	Effect of surface chemistry and content of nanocrystalline cellulose on removal of methylene blue from wastewater by poly(acrylic acid)/nanocrystalline cellulose nanocomposite hydrogels. <i>Cellulose</i> , <b>2019</b> , 26, 5603-5619	5.5	29
120	Stimulus-responsive polymeric nanogels as smart drug delivery systems. <i>Acta Biomaterialia</i> , <b>2019</b> , 92, 1-18	10.8	149
119	Evaluation of in vitro cytotoxicity and properties of polydimethylsiloxane-based polyurethane/crystalline nanocellulose bionanocomposites. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2019</b> , 107, 1771-1778	5.4	10
118	Investigation of thermophysical and adhesion/mechanical properties of amine-cured epoxidized polysulfide polymer/epoxidized graphene nanocomposites. <i>Progress in Organic Coatings</i> , <b>2019</b> , 131, 211478	4.8	19
117	Effect of grafting ratio of poly(propylene imine) dendrimer onto gold nanoparticles on the properties of colloidal hybrids, their DOX loading and release behavior and cytotoxicity. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 178, 500-507	6	30
116	Hybrid and hollow Poly(N,N-dimethylaminoethyl methacrylate) nanogels as stimuli-responsive carriers for controlled release of doxorubicin. <i>Polymer</i> , <b>2019</b> , 180, 121716	3.9	43
115	Stimuli-chromism of photoswitches in smart polymers: Recent advances and applications as chemosensors. <i>Progress in Polymer Science</i> , <b>2019</b> , 98, 101149	29.6	89

114	Mechanical properties, crystallinity, and self-nucleation of carbon nanotube-polyurethane nanocomposites. <i>Polymer Testing</i> , <b>2019</b> , 79, 106011	4.5	22
113	Preparation of polyurethane-acrylate and silica nanoparticle hybrid composites by a free radical network formation method. <i>Bulletin of Materials Science</i> , <b>2019</b> , 42, 1	1.7	13
112	Fabrication of microphase-separated polyurethane/cellulose nanocrystal nanocomposites with irregular mechanical and shape memory properties. <i>Applied Physics A: Materials Science and Processing</i> , <b>2019</b> , 125, 1	2.6	19
111	One-step fabrication of low cytotoxic anisotropic poly(2-hydroxyethyl methacrylate-co-methacrylic acid) particles for efficient release of DOX. <i>Journal of Drug Delivery Science and Technology</i> , <b>2019</b> , 54, 101332	4.5	4
110	The light-controlling of temperature-responsivity in stimuli-responsive polymers. <i>Polymer Chemistry</i> , <b>2019</b> , 10, 5686-5720	4.9	83
109	Incorporation of silica nanoparticles and polyurethane into hybrid composites for increase of char residue. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2019</b> , 135, 3311-3319	4.1	17
108	Preparation of carbon nanotube and polyurethane-imide hybrid composites by sol-gel reaction. <i>Polymer Composites</i> , <b>2019</b> , 40, E1903-E1909	3	24
107	Fabricating cauliflower-like and dumbbell-like Janus particles: Loading and simultaneous release of DOX and ibuprofen. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 173, 155-163	6	25
106	Polysulfide Polymers: Synthesis, Blending, Nanocomposites, and Applications. <i>Polymer Reviews</i> , <b>2019</b> , 59, 124-148	14	17
105	Stimuli-responsive behavior of smart copolymers-grafted magnetic nanoparticles: Effect of sequence of copolymer blocks. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 476, 83-92	2.7	17
104	Incorporation of graphene oxide nanolayers into thermally stable hybrid composites of thermosetting resins by combination of curing and sol-gel reactions. <i>Polymer Bulletin</i> , <b>2018</b> , 75, 4859-4880	2.4	6
103	Nanoconfinement effect of graphene on thermophysical properties and crystallinity of matrix-grafted graphene/crosslinked polysulfide polymer nanocomposites. <i>Diamond and Related Materials</i> , <b>2018</b> , 83, 177-183	3.5	22
102	Preparation of Furfuryl Alcohol-Functionalized Carbon Nanotube and Epoxidized Novolac Resin Composites with High Char Yield. <i>Polymer Composites</i> , <b>2018</b> , 39, E1231-E1236	3	16
101	Preparation of organic-inorganic hybrid nanocomposites from chemically modified epoxy and novolac resins and silica-attached carbon nanotubes by sol-gel process: Investigation of thermal degradation and stability. <i>Progress in Organic Coatings</i> , <b>2018</b> , 117, 154-165	4.8	49
100	Preparation of carbon nanotube-containing hybrid composites from epoxy, novolac, and epoxidized novolac resins using sol-gel method. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2018</b> , 132, 513-524	4.1	16
99	Amine-modified graphene oxide as co-curing agent of epoxidized polysulfide prepolymer: Thermophysical and mechanical properties of nanocomposites. <i>Diamond and Related Materials</i> , <b>2018</b> , 86, 109-116	3.5	21
98	Preparation of epoxidized novolac resin nanocomposites: Physical and chemical incorporation of modified graphene oxide layers for improvement of thermal stability. <i>Polymer Testing</i> , <b>2018</b> , 68, 467-474	4.5	14
97	Fabricating core (Au)-shell (different stimuli-responsive polymers) nanoparticles via inverse emulsion polymerization: Comparing DOX release behavior in dark room and under NIR lighting. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2018</b> , 166, 144-151	6	28

96	Effect of surface modification with various thiol compounds on colloidal stability of gold nanoparticles. <i>Applied Organometallic Chemistry</i> , <b>2018</b> , 32, e4079	3.1	21
95	Preparation of hyperbranched poly (amidoamine)-grafted graphene nanolayers as a composite and curing agent for epoxy resin. <i>Applied Surface Science</i> , <b>2018</b> , 428, 1061-1069	6.7	59
94	Synthesis of dual thermo- and pH-sensitive poly(N-isopropylacrylamide-co-acrylic acid)-grafted cellulose nanocrystals by reversible addition-fragmentation chain transfer polymerization. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2018</b> , 106, 231-243	5.4	33
93	Grafting to approach for surface modification of AuNPs with RAFT-mediated synthesized smart polymers: Stimuli-responsive behaviors of hybrid nanoparticles. <i>Journal of Physics and Chemistry of Solids</i> , <b>2018</b> , 123, 183-190	3.9	10
92	Design of polyelectrolyte core-shell and polyelectrolyte/non-polyelectrolyte Janus nanoparticles as drug nanocarriers. <i>Journal of Dispersion Science and Technology</i> , <b>2018</b> , 39, 1730-1741	1.5	12
91	Multifunctional curing component for epoxidized novolac resin by grafting poly (amidoamine) on carbon nanotubes using a divergent method. <i>Polymers for Advanced Technologies</i> , <b>2018</b> , 29, 2216-2223	3.2	15
90	Grafting of silica nanoparticles at the surface of graphene for application in novolac-type phenolic resin hybrid composites. <i>Materials Chemistry and Physics</i> , <b>2018</b> , 216, 468-475	4.4	28
89	Synthesis and characterization of bis(oxiranylmethyl)sulfanes as new epoxide-terminated polysulfide prepolymers and their use in synthesis of new amine-cured polysulfide polymers. <i>Advances in Polymer Technology</i> , <b>2018</b> , 37, 3325-3334	1.9	6
88	Preparation of hybrid composites based on epoxy, novolac, and epoxidized novolac resins and silica nanoparticles with high char residue by sol-gel method. <i>Polymer Composites</i> , <b>2018</b> , 39, E2316-E2323	3	14
87	Light-Induced Aggregation and Disaggregation of Stimuli-Responsive Latex Particles Depending on Spiropyran Concentration: Kinetics of Photochromism and Investigation of Reversible Photopatterning. <i>Langmuir</i> , <b>2018</b> , 34, 13910-13923	4	47
86	Modification of graphene with silica nanoparticles for use in hybrid network formation from epoxy, novolac, and epoxidized novolac resins by sol-gel method: Investigation of thermal properties. <i>EXPRESS Polymer Letters</i> , <b>2018</b> , 12, 187-202	3.4	38
85	Rewritable Anticounterfeiting Polymer Inks Based on Functionalized Stimuli-Responsive Latex Particles Containing Spiropyran Photoswitches: Reversible Photopatterning and Security Marking. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 39279-39292	9.5	78
84	Simultaneous two drugs release form Janus particles prepared via polymerization-induced phase separation approach. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2018</b> , 170, 85-91	6	31
83	Grafting polystyrene with various graft densities through epoxy groups of graphene nanolayers via atom transfer radical polymerization. <i>Polymer Composites</i> , <b>2017</b> , 38, 2450-2458	3	10
82	Effect of surface chemistry of graphene and its content on the properties of ethylene dichloride- and disodium tetrasulfide-based polysulfide polymer nanocomposites. <i>Polymer Composites</i> , <b>2017</b> , 38, E515-E524	3	14
81	Synthesis and investigation of dual pH- and temperature-responsive behaviour of poly[2-(dimethylamino)ethyl methacrylate]-grafted gold nanoparticles. <i>Applied Organometallic Chemistry</i> , <b>2017</b> , 31, e3702	3.1	39
80	Reversible addition fragmentation chain transfer polymerization of styrene from the edge of graphene oxide nanolayers. <i>Journal of Polymer Research</i> , <b>2017</b> , 24, 1	2.7	14
79	Poly(propylene imine) dendrimer-grafted nanocrystalline cellulose: Doxorubicin loading and release behavior. <i>Polymer</i> , <b>2017</b> , 117, 287-294	3.9	62

78	Synthesis and characterization of poly(propylene imine)-dendrimer-grafted gold nanoparticles as nanocarriers of doxorubicin. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2017</b> , 155, 257-265	6	45
77	Synthesis of dual-sensitive nanocrystalline cellulose-grafted block copolymers of N-isopropylacrylamide and acrylic acid by reversible addition-fragmentation chain transfer polymerization. <i>Cellulose</i> , <b>2017</b> , 24, 2241-2254	5.5	54
76	Synthesis of poly(propylene imine) dendrimers via homogeneous reduction process using lithium aluminium hydride: Bioconjugation with folic acid and doxorubicin release kinetics. <i>Applied Organometallic Chemistry</i> , <b>2017</b> , 31, e3789	3.1	32
75	Grafting poly (amidoamine) dendrimer-modified silica nanoparticles to graphene oxide for preparation of a composite and curing agent for epoxy resin. <i>Polymer</i> , <b>2017</b> , 126, 152-161	3.9	57
74	Effect of molecular weight and polymer concentration on the triple temperature/pH/ionic strength-sensitive behavior of poly(2-(dimethylamino)ethyl methacrylate). <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , <b>2017</b> , 66, 455-461	3	33
73	Nanohybrids of novolac phenolic resin and carbon nanotube-containing silica network. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2017</b> , 128, 1027-1037	4.1	23
72	Organic/inorganic nanohybrids of novolac phenolic resin and carbon nanotube: High carbon yields by using carbon nanotube aerogel and resin incorporation into aerogel network. <i>Microporous and Mesoporous Materials</i> , <b>2016</b> , 224, 58-67	5.3	37
71	Polystyrene-attached graphene nanolayers by reversible addition-fragmentation chain transfer polymerization: a grafting from epoxy groups with various densities. <i>Journal of Polymer Research</i> , <b>2016</b> , 23, 1	2.7	29
70	Incorporation of epoxy resin and carbon nanotube into silica/siloxane network for improving thermal properties. <i>Journal of Materials Science</i> , <b>2016</b> , 51, 9057-9073	4.3	33
69	A grafting from approach to graft polystyrene chains at the surface of graphene nanolayers by RAFT polymerization: Various graft densities from hydroxyl groups. <i>Applied Surface Science</i> , <b>2016</b> , 360, 373-382	6.7	65
68	Grafting of poly(acrylic acid) onto poly(amidoamine)-functionalized graphene oxide via surface-mediated reversible addition-fragmentation chain transfer polymerization. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , <b>2016</b> , 65, 302-309	3	48
67	Novolac phenolic resin and graphene aerogel organic-inorganic nanohybrids: High carbon yields by resin modification and its incorporation into aerogel network. <i>Polymer Degradation and Stability</i> , <b>2016</b> , 124, 1-14	4.7	58
66	Radical coupling of maleic anhydride onto graphite to fabricate oxidized graphene nanolayers. <i>Bulletin of Materials Science</i> , <b>2016</b> , 39, 229-234	1.7	9
65	Incorporation of epoxy resin and graphene nanolayers into silica xerogel network: an insight into thermal improvement of resin. <i>Journal of Sol-Gel Science and Technology</i> , <b>2016</b> , 80, 362-377	2.3	34
64	Surface-initiated ATRP of styrene from epoxy groups of graphene nanolayers: twofold polystyrene chains and various graft densities. <i>RSC Advances</i> , <b>2015</b> , 5, 53357-53368	3.7	46
63	Kinetic study of styrene atom transfer radical polymerization from hydroxyl groups of graphene nanoplatelets: Heterogeneities in chains and graft densities. <i>Polymer Engineering and Science</i> , <b>2015</b> , 55, 1720-1732	2.3	40
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59	Thermophysical behaviour of matrix-grafted graphene/poly(ethylene tetrasulphide) nanocomposites. <i>RSC Advances</i> , <b>2015</b> , 5, 100369-100377	3.7	33
58	Confinement effect of graphene nanoplatelets on atom transfer radical polymerization of styrene: grafting through hydroxyl groups. <i>Iranian Polymer Journal (English Edition)</i> , <b>2015</b> , 24, 51-62	2.3	38
57	Grafting poly (methyl methacrylate) from azo-functionalized graphene nanolayers via reverse atom transfer radical polymerization. <i>Colloid and Polymer Science</i> , <b>2015</b> , 293, 735-750	2.4	42
56	Nanofibers of poly (hydroxyethyl methacrylate)-grafted halloysite nanotubes and polycaprolactone by combination of RAFT polymerization and electrospinning. <i>Journal of Polymer Research</i> , <b>2015</b> , 22, 1	2.7	18
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54	In-plane functionalizing graphene nanolayers with polystyrene by atom transfer radical polymerization: Grafting from hydroxyl groups. <i>Polymer Composites</i> , <b>2014</b> , 35, 386-395	3	41
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50	Nanocrystalline cellulose grafted random copolymers of N-isopropylacrylamide and acrylic acid synthesized by RAFT polymerization: effect of different acrylic acid contents on LCST behavior. <i>RSC Advances</i> , <b>2014</b> , 4, 31428-31442	3.7	101
49	Edge-functionalized graphene nanoplatelets with polystyrene by atom transfer radical polymerization: grafting through carboxyl groups. <i>Polymer International</i> , <b>2014</b> , 63, 1912-1923	3.3	46
48	INTRODUCTION OF A DOUBLE BOND CONTAINING MODIFIER ON THE SURFACE OF MCM-41 NANOPARTICLES: APPLICATION FOR SR&NI ATRP OF STYRENE. <i>Nano</i> , <b>2014</b> , 09, 1450023	1.1	9
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46	Spherical mesoporous silica nanoparticles/tailor-made polystyrene nanocomposites by in situ reverse atom transfer radical polymerization. <i>Polymer Science - Series B</i> , <b>2014</b> , 56, 909-918	0.8	7
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43	Grafting through approach for synthesis of polystyrene/silica aerogel nanocomposites by in situ reversible addition-fragmentation chain transfer polymerization. <i>Journal of Sol-Gel Science and Technology</i> , <b>2013</b> , 66, 337-344	2.3	41

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25	Use of clay-anchored reactive modifier for the synthesis of poly (styrene-co-butyl acrylate)/clay nanocomposite via in situ AGET ATRP. <i>Journal of Polymer Research</i> , <b>2012</b> , 19, 1	2.7	39

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23	Encapsulation of organomodified montmorillonite with PMMA via in situ SR&NI ATRP in miniemulsion. <i>Journal of Polymer Research</i> , <b>2012</b> , 19, 1	2.7	32
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13	Preparation of nanoclay-dispersed polystyrene nanofibers via atom transfer radical polymerization and electrospinning. <i>Journal of Applied Polymer Science</i> , <b>2011</b> , 120, 1431-1438	2.9	38
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11	A comprehensive Monte Carlo simulation of styrene atom transfer radical polymerization. <i>Chinese Journal of Polymer Science (English Edition)</i> , <b>2010</b> , 28, 483-497	3.5	28
10	Synthesis and characterization of clay dispersed polystyrene nanocomposite via atom transfer radical polymerization. <i>Polymer Composites</i> , <b>2010</b> , 31, 1829-1837	3	46
9	Core-shell to Janus morphologies from co-assembly of polyaniline and hydrophobic polymers in aqueous media. <i>Polymer Bulletin</i> , 1	2.4	1
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6	Hybrid composites of epoxidized polyurethane and novolac resins cured by poly(amidoamine) dendrimer-grafted graphene oxide. <i>Polymer Bulletin</i> ,1	2.4	0
5	Polydimethylsiloxane-based Polyurethane/cellulose Nanocrystal Nanocomposites: From Structural Properties Toward Cytotoxicity. <i>Silicon</i> ,1	2.4	7
4	Preparation of silica-decorated graphite oxide and epoxy-modified phenolic resin composites. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> ,1-10	1.8	
3	Effect of reduced graphene oxide on mechanical behavior of an epoxy adhesive in glassy and rubbery states. <i>Journal of Composite Materials</i> ,002199832110316	2.7	1
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