

Mehdi Salami-Kalajahi

List of Publications by Year
in descending order

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210
papers

6,142
citations

57758
44
h-index

133252
59
g-index

211
all docs

211
docs citations

211
times ranked

3611
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoluminescent and Chromic Nanomaterials for Anticounterfeiting Technologies: Recent Advances and Future Challenges. ACS Nano, 2020, 14, 14417-14492.	14.6	314
2	The light-controlling of temperature-responsivity in stimuli-responsive polymers. Polymer Chemistry, 2019, 10, 5686-5720.	3.9	141
3	A structural study on ethylenediamine- and poly(amidoamine)-functionalized graphene oxide: simultaneous reduction, functionalization, and formation of 3D structure. RSC Advances, 2015, 5, 71835-71843.	3.6	111
4	In Situ Controlled Radical Polymerization: A Review on Synthesis of Well-defined Nanocomposites. Polymer Reviews, 2012, 52, 142-188.	10.9	106
5	Effects of combined organic and inorganic corrosion inhibitors on the nanostructure cerium based conversion coating performance on AZ31 magnesium alloy: Morphological and corrosion studies. Corrosion Science, 2017, 127, 186-200.	6.6	89
6	Multilayer fluorescent magnetic nanoparticles with dual thermoresponsive and pH-sensitive polymeric nanolayers as anti-cancer drug carriers. RSC Advances, 2015, 5, 29653-29662.	3.6	83
7	Light-, temperature-, and pH-responsive micellar assemblies of spiropyran-initiated amphiphilic block copolymers: Kinetics of photochromism, responsiveness, and smart drug delivery. Materials Science and Engineering C, 2020, 109, 110524.	7.3	77
8	Light- and temperature-responsive micellar carriers prepared by spiropyran-initiated atom transfer polymerization: Investigation of photochromism kinetics, responsivities, and controlled release of doxorubicin. Polymer, 2020, 187, 122046.	3.8	72
9	Poly(propylene imine) dendrimer-grafted nanocrystalline cellulose: Doxorubicin loading and release behavior. Polymer, 2017, 117, 287-294.	3.8	68
10	Synthesis of poly(2-hydroxyethyl methacrylate-co-acrylic acid)-grafted graphene oxide nanosheets via reversible addition-fragmentation chain transfer polymerization. RSC Advances, 2014, 4, 16743.	3.6	67
11	Functionalization of carbon nanotubes by combination of controlled radical polymerization and "grafting to" method. Advances in Colloid and Interface Science, 2020, 278, 102126.	14.7	67
12	Polystyrene-grafted graphene nanoplatelets with various graft densities by atom transfer radical polymerization from the edge carboxyl groups. RSC Advances, 2014, 4, 24439-24452.	3.6	66
13	Novolac phenolic resin and graphene aerogel organic-inorganic nanohybrids: High carbon yields by resin modification and its incorporation into aerogel network. Polymer Degradation and Stability, 2016, 124, 1-14.	5.8	66
14	Grafting of pH-sensitive poly (N,N-dimethylaminoethyl methacrylate-co-2-hydroxyethyl methacrylate) onto HNTS via surface-initiated atom transfer radical polymerization for controllable drug release. International Journal of Polymeric Materials and Polymeric Biomaterials, 2017, 66, 123-131.	3.4	65
15	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. Progress in Organic Coatings, 2018, 117, 154-165.	3.9	64
16	Synthesis of dual-sensitive nanocrystalline cellulose-grafted block copolymers of N-isopropylacrylamide and acrylic acid by reversible addition-fragmentation chain transfer polymerization. Cellulose, 2017, 24, 2241-2254.	4.9	62
17	Grafting light-, temperature, and CO ₂ -responsive copolymers from cellulose nanocrystals by atom transfer radical polymerization for adsorption of nitrate ions. Polymer, 2019, 182, 121830.	3.8	61
18	Synthesis of new molecularly imprinted polymer via reversible addition fragmentation transfer polymerization as a drug delivery system. Polymer, 2018, 143, 245-257.	3.8	60

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19	Hybrid and hollow Poly(N,N-dimethylaminoethyl methacrylate) nanogels as stimuli-responsive carriers for controlled release of doxorubicin. <i>Polymer</i> , 2019, 180, 121716.	3.8	58
20	A temperature-controlled method to produce Janus nanoparticles using high internal interface systems: Experimental and theoretical approaches. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 506, 56-62.	4.7	57
21	Temperature-Responsive Poly(N-Isopropylacrylamide) Nanogels: The Role of Hollow Cavities and Different Shell Cross-Linking Densities on Doxorubicin Loading and Release. <i>Langmuir</i> , 2020, 36, 2683-2694.	3.5	56
22	Polymer grafting on graphene layers by controlled radical polymerization. <i>Advances in Colloid and Interface Science</i> , 2019, 273, 102021.	14.7	54
23	Synthesis and characterization of poly(propylene imine)-dendrimer-grafted gold nanoparticles as nanocarriers of doxorubicin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 155, 257-265.	5.0	52
24	Synthesis of poly(2-hydroxyethyl methacrylate)-grafted poly(aminoamide) dendrimers as polymeric nanostructures. <i>Colloid and Polymer Science</i> , 2015, 293, 1553-1559.	2.1	51
25	Synthesis and characterization of thermally expandable PMMA-based microcapsules with different cross-linking density. <i>Colloid and Polymer Science</i> , 2016, 294, 1055-1064.	2.1	51
26	N,N'-methylenebis(acrylamide)-crosslinked poly(acrylic acid) particles as doxorubicin carriers: A comparison between release behavior of physically loaded drug and conjugated drug via acid-labile hydrazone linkage. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 342-348.	4.0	51
27	In situ atom transfer radical polymerization of styrene to in-plane functionalize graphene nanolayers: grafting through hydroxyl groups. <i>Journal of Polymer Research</i> , 2014, 21, 1.	2.4	50
28	Dual thermo- and pH-sensitive poly(2-hydroxyethyl methacrylate-co-acrylic acid)-grafted graphene oxide. <i>Colloid and Polymer Science</i> , 2014, 292, 2599-2610.	2.1	50
29	Synthesis of Dual Thermosensitive and pH-Sensitive Hollow Nanospheres Based on Poly(acrylic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Radical Process. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 8079-8086.	3.7	50
30	Edge-functionalized graphene nanoplatelets with polystyrene by atom transfer radical polymerization: grafting through carboxyl groups. <i>Polymer International</i> , 2014, 63, 1912-1923.	3.1	50
31	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> , 2016, 224, 58-67.	4.4	50
32	Preparation of tailor-made polystyrene nanocomposite with mixed clay-anchored and free chains via atom transfer radical polymerization. <i>AIChE Journal</i> , 2011, 57, 1873-1881.	3.6	49
33	Matrix-grafted multiwalled carbon nanotubes/poly(methyl methacrylate) nanocomposites synthesized by in situ RAFT polymerization: A kinetic study. <i>International Journal of Chemical Kinetics</i> , 2012, 44, 555-569.	1.6	49
34	Synthesis of dual thermoresponsive and pH-sensitive hollow nanospheres by atom transfer radical polymerization. <i>Journal of Polymer Research</i> , 2014, 21, 1.	2.4	49
35	Synthesis of dual temperature and pH-responsive yolk-shell nanoparticles by conventional etching and new deswelling approaches: DOX release behavior. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 165, 1-8.	5.0	49
36	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> , 2016, 65, 302-309.	3.4	48

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37	Properties of PMMA/Carbon nanotubes nanocomposites prepared by "grafting through" method. Polymer Composites, 2012, 33, 215-224.	4.6	47
38	Synthesis of coumarin-containing multi-responsive CNC-grafted and free copolymers with application in nitrate ion removal from aqueous solutions. Carbohydrate Polymers, 2019, 225, 115247.	10.2	47
39	Synthesis and characterization of clay dispersed polystyrene nanocomposite via atom transfer radical polymerization. Polymer Composites, 2010, 31, 1829-1837.	4.6	46
40	Investigation of different core-shell toward Janus morphologies by variation of surfactant and feeding composition: A study on the kinetics of DOX release. Colloids and Surfaces B: Biointerfaces, 2018, 170, 578-587.	5.0	46
41	A study on the properties of PMMA/silica nanocomposites prepared via RAFT polymerization. Journal of Polymer Research, 2012, 19, 1.	2.4	45
42	Corrosion behavior of aluminum/silica/polystyrene nanostructured hybrid flakes. Iranian Polymer Journal (English Edition), 2014, 23, 699-706.	2.4	45
43	A "Grafting to" Approach to Synthesize Low Cytotoxic Poly(aminoamide)-Dendrimer-grafted Fe ₃ O ₄ Magnetic Nanoparticles. Advances in Polymer Technology, 2018, 37, 943-948.	1.7	45
44	Effect of surface chemistry and content of nanocrystalline cellulose on removal of methylene blue from wastewater by poly(acrylic acid)/nanocrystalline cellulose nanocomposite hydrogels. Cellulose, 2019, 26, 5603-5619.	4.9	45
45	In Situ Reversible Addition- Fragmentation Chain Transfer Polymerization of Styrene in the Presence of MCM-41 Nanoparticles: Comparing "Grafting from" and "Grafting through" Approaches. Advances in Polymer Technology, 2013, 32, .	1.7	44
46	"Grafting through" approach for synthesis of polystyrene/silica aerogel nanocomposites by in situ reversible addition-fragmentation chain transfer polymerization. Journal of Sol-Gel Science and Technology, 2013, 66, 337-344.	2.4	43
47	Molecular Recognition Ability of Molecularly Imprinted Polymer Nano- and Micro-Particles by Reversible Addition-Fragmentation Chain Transfer Polymerization. Polymer Reviews, 2016, 56, 557-583.	10.9	43
48	Synthesis and investigation of dual pH- and temperature-responsive behaviour of poly[2-(dimethylamino)ethyl methacrylate]-grafted gold nanoparticles. Applied Organometallic Chemistry, 2017, 31, e3702.	3.5	43
49	Encryption and optical authentication of confidential cellulosic papers by ecofriendly multi-color photoluminescent inks. Carbohydrate Polymers, 2020, 245, 116507.	10.2	43
50	Morphology control of conducting polypyrrole nanostructures via operational conditions in the emulsion polymerization. Journal of Applied Polymer Science, 2017, 134, .	2.6	42
51	Effect of molecular weight and polymer concentration on the triple temperature/pH/ionic strength-sensitive behavior of poly(2-(dimethylamino)ethyl methacrylate). International Journal of Polymeric Materials and Polymeric Biomaterials, 2017, 66, 455-461.	3.4	42
52	Synthesis of silica Janus nanoparticles by buoyancy effect-induced desymmetrization process and their placement at the PS/PMMA interface. Colloid and Polymer Science, 2017, 295, 25-36.	2.1	41
53	A review on synthesis, photophysical properties, and applications of dendrimers with perylene core. European Polymer Journal, 2020, 137, 109933.	5.4	41
54	Preparation of nanoclay-dispersed polystyrene nanofibers via atom transfer radical polymerization and electrospinning. Journal of Applied Polymer Science, 2011, 120, 1431-1438.	2.6	40

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55	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> , 2015, 55, 1720-1732.	3.1	40
56	Functionalization of carbon nanotubes by furfuryl alcohol moieties for preparation of novolac phenolic resin composites with high carbon yield values. <i>Colloid and Polymer Science</i> , 2015, 293, 3623-3631.	2.1	40
57	Confinement effect of graphene nanoplatelets on atom transfer radical polymerization of styrene: grafting through hydroxyl groups. <i>Iranian Polymer Journal (English Edition)</i> , 2015, 24, 51-62.	2.4	40
58	Encryption and authentication of security patterns by ecofriendly multi-color photoluminescent inks containing oxazolidine-functionalized nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2020, 580, 192-210.	9.4	40
59	Investigating the effect of pristine and modified silica nanoparticles on the kinetics of methyl methacrylate polymerization. <i>Chemical Engineering Journal</i> , 2011, 174, 368-375.	12.7	39
60	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> , 2012, 19, 1.	2.4	39
61	Evaluation of the confinement effect of nanoclay on the kinetics of styrene atom transfer radical polymerization. <i>Journal of Applied Polymer Science</i> , 2012, 123, 409-417.	2.6	39
62	Synthesis of clay-dispersed poly(styrene-co-methyl methacrylate) nanocomposite via miniemulsion atom transfer radical polymerization: A reverse approach. <i>Journal of Applied Polymer Science</i> , 2012, 124, 2278-2286.	2.6	39
63	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> , 2017, 31, e3789.	3.5	39
64	Grafting of silica nanoparticles at the surface of graphene for application in novolac-type phenolic resin hybrid composites. <i>Materials Chemistry and Physics</i> , 2018, 216, 468-475.	4.0	39
65	Effect of MCM-41 nanoparticles on the kinetics of free radical and RAFT polymerization of styrene. <i>Iranian Polymer Journal (English Edition)</i> , 2013, 22, 155-163.	2.4	38
66	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> , 2016, 80, 362-377.	2.4	38
67	Investigation of corrosion behavior of aluminum flakes coated by polymeric nanolayer: Effect of polymer type. <i>Corrosion Science</i> , 2014, 87, 392-396.	6.6	37
68	Simultaneous two drugs release from Janus particles prepared via polymerization-induced phase separation approach. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 170, 85-91.	5.0	37
69	Encapsulation of organomodified montmorillonite with PMMA via in situ SR&NI ATRP in miniemulsion. <i>Journal of Polymer Research</i> , 2012, 19, 1.	2.4	36
70	Incorporation of epoxy resin and carbon nanotube into silica/siloxane network for improving thermal properties. <i>Journal of Materials Science</i> , 2016, 51, 9057-9073.	3.7	36
71	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> , 2019, 178, 500-507.	5.0	36
72	Thermophysical behaviour of matrix-grafted graphene/poly(ethylene tetrasulphide) nanocomposites. <i>RSC Advances</i> , 2015, 5, 100369-100377.	3.6	35

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73	Fabricating cauliflower-like and dumbbell-like Janus particles: Loading and simultaneous release of DOX and ibuprofen. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 173, 155-163.	5.0	35
74	A review on synthesis and applications of dendrimers. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 503-517.	2.2	35
75	Synthesis and characterization of poly(styrene- <i>co</i> -butyl acrylate)/clay nanocomposite latexes in miniemulsion by AGET ATRP. <i>Polymer Composites</i> , 2011, 32, 967-975.	4.6	34
76	Properties of matrix-grafted multi-walled carbon nanotube/poly(methyl methacrylate) nanocomposites synthesized by in situ reversible addition-fragmentation chain transfer polymerization. <i>Journal of the Iranian Chemical Society</i> , 2012, 9, 877-887.	2.2	34
77	Effect of different modified nanoclays on the kinetics of preparation and properties of polymer-based nanocomposites. <i>Journal of Polymer Research</i> , 2012, 19, 1.	2.4	34
78	Synthesis and characterization of exfoliated poly(styrene- <i>co</i> -methyl methacrylate) nanocomposite via miniemulsion atom transfer radical polymerization: an activators generated by electron transfer approach. <i>Polymer Composites</i> , 2011, 32, 1979-1987.	4.6	33
79	Perylene-3,4,9,10-tetracarboxylic diimide and its derivatives: Synthesis, properties and bioapplications. <i>Dyes and Pigments</i> , 2020, 180, 108488.	3.7	32
80	A comprehensive Monte Carlo simulation of styrene atom transfer radical polymerization. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2010, 28, 483-497.	3.8	31
81	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> , 2020, 319, 114138.	4.9	31
82	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> , 2018, 166, 144-151.	5.0	30
83	Effect of surface modification with various thiol compounds on colloidal stability of gold nanoparticles. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4079.	3.5	29
84	Investigating Janus morphology development of poly(acrylic acid)/poly(2-(dimethylamino)ethyl Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Microchemical Journal, 2019, 145, 492-500.	4.5	29
85	Photoswitchable surface wettability of ultrahydrophobic nanofibrous coatings composed of spiropyran-acrylic copolymers. <i>Journal of Colloid and Interface Science</i> , 2021, 593, 67-78.	9.4	29
86	Nanoclay-encapsulated polystyrene microspheres by reverse atom transfer radical polymerization. <i>Polymer Composites</i> , 2012, 33, 990-998.	4.6	28
87	Evaluation of <i>in vitro</i> cytotoxicity and properties of polydimethylsiloxane-based polyurethane/crystalline nanocellulose bionanocomposites. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 1771-1778.	4.0	28
88	Preparation of carbon nanotube and polyurethane-imide hybrid composites by sol-gel reaction. <i>Polymer Composites</i> , 2019, 40, E1903-E1909.	4.6	28
89	Study of kinetics and properties of polystyrene/silica nanocomposites prepared via in situ free radical and reversible addition-fragmentation chain transfer polymerizations. <i>Scientia Iranica</i> , 2012, 19, 2004-2011.	0.4	27
90	Nanohybrids of novolac phenolic resin and carbon nanotube-containing silica network. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 128, 1027-1037.	3.6	27

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91	Stimuli-responsive DOX release behavior of cross-linked poly(acrylic acid) nanoparticles. E-Polymers, 2019, 19, 203-214.	3.0	27
92	Dual-mode security anticounterfeiting and encoding by electrospinning of highly photoluminescent spiropyran nanofibers. Journal of Materials Chemistry C, 2021, 9, 9571-9583.	5.5	27
93	Nanoconfinement effect of graphene on thermophysical properties and crystallinity of matrix-grafted graphene/crosslinked polysulfide polymer nanocomposites. Diamond and Related Materials, 2018, 83, 177-183.	3.9	26
94	Morphology evolution of functionalized styrene and methyl methacrylate copolymer latex nanoparticles by one-step emulsifier-free emulsion polymerization. European Polymer Journal, 2020, 133, 109790.	5.4	26
95	Amine-modified graphene oxide as co-curing agent of epoxidized polysulfide prepolymer: Thermophysical and mechanical properties of nanocomposites. Diamond and Related Materials, 2018, 86, 109-116.	3.9	25
96	Fabrication of microphase-separated polyurethane/cellulose nanocrystal nanocomposites with irregular mechanical and shape memory properties. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	25
97	Polysulfide Polymers: Synthesis, Blending, Nanocomposites, and Applications. Polymer Reviews, 2019, 59, 124-148.	10.9	25
98	Poly(propylene imine) dendrimer as reducing agent for chloroauric acid to fabricate and stabilize gold nanoparticles. Journal of Physics and Chemistry of Solids, 2021, 148, 109682.	4.0	25
99	UV-stabilized self-assembled amphiphilic triblock terpolymers supramolecular structures with low cytotoxicity as doxorubicin carriers. Materials Science and Engineering C, 2020, 110, 110745.	7.3	24
100	Modification of cellulose nanocrystal with dual temperature- and CO ₂ -responsive block copolymers for ion adsorption applications. Journal of Molecular Liquids, 2020, 310, 113234.	4.9	24
101	Synthesis of pH-responsive magnetic yolk-shell nanoparticles: A comparison between conventional etching and new deswelling approaches. Applied Organometallic Chemistry, 2018, 32, e4272.	3.5	23
102	Adsorption kinetics of methyl orange from water by pH-sensitive poly(2-(dimethylamino)ethyl) Tj ETQqO O O rgBT /Overlock 10 Tf 50 307 2020, 27, 28091-28103.	5.3	23
103	Synthesis of amphiphilic Janus dendrimer and its application in improvement of hydrophobic drugs solubility in aqueous media. European Polymer Journal, 2020, 134, 109804.	5.4	23
104	Polymer-functionalization of carbon nanotube by in situ conventional and controlled radical polymerizations. Advances in Colloid and Interface Science, 2021, 294, 102471.	14.7	23
105	A kinetics study on the <i>in situ</i> reversible addition-fragmentation chain transfer and free radical polymerization of styrene in presence of silica aerogel nanoporous particles. Designed Monomers and Polymers, 2014, 17, 245-254.	1.6	22
106	Temperature-induced self-assembly of amphiphilic triblock terpolymers to low cytotoxic spherical and cubic structures as curcumin carriers. Journal of Molecular Liquids, 2020, 313, 113504.	4.9	22
107	Investigation of thermophysical and adhesion/mechanical properties of amine-cured epoxidized polysulfide polymer/epoxidized graphene nanocomposites. Progress in Organic Coatings, 2019, 131, 211-218.	3.9	21
108	Synthesis of magnetic nanoparticles-decorated halloysite nanotubes/poly([2-(acryloyloxy)ethyl]trimethylammonium chloride) hybrid nanoparticles for removal of Sunset Yellow from water. Journal of Polymer Research, 2020, 27, 1.	2.4	21

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109	Mechanical behavior of 3D GFRP composite with pure and treated shear thickening fluid matrix subject to quasi-static puncture and shear impact loading. <i>Journal of Composite Materials</i> , 2020, 54, 3933-3948.	2.4	21
110	Synthesis of ethylene dichloride-based polysulfide polymers: investigation of polymerization yield and effect of sulfur content on solubility and flexibility. <i>Journal of Sulfur Chemistry</i> , 2021, 42, 67-82.	2.0	21
111	Effect of Loading and Surface Modification of Nanoparticles on the Properties of PMMA/Silica Nanocomposites Prepared via In-Situ Free Radical Polymerization. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2013, 62, 336-344.	3.4	20
112	Stimuli-responsive behavior of smart copolymers-grafted magnetic nanoparticles: Effect of sequence of copolymer blocks. <i>Inorganica Chimica Acta</i> , 2018, 476, 83-92.	2.4	20
113	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> , 2020, 135, 109877.	5.4	20
114	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> , 2021, 417, 128005.	12.7	20
115	Defining the characteristics of spherical Janus particles by investigating the behavior of their corresponding particles at the oil/water interface in a Pickering emulsion. <i>Journal of Dispersion Science and Technology</i> , 2017, 38, 985-991.	2.4	19
116	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> , 2020, 205, 122859.	3.8	19
117	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> , 2020, 318, 114301.	4.9	19
118	Poly(poly[ethylene glycol] methyl ether methacrylate)/graphene oxide nanocomposite gel polymer electrolytes prepared by controlled and conventional radical polymerizations for lithium ion batteries. <i>International Journal of Energy Research</i> , 2022, 46, 9114-9127.	4.5	19
119	Application of Monte Carlo simulation method to polymerization kinetics over Ziegler-Natta catalysts. <i>International Journal of Chemical Kinetics</i> , 2009, 41, 45-56.	1.6	18
120	Effect of silica nanoparticle loading and surface modification on the kinetics of RAFT polymerization. <i>Journal of Polymer Engineering</i> , 2012, 32, .	1.4	18
121	EFFECT OF CARBON NANOTUBES ON THE KINETICS OF <i>IN SITU</i> POLYMERIZATION OF METHYL METHACRYLATE. <i>Nano</i> , 2012, 07, 1250003.	1.0	18
122	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> , 2018, 132, 513-524.	3.6	18
123	Preparation of photolabile nanoparticles by coumarin-based crosslinker for drug delivery under light irradiation. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 154, 110102.	4.0	18
124	Kinetic investigation of the reversible addition-fragmentation chain transfer polymerization of 1,3-butadiene. <i>Journal of Polymer Research</i> , 2013, 20, 1.	2.4	17
125	Halogenated sunflower oil as a precursor for synthesis of polysulfide polymer. <i>E-Polymers</i> , 2016, 16, 33-39.	3.0	17
126	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> , 2017, 38, E515.	4.6	17

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127	Preparation of Furfuryl Alcohol-Functionalized Carbon Nanotube and Epoxidized Novolac Resin Composites with High Char Yield. <i>Polymer Composites</i> , 2018, 39, E1231.	4.6	17
128	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> , 2018, 39, E2316.	4.6	17
129	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> , 2018, 123, 183-190.	4.0	17
130	Study on crystalline structure of poly(vinylidene fluoride)/polyethylene/graphene blend nanocomposites. <i>Polymer Composites</i> , 2019, 40, 4402-4415.	4.6	17
131	Incorporation of silica nanoparticles and polyurethane into hybrid composites for increase of char residue. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 135, 3311-3319.	3.6	17
132	Fluorescent cellulosic composites based on carbon dots: Recent advances, developments, and applications. <i>Carbohydrate Polymers</i> , 2022, 294, 119768.	10.2	17
133	A simulation of kinetics and chain length distribution of styrene FRP and ATRP: Chain-length-dependent termination. <i>Advances in Polymer Technology</i> , 2011, 30, 257-268.	1.7	16
134	Synthesis of well-defined clay encapsulated poly(styrene-co-butyl acrylate) nanocomposite latexes via reverse atom transfer radical polymerization in miniemulsion. <i>Journal of Polymer Engineering</i> , 2012, 32, .	1.4	16
135	Effect of Nanoclay on Styrene and Butyl Acrylate AGET ATRP in Miniemulsion: Study of Nucleation Type, Kinetics, and Polymerization Control. <i>International Journal of Chemical Kinetics</i> , 2013, 45, 221-235.	1.6	16
136	Preparation of epoxidized novolac resin nanocomposites: Physical and chemical incorporation of modified graphene oxide layers for improvement of thermal stability. <i>Polymer Testing</i> , 2018, 68, 467-474.	4.8	16
137	Chemical incorporation of epoxy-modified graphene oxide into epoxy/novolac matrix for the improvement of thermal characteristics. <i>Carbon Letters</i> , 2020, 30, 13-22.	5.9	16
138	A comparative study on solubility improvement of tetracycline and dexamethasone by poly(propylene) Tj ETQq0 0 0 rgBT /Overlock 10 T Biomedical Materials Research - Part A, 2020, 108, 485-495.	4.0	16
139	Neutral pH monosaccharide receptor based on boronic acid decorated poly(2-hydroxyethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T Microchemical Journal, 2020, 157, 105112.	4.5	16
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