

# Vahid Haddadi-asl

## List of Publications by Citations

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119  
papers

3,029  
citations

36  
h-index

47  
g-index

122  
ext. papers

3,315  
ext. citations

3.3  
avg, IF

5.71  
L-index

#	Paper	IF	Citations
119	Nanofiber-based polyelectrolytes as novel membranes for fuel cell applications. <i>Journal of Membrane Science</i> , <b>2011</b> , 368, 233-240	9.6	115
118	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
117	Synthesis of pH-sensitive poly (N,N-dimethylaminoethyl methacrylate)-grafted halloysite nanotubes for adsorption and controlled release of DPH and DS drugs. <i>Polymer</i> , <b>2015</b> , 65, 143-153	3.9	91
116	In Situ Controlled Radical Polymerization: A Review on Synthesis of Well-defined Nanocomposites. <i>Polymer Reviews</i> , <b>2012</b> , 52, 142-188	14	87
115	Improved infiltration of stem cells on electrospun nanofibers. <i>Biochemical and Biophysical Research Communications</i> , <b>2009</b> , 382, 129-33	3.4	82
114	In vitro differentiation of human cord blood-derived unrestricted somatic stem cells into hepatocyte-like cells on poly(epsilon-caprolactone) nanofiber scaffolds. <i>Cells Tissues Organs</i> , <b>2009</b> , 190, 135-49	2.1	71
113	Polystyrene-grafted graphene nanoplatelets with various graft densities by atom transfer radical polymerization from the edge carboxyl groups. <i>RSC Advances</i> , <b>2014</b> , 4, 24439-24452	3.7	63
112	Nanofibrous poly(epsilon-caprolactone)/poly(vinyl alcohol)/chitosan hybrid scaffolds for bone tissue engineering using mesenchymal stem cells. <i>International Journal of Artificial Organs</i> , <b>2007</b> , 30, 204-11	1.9	61
111	Accelerated epidermal regeneration and improved dermal reconstruction achieved by polyethersulfone nanofibers. <i>Tissue Engineering - Part A</i> , <b>2010</b> , 16, 3527-36	3.9	60
110	Reverse atom transfer radical polymerization of methyl methacrylate in the presence of Azo-functionalized carbon nanotubes: a grafting from approach. <i>Colloid and Polymer Science</i> , <b>2014</b> , 292, 2971-2981	2.4	56
109	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. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , <b>2017</b> , 66, 123-131	3	55
108	Conductive carbon-polypropylene composite electrodes for vanadium redox battery. <i>Journal of Applied Electrochemistry</i> , <b>1995</b> , 25, 29	2.6	50
107	In situ atom transfer radical polymerization of styrene to in-plane functionalize graphene nanolayers: grafting through hydroxyl groups. <i>Journal of Polymer Research</i> , <b>2014</b> , 21, 1	2.7	49
106	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> , <b>2012</b> , 44, 555-569	1.4	48
105	Preparation of tailor-made polystyrene nanocomposite with mixed clay-anchored and free chains via atom transfer radical polymerization. <i>AIChE Journal</i> , <b>2011</b> , 57, 1873-1881	3.6	48
104	Nitrogen and phosphorous doped graphene quantum dots: Excellent flame retardants and smoke suppressants for polyacrylonitrile nanocomposites. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 381, 121013	12.8	47
103	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

102	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
101	Properties of PMMA/Carbon nanotubes nanocomposites prepared by grafting through method. <i>Polymer Composites</i> , <b>2012</b> , 33, 215-224	3	45
100	Carbon polymer composite electrodes for redox cells. <i>Journal of Applied Polymer Science</i> , <b>1995</b> , 57, 1455-1463	4	45
99	Cellular infiltration on nanofibrous scaffolds using a modified electrospinning technique. <i>Biochemical and Biophysical Research Communications</i> , <b>2012</b> , 423, 50-4	3.4	44
98	A study on the properties of PMMA/silica nanocomposites prepared via RAFT polymerization. <i>Journal of Polymer Research</i> , <b>2012</b> , 19, 1	2.7	44
97	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
96	Enhanced infiltration and biomineralization of stem cells on collagen-grafted three-dimensional nanofibers. <i>Tissue Engineering - Part A</i> , <b>2011</b> , 17, 1209-18	3.9	42
95	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
94	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
93	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
92	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> , <b>2018</b> , 106, 342-348	5.4	40
91	Evaluation of the confinement effect of nanoclay on the kinetics of styrene atom transfer radical polymerization. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 123, 409-417	2.9	39
90	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
89	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
88	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
87	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> , <b>2018</b> , 165, 1-8	6	37
86	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> , <b>2012</b> , 124, 2278-2286	2.9	37
85	Furfuryl alcohol functionalized graphene nanosheets for synthesis of high carbon yield novolak composites. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 131, n/a-n/a	2.9	37

84	Investigating the effect of pristine and modified silica nanoparticles on the kinetics of methyl methacrylate polymerization. <i>Chemical Engineering Journal</i> , <b>2011</b> , 174, 368-375	14.7	37
83	Fabrication and characterization of hydrophilic poly( $\epsilon$ -caprolactone)/pluronic P123 electrospun fibers. <i>Journal of Applied Polymer Science</i> , <b>2016</b> , 133, n/a-n/a	2.9	36
82	Effect of different modified nanoclays on the kinetics of preparation and properties of polymer-based nanocomposites. <i>Journal of Polymer Research</i> , <b>2012</b> , 19, 1	2.7	34
81	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
80	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> , <b>2012</b> , 9, 877-887	2	32
79	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
78	Synthesis and characterization of poly(styrene-co-butyl acrylate)/clay nanocomposite latexes in miniemulsion by AGET ATRP. <i>Polymer Composites</i> , <b>2011</b> , 32, 967-975	3	32
77	Synthesis and characterization of exfoliated poly(styrene-co-methyl methacrylate) nanocomposite via miniemulsion atom transfer radical polymerization: an activators generated by electron transfer approach. <i>Polymer Composites</i> , <b>2011</b> , 32, 1979-1987	3	31
76	Comprehensive Study of Free Radical Copolymerization Using a Monte Carlo Simulation Method, 1. <i>Macromolecular Theory and Simulations</i> , <b>2005</b> , 14, 325-336	1.5	29
75	In situ atom transfer radical polymerization of styrene in the presence of nanoporous silica aerogel: Kinetic study and investigation of thermal properties. <i>Journal of Polymer Research</i> , <b>2013</b> , 20, 1	2.7	28
74	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
73	Carboxylic acid functionalization of halloysite nanotubes for sustained release of diphenhydramine hydrochloride. <i>Journal of Nanoparticle Research</i> , <b>2015</b> , 17, 1	2.3	27
72	Ion-exchange polymer nanofibers for enhanced osteogenic differentiation of stem cells and ectopic bone formation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 72-82	9.5	25
71	Nanoclay-encapsulated polystyrene microspheres by reverse atom transfer radical polymerization. <i>Polymer Composites</i> , <b>2012</b> , 33, 990-998	3	25
70	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> , <b>2012</b> , 19, 2004-2011	1.5	24
69	Synthesis of hybrid free and nanoporous silica aerogel-anchored polystyrene chains via in situ atom transfer radical polymerization. <i>Polymer Composites</i> , <b>2013</b> , 34, 1648-1654	3	23
68	Effect of nanofiller content and confined crystallization on the microphase separation kinetics of polyurethane nanocomposites. <i>Polymer Composites</i> , <b>2019</b> , 40, E422	3	23
67	A kinetics study on the in situ reversible addition-fragmentation chain transfer and free radical polymerization of styrene in presence of silica aerogel nanoporous particles. <i>Designed Monomers and Polymers</i> , <b>2014</b> , 17, 245-254	3.1	22

66	Radiation graft modification of ethylene-propylene rubber. Effect of additives. <i>Radiation Physics and Chemistry</i> , <b>1995</b> , 45, 191-198	2.5	22
65	Bioadhesion and biocompatibility evaluations of gelatin and polyacrylic acid as a crosslinked hydrogel in vitro. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2004</b> , 15, 1019-31	3.5	21
64	Fabrication and characterization of polymer/ceramic nanocomposites containing pluronic F127 immobilized on hydroxyapatite nanoparticles. <i>RSC Advances</i> , <b>2016</b> , 6, 80564-80575	3.7	20
63	An innovative and eco-friendly modality for synthesis of highly fluorinated graphene by an acidic ionic liquid: Making of an efficacious vehicle for anti-cancer drug delivery. <i>Applied Surface Science</i> , <b>2020</b> , 515, 146071	6.7	19
62	Development and characterization of electrosprayed nanoparticles for encapsulation of Curcumin. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2018</b> , 106, 285-292	5.4	19
61	Shear bond strength, adhesive remnant index, and anti-biofilm effects of a photoexcited modified orthodontic adhesive containing curcumin doped poly lactic-co-glycolic acid nanoparticles: An ex-vivo biofilm model of <i>S. mutans</i> on the enamel slab bonded brackets. <i>Photodiagnosis and Photodynamic Therapy</i> , <b>2020</b> , 33, 101671	3.5	18
60	Synthesis of pH-responsive magnetic yolk-shell nanoparticles: A comparison between conventional etching and new deswelling approaches. <i>Applied Organometallic Chemistry</i> , <b>2018</b> , 32, e4272	3.1	18
59	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
58	EFFECT OF CARBON NANOTUBES ON THE KINETICS OF IN SITU POLYMERIZATION OF METHYL METHACRYLATE. <i>Nano</i> , <b>2012</b> , 07, 1250003	1.1	18
57	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> , <b>2013</b> , 62, 336-344	3	18
56	Effect of silica nanoparticle loading and surface modification on the kinetics of RAFT polymerization. <i>Journal of Polymer Engineering</i> , <b>2012</b> , 32,	1.4	18
55	Stimuli-responsive DOX release behavior of cross-linked poly(acrylic acid) nanoparticles. <i>E-Polymers</i> , <b>2019</b> , 19, 203-214	2.7	17
54	Kinetic investigation of the reversible addition-fragmentation chain transfer polymerization of 1,3-butadiene. <i>Journal of Polymer Research</i> , <b>2013</b> , 20, 1	2.7	17
53	Formulation of micro-phase separation kinetics of polyurethane nanocomposites. <i>Polymers for Advanced Technologies</i> , <b>2018</b> , 29, 2909-2916	3.2	15
52	Application of Monte Carlo simulation method to polymerization kinetics over Ziegler-Natta catalysts. <i>International Journal of Chemical Kinetics</i> , <b>2009</b> , 41, 45-56	1.4	15
51	Application of the Monte Carlo simulation method to the investigation of peculiar free-radical copolymerization reactions: Systems with both reactivity ratios greater than unity ( $r_A > 1$ and $r_B > 1$ ). <i>Journal of Applied Polymer Science</i> , <b>2007</b> , 106, 4138-4147	2.9	15
50	Radiation graft modification of ethylene-propylene rubber. Effect of monomer and substrate structure. <i>Radiation Physics and Chemistry</i> , <b>1994</b> , 44, 385-393	2.5	15
49	A novel investigation on micro-phase separation of thermoplastic polyurethanes: simulation, theoretical, and experimental approaches. <i>Iranian Polymer Journal (English Edition)</i> , <b>2019</b> , 28, 237-250	2.3	15

48	Fabrication and characterization of polymer-ceramic nanocomposites containing drug loaded modified halloysite nanotubes. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2018</b> , 106, 1276-1287	5.4	14
47	A simulation of kinetics and chain length distribution of styrene FRP and ATRP: Chain-length-dependent termination. <i>Advances in Polymer Technology</i> , <b>2011</b> , 30, 257-268	1.9	14
46	Preparation and evaluation of electrocatalytic oxide coatings on conductive carbon-polymer composite substrates for use as dimensionally stable anodes. <i>Journal of Applied Electrochemistry</i> , <b>1996</b> , 26, 1117	2.6	14
45	Sericin grafted multifunctional curcumin loaded fluorinated graphene oxide nanomedicines with charge switching properties for effective cancer cell targeting. <i>International Journal of Pharmaceutics</i> , <b>2019</b> , 572, 118791	6.5	13
44	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> , <b>2013</b> , 45, 221-235	1.4	13
43	Radiation graft modification of ethylene-propylene rubber. Effect on water uptake, wettability and biocompatibility. <i>Radiation Physics and Chemistry</i> , <b>1996</b> , 47, 907-912	2.5	13
42	Step-by-step design of poly ( $\epsilon$ -caprolactone) /chitosan/Melilotus officinalis extract electrospun nanofibers for wound dressing applications. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 180, 36-50	7.9	13
41	Well-defined nanofibrous polystyrene nanocomposites with twofold chains by ATRP. <i>Polymer Science - Series B</i> , <b>2012</b> , 54, 153-160	0.8	12
40	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> , <b>2012</b> , 32,	1.4	12
39	Robust antimicrobial photodynamic therapy with curcumin-poly (lactic-co-glycolic acid) nanoparticles against COVID-19: A preliminary in vitro study in Vero cell line as a model. <i>Photodiagnosis and Photodynamic Therapy</i> , <b>2021</b> , 34, 102286	3.5	12
38	Polystyrene-organoclay nanocomposites produced by in situ activators regenerated by electron transfer for atom transfer radical polymerization. <i>Journal of Polymer Engineering</i> , <b>2012</b> , 32, 235-243	1.4	11
37	Halloysite-reinforced thermoplastic polyurethane nanocomposites: Physico-mechanical, rheological, and thermal investigations. <i>Polymer Composites</i> , <b>2020</b> , 41, 3260-3270	3	10
36	An exhaustive study of chain-length-dependent and diffusion-controlled free radical and atom-transfer radical polymerization of styrene. <i>Journal of Polymer Research</i> , <b>2011</b> , 18, 1539-1555	2.7	10
35	Synthesis of magnetic nanoparticles-decorated halloysite nanotubes/poly([2-(acryloyloxy)ethyl]trimethylammonium chloride) hybrid nanoparticles for removal of Sunset Yellow from water. <i>Journal of Polymer Research</i> , <b>2020</b> , 27, 1	2.7	10
34	A simple and versatile method to tailor physicochemical properties of thermoplastic polyurethane elastomers by using novel mixed soft segments. <i>Materials Research Express</i> , <b>2019</b> , 6, 065314	1.7	9
33	Switch segment and halloysite nanotube role in the phase separation behavior of shape-memory thermoplastic polyurethane. <i>Polymer Composites</i> , <b>2020</b> , 41, 2625-2633	3	9
32	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
31	Magnetic halloysite-based molecularly imprinted polymer for specific recognition of sunset yellow in dyes mixture. <i>Polymers for Advanced Technologies</i> , <b>2021</b> , 32, 803-814	3.2	9



30	Synthesis of novel functionalized graphene oxide with incorporation pyrimidine group including cobalt-iodine bonds their nanocomposites with p-type conductive polymer as excellent pseudocapacitor electrode materials. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2019</b> , 30, 18439-18451	2.1	8
29	Micro-phase separation kinetics of polyurethane nanocomposites with neural network. <i>Polymer Composites</i> , <b>2019</b> , 40, 3904-3913	3	8
28	Facile fabrication of novel polycaprolactone-based electrospun fibers using in-process water exposure. <i>International Journal of Polymer Analysis and Characterization</i> , <b>2016</b> , 21, 636-646	1.7	8
27	INVESTIGATING THE EFFECT OF MCM-41 NANOPARTICLES ON THE KINETICS OF ATOM TRANSFER RADICAL POLYMERIZATION OF STYRENE. <i>Nano</i> , <b>2013</b> , 08, 1350018	1.1	8
26	How the soft segment arrangement influences the microphase separation kinetics and mechanical properties of polyurethane block polymers. <i>Materials Research Express</i> , <b>2019</b> , 6, 085311	1.7	7
25	Simulation of styrene free radical polymerization over bi-functional initiators using Monte Carlo simulation method and comparison with mono-functional initiators. <i>Polymer Science - Series B</i> , <b>2010</b> , 52, 184-192	0.8	7
24	Effect of chemical components of emulsion polymerization in aqueous media on Na-MMT nanostructure by XRD analysis. <i>Journal of Polymer Research</i> , <b>2010</b> , 17, 309-313	2.7	7
23	Preparation of polyurethane composites reinforced with halloysite and carbon nanotubes. <i>Polymer Composites</i> , <b>2021</b> , 42, 450-461	3	7
22	Surfactant-assisted water exposed electrospinning of novel super hydrophilic polycaprolactone based fibers. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2017</b> , 45, 871-880	6.1	6
21	Surfactant-assisted-water-exposed versus surfactant-aqueous-solution-exposed electrospinning of novel super hydrophilic polycaprolactone based fibers: Analysis of drug release behavior. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2019</b> , 107, 597-609	5.4	6
20	Role of sequence of feeding on the properties of polyurethane nanocomposite containing halloysite nanotubes. <i>Designed Monomers and Polymers</i> , <b>2019</b> , 22, 199-212	3.1	5
19	Kinetic study of in situ normal and AGET atom transfer radical copolymerization of nButyl acrylate and styrene: Effect of nanoclay loading and catalyst concentration. <i>International Journal of Chemical Kinetics</i> , <b>2012</b> , 44, 789-799	1.4	4
18	Application of the Monte Carlo simulation method to the Investigation of the effect of chain-length-dependent bimolecular termination on ATRP. <i>E-Polymers</i> , <b>2009</b> , 9,	2.7	4
17	Synthesis and Characterization of a New Semi-Aliphatic Poly(amide-imide) and Evaluation of the Effect of Reaction Conditions. <i>Designed Monomers and Polymers</i> , <b>2008</b> , 11, 223-234	3.1	4
16	Efficient Photocatalytic Degradation of Gaseous Benzene and Toluene over Novel Hybrid PIL@TiO <sub>2</sub> /m-GO Composites. <i>Catalysts</i> , <b>2021</b> , 11, 126	4	4
15	Dynamic mechanical study of epoxy, epoxy/glass, and glass/epoxy/wood hybrid composites aged in various media. <i>Polymer Composites</i> , <b>2009</b> , 30, 1761-1770	3	3
14	Electrical and Mechanical Properties of Conductive Carbon Black/Polyolefin Composites Mixed With Carbon Fiber. <i>Journal of ASTM International</i> , <b>2006</b> , 3, 100431		3
13	Rheological investigation of carbon-based hybrid polyurethane nanocomposites with continuous networks. <i>Iranian Polymer Journal (English Edition)</i> , <b>2019</b> , 28, 801-811	2.3	2

12	Preparation of hydrophilic blood compatible polypropylene/pluronic F127 films. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2018</b> , 106, 652-662	5.4	2
11	Direct synthesis of polymer-grafted inorganic hybrids via reversible chain transfer catalyzed polymerization. <i>Iranian Polymer Journal (English Edition)</i> , <b>2013</b> , 22, 757-766	2.3	2
10	Modeling of Precipitation Polymerization I: The Method of Finite Molecular Weight Moments. <i>E-Polymers</i> , <b>2007</b> , 7,	2.7	2
9	Effect of chain extender length and molecular architecture on phase separation and rheological properties of ether-based polyurethanes. <i>Polymer Bulletin</i> ,1	2.4	2
8	Effect of porogenic solvent in synthesis of mesoporous and microporous molecularly imprinted polymer based on magnetic halloysite nanotubes. <i>Materials Today Communications</i> , <b>2021</b> , 26, 101780	2.5	2
7	Surfactant-assisted-water-exposed versus surfactant-aqueous-solution-exposed electrospinning of novel super hydrophilic Polycaprolactone-based fibers: Cell culture studies. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2019</b> , 107, 1204-1212	5.4	1
6	Modeling of precipitation polymerization II: calculation of macroradicals concentrations in the continuous and dispersed phases. <i>Polymer Bulletin</i> , <b>2012</b> , 68, 1603-1621	2.4	1
5	Investigation of Ethylene Polymerization Kinetics over Ziegler-Natta Catalysts: Employing Moment Equation Modeling to Study the Effect of Different Active Centers on Homopolymerization Kinetics. <i>E-Polymers</i> , <b>2008</b> , 8,	2.7	1
4	Preparation of intelligent magnetic halloysite nanotubes/polyurethane nanocomposites: The role of nanotube modification on the shape recovery rate. <i>Materials Research Bulletin</i> , <b>2021</b> , 147, 111653	5.1	1
3	Molecular dynamics simulation, synthesis and characterization of polyurethane block polymers containing PTHF/PCL mixture as a soft segment. <i>Polymer Bulletin</i> ,1	2.4	1
2	A review on microphase separation measurement techniques for polyurethanes. <i>Journal of Plastic Film and Sheeting</i> ,875608792210889	2.4	1
1	Processing Effects on Electrical Conductivity and Mechanical Properties of Particulate Composite <b>2004</b> , 72-77		