

Vahid Haddadi-asl

List of Publications by Year in descending order

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121
papers

3,620
citations

94269

37
h-index

174990

52
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122
all docs

122
docs citations

122
times ranked

3174
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular dynamics simulation, synthesis and characterization of polyurethane block polymers containing PTHF/PCL mixture as a soft segment. <i>Polymer Bulletin</i> , 2022, 79, 643-661.	1.7	7
2	Effect of chain extender length and molecular architecture on phase separation and rheological properties of ether-based polyurethanes. <i>Polymer Bulletin</i> , 2022, 79, 8653-8668.	1.7	8
3	Preparation of intelligent magnetic halloysite nanotubes/polyurethane nanocomposites: The role of nanotube modification on the shape recovery rate. <i>Materials Research Bulletin</i> , 2022, 147, 111653.	2.7	11
4	A review on microphase separation measurement techniques for polyurethanes. <i>Journal of Plastic Film and Sheeting</i> , 2022, 38, 502-541.	1.3	13
5	Synthesis of pH-Sensitive polydopamine capsules via pickering emulsions stabilized by cellulose nanocrystals to study drug release behavior. <i>Polymer</i> , 2022, 255, 125111.	1.8	4
6	Preparation of polyurethane composites reinforced with halloysite and carbon nanotubes. <i>Polymer Composites</i> , 2021, 42, 450-461.	2.3	27
7	Effect of porogenic solvent in synthesis of mesoporous and microporous molecularly imprinted polymer based on magnetic halloysite nanotubes. <i>Materials Today Communications</i> , 2021, 26, 101780.	0.9	5
8	Magnetic halloysite-based molecularly imprinted polymer for specific recognition of sunset yellow in dyes mixture. <i>Polymers for Advanced Technologies</i> , 2021, 32, 803-814.	1.6	15
9	Efficient Photocatalytic Degradation of Gaseous Benzene and Toluene over Novel Hybrid PIL@TiO ₂ /m-GO Composites. <i>Catalysts</i> , 2021, 11, 126.	1.6	11
10	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> , 2021, 34, 102286.	1.3	31
11	Step-by-step design of poly (μ -caprolactone) /chitosan/Melilotus officinalis extract electrospun nanofibers for wound dressing applications. <i>International Journal of Biological Macromolecules</i> , 2021, 180, 36-50.	3.6	30
12	Nitrogen and phosphorous doped graphene quantum dots: Excellent flame retardants and smoke suppressants for polyacrylonitrile nanocomposites. <i>Journal of Hazardous Materials</i> , 2020, 381, 121013.	6.5	75
13	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> , 2020, 27, 1.	1.2	21
14	Halloysite-reinforced thermoplastic polyurethane nanocomposites: Physico-mechanical, rheological, and thermal investigations. <i>Polymer Composites</i> , 2020, 41, 3260-3270.	2.3	23
15	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> , 2020, 515, 146071.	3.1	35
16	Switch segment and halloysite nanotube role in the phase separation behavior of shape-memory thermoplastic polyurethane. <i>Polymer Composites</i> , 2020, 41, 2625-2633.	2.3	17
17	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> , 2020, 30, 101674.	1.3	30
18	Sericin grafted multifunctional curcumin loaded fluorinated graphene oxide nanomedicines with charge switching properties for effective cancer cell targeting. <i>International Journal of Pharmaceutics</i> , 2019, 572, 118791.	2.6	28

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19	Rheological investigation of carbon-based hybrid polyurethane nanocomposites with continuous networks. Iranian Polymer Journal (English Edition), 2019, 28, 801-811.	1.3	4
20	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. Journal of Materials Science: Materials in Electronics, 2019, 30, 18439-18451.	1.1	9
21	Surfactant-assisted water-exposed versus surfactant-aqueous solution-exposed electrospinning of novel super hydrophilic Polycaprolactone-based fibers: Cell culture studies. Journal of Biomedical Materials Research - Part A, 2019, 107, 1204-1212.	2.1	2
22	Stimuli-responsive DOX release behavior of cross-linked poly(acrylic acid) nanoparticles. E-Polymers, 2019, 19, 203-214.	1.3	27
23	How the soft segment arrangement influences the microphase separation kinetics and mechanical properties of polyurethane block polymers. Materials Research Express, 2019, 6, 085311.	0.8	13
24	A simple and versatile method to tailor physicochemical properties of thermoplastic polyurethane elastomers by using novel mixed soft segments. Materials Research Express, 2019, 6, 065314.	0.8	15
25	Micro-phase separation kinetics of polyurethane nanocomposites with neural network. Polymer Composites, 2019, 40, 3904-3913.	2.3	13
26	A novel investigation on micro-phase separation of thermoplastic polyurethanes: simulation, theoretical, and experimental approaches. Iranian Polymer Journal (English Edition), 2019, 28, 237-250.	1.3	31
27	Role of sequence of feeding on the properties of polyurethane nanocomposite containing halloysite nanotubes. Designed Monomers and Polymers, 2019, 22, 199-212.	0.7	8
28	Surfactant-assisted water-exposed versus surfactant-aqueous solution-exposed electrospinning of novel super hydrophilic polycaprolactone based fibers: Analysis of drug release behavior. Journal of Biomedical Materials Research - Part A, 2019, 107, 597-609.	2.1	9
29	Effect of nanofiller content and confined crystallization on the microphase separation kinetics of polyurethane nanocomposites. Polymer Composites, 2019, 40, E422.	2.3	29
30	Synthesis of pH-responsive magnetic yolk-shell nanoparticles: A comparison between conventional etching and new deswelling approaches. Applied Organometallic Chemistry, 2018, 32, e4272.	1.7	23
31	Synthesis of dual temperature and pH-responsive yolk-shell nanoparticles by conventional etching and new deswelling approaches: DOX release behavior. Colloids and Surfaces B: Biointerfaces, 2018, 165, 1-8.	2.5	49
32	Fabrication and characterization of polymer-ceramic nanocomposites containing drug loaded modified halloysite nanotubes. Journal of Biomedical Materials Research - Part A, 2018, 106, 1276-1287.	2.1	18
33	Preparation of hydrophilic blood compatible polypropylene/pluronics F127 films. Journal of Biomedical Materials Research - Part A, 2018, 106, 652-662.	2.1	4
34	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. Journal of Biomedical Materials Research - Part A, 2018, 106, 342-348.	2.1	51
35	Synthesis of dual thermo- and pH-sensitive poly(N-isopropylacrylamide-co-acrylic) Tj ETQq1 1 0.784314 rgBT /Ov polymerization. Journal of Biomedical Materials Research - Part A, 2018, 106, 231-243.	2.1	42
36	Development and characterization of electrospayed nanoparticles for encapsulation of curcumin. Journal of Biomedical Materials Research - Part A, 2018, 106, 285-292.	2.1	28

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37	Formulation of microphase separation kinetics of polyurethane nanocomposites. <i>Polymers for Advanced Technologies</i> , 2018, 29, 2909-2916.	1.6	16
38	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> , 2017, 66, 123-131.	1.8	65
39	Surfactant-assisted water exposed electrospinning of novel super hydrophilic polycaprolactone based fibers. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 871-880.	1.9	9
40	Fabrication and characterization of hydrophilic poly(ϵ -caprolactone)/pluronic P123 electrospun fibers. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	45
41	Fabrication and characterization of polymer-ceramic nanocomposites containing pluronic F127 immobilized on hydroxyapatite nanoparticles. <i>RSC Advances</i> , 2016, 6, 80564-80575.	1.7	24
42	Facile fabrication of novel polycaprolactone-based electrospun fibers using in-process water exposure. <i>International Journal of Polymer Analysis and Characterization</i> , 2016, 21, 636-646.	0.9	8
43	Nanofibers of poly (hydroxyethyl methacrylate)-grafted halloysite nanotubes and polycaprolactone by combination of RAFT polymerization and electrospinning. <i>Journal of Polymer Research</i> , 2015, 22, 1.	1.2	22
44	Carboxylic acid functionalization of halloysite nanotubes for sustained release of diphenhydramine hydrochloride. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	33
45	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.	1.5	40
46	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> , 2015, 65, 143-153.	1.8	107
47	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.	1.3	40
48	Grafting poly (methyl methacrylate) from azo-functionalized graphene nanolayers via reverse atom transfer radical polymerization. <i>Colloid and Polymer Science</i> , 2015, 293, 735-750.	1.0	45
49	INTRODUCTION OF A DOUBLE BOND CONTAINING MODIFIER ON THE SURFACE OF MCM-41 NANOPARTICLES: APPLICATION FOR SR&NI ATRP OF STYRENE. <i>Nano</i> , 2014, 09, 1450023.	0.5	9
50	Furfuryl alcohol functionalized graphene nanosheets for synthesis of high carbon yield novolak composites. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	40
51	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. <i>Designed Monomers and Polymers</i> , 2014, 17, 245-254.	0.7	22
52	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.	1.2	50
53	Ion-Exchange Polymer Nanofibers for Enhanced Osteogenic Differentiation of Stem Cells and Ectopic Bone Formation. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 72-82.	4.0	30
54	In-plane functionalizing graphene nanolayers with polystyrene by atom transfer radical polymerization: Grafting from hydroxyl groups. <i>Polymer Composites</i> , 2014, 35, 386-395.	2.3	45

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55	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> , 2014, 292, 2971-2981.	1.0	62
56	Polystyrene-grafted graphene nanoplatelets with various graft densities by atom transfer radical polymerization from the edge carboxyl groups. <i>RSC Advances</i> , 2014, 4, 24439-24452.	1.7	66
57	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> , 2014, 4, 31428-31442.	1.7	112
58	Edge-functionalized graphene nanoplatelets with polystyrene by atom transfer radical polymerization: grafting through carboxyl groups. <i>Polymer International</i> , 2014, 63, 1912-1923.	1.6	50
59	Direct synthesis of polymer-grafted inorganic hybrids via reversible chain transfer catalyzed polymerization. <i>Iranian Polymer Journal (English Edition)</i> , 2013, 22, 757-766.	1.3	2
60	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> , 2013, 66, 337-344.	1.1	43
61	INVESTIGATING THE EFFECT OF MCM-41 NANOPARTICLES ON THE KINETICS OF ATOM TRANSFER RADICAL POLYMERIZATION OF STYRENE. <i>Nano</i> , 2013, 08, 1350018.	0.5	8
62	Kinetic investigation of the reversible addition-fragmentation chain transfer polymerization of 1,3-butadiene. <i>Journal of Polymer Research</i> , 2013, 20, 1.	1.2	17
63	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> , 2013, 20, 1.	1.2	28
64	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.	1.0	16
65	Synthesis of hybrid free and nanoporous silica aerogel-anchored polystyrene chains via in situ atom transfer radical polymerization. <i>Polymer Composites</i> , 2013, 34, 1648-1654.	2.3	23
66	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.	1.8	20
67	Polystyrene organoclay nanocomposites produced by in situ activators regenerated by electron transfer for atom transfer radical polymerization. <i>Journal of Polymer Engineering</i> , 2012, 32, 235-243.	0.6	11
68	Effect of silica nanoparticle loading and surface modification on the kinetics of RAFT polymerization. <i>Journal of Polymer Engineering</i> , 2012, 32, .	0.6	18
69	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, .	0.6	16
70	Kinetic study of in situ normal and AGET atom transfer radical copolymerization of butyl acrylate and styrene: Effect of nanoclay loading and catalyst concentration. <i>International Journal of Chemical Kinetics</i> , 2012, 44, 789-799.	1.0	4
71	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.	1.2	34
72	Cellular infiltration on nanofibrous scaffolds using a modified electrospinning technique. <i>Biochemical and Biophysical Research Communications</i> , 2012, 423, 50-54.	1.0	54

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73	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.	0.3	27
74	EFFECT OF CARBON NANOTUBES ON THE KINETICS OF <i>IN SITU</i> POLYMERIZATION OF METHYL METHACRYLATE. <i>Nano</i> , 2012, 07, 1250003.	0.5	18
75	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.	1.2	34
76	Properties of PMMA/Carbon nanotubes nanocomposites prepared by "grafting through" method. <i>Polymer Composites</i> , 2012, 33, 215-224.	2.3	47
77	In Situ Controlled Radical Polymerization: A Review on Synthesis of Well-defined Nanocomposites. <i>Polymer Reviews</i> , 2012, 52, 142-188.	5.3	106
78	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.	1.0	49
79	Nanoclay-encapsulated polystyrene microspheres by reverse atom transfer radical polymerization. <i>Polymer Composites</i> , 2012, 33, 990-998.	2.3	28
80	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.	1.2	39
81	A study on the properties of PMMA/silica nanocomposites prepared via RAFT polymerization. <i>Journal of Polymer Research</i> , 2012, 19, 1.	1.2	45
82	Encapsulation of organomodified montmorillonite with PMMA via in situ SR&NI ATRP in miniemulsion. <i>Journal of Polymer Research</i> , 2012, 19, 1.	1.2	36
83	Modeling of precipitation polymerization II: calculation of macroradicals concentrations in the continuous and dispersed phases. <i>Polymer Bulletin</i> , 2012, 68, 1603-1621.	1.7	1
84	Well-defined nanofiberous polystyrene nanocomposites with twofold chains by ATRP. <i>Polymer Science - Series B</i> , 2012, 54, 153-160.	0.3	12
85	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.	1.3	39
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> , 2012, 124, 2278-2286.	1.3	39
87	Enhanced Infiltration and Biomineralization of Stem Cells on Collagen-Grafted Three-Dimensional Nanofibers. <i>Tissue Engineering - Part A</i> , 2011, 17, 1209-1218.	1.6	49
88	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.	6.6	39
89	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> , 2011, 18, 1539-1555.	1.2	10
90	Synthesis and characterization of poly(styrene-co-butyl acrylate)/clay nanocomposite latexes in miniemulsion by AGET ATRP. <i>Polymer Composites</i> , 2011, 32, 967-975.	2.3	34

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91	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.	2.3	33
92	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.	0.8	16
93	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.	1.8	49
94	Preparation of nanoclay-dispersed polystyrene nanofibers via atom transfer radical polymerization and electrospinning. <i>Journal of Applied Polymer Science</i> , 2011, 120, 1431-1438.	1.3	40
95	Nanofiber-based polyelectrolytes as novel membranes for fuel cell applications. <i>Journal of Membrane Science</i> , 2011, 368, 233-240.	4.1	128
96	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> , 2010, 52, 184-192.	0.3	10
97	A comprehensive Monte Carlo simulation of styrene atom transfer radical polymerization. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2010, 28, 483-497.	2.0	31
98	Effect of chemical components of emulsion polymerization in aqueous media on Na-MMT nanostructure by XRD analysis. <i>Journal of Polymer Research</i> , 2010, 17, 309-313.	1.2	7
99	Synthesis and characterization of clay dispersed polystyrene nanocomposite via atom transfer radical polymerization. <i>Polymer Composites</i> , 2010, 31, 1829-1837.	2.3	46
100	Accelerated Epidermal Regeneration and Improved Dermal Reconstruction Achieved by Polyethersulfone Nanofibers. <i>Tissue Engineering - Part A</i> , 2010, 16, 3527-3536.	1.6	72
101	Application of Monte Carlo simulation method to polymerization kinetics over Ziegler-Natta catalysts. <i>International Journal of Chemical Kinetics</i> , 2009, 41, 45-56.	1.0	18
102	Dynamic mechanical study of epoxy, epoxy/glass, and glass/epoxy/wood hybrid composites aged in various media. <i>Polymer Composites</i> , 2009, 30, 1761-1770.	2.3	3
103	Improved infiltration of stem cells on electrospun nanofibers. <i>Biochemical and Biophysical Research Communications</i> , 2009, 382, 129-133.	1.0	88
104	In vitro Differentiation of Human Cord Blood-Derived Unrestricted Somatic Stem Cells into Hepatocyte-Like Cells on Poly(μ -Caprolactone) Nanofiber Scaffolds. <i>Cells Tissues Organs</i> , 2009, 190, 135-149.	1.3	75
105	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> , 2009, 9, .	1.3	4
106	QUANTITATIVE EVALUATION OF ARRANGEMENT OF MONOMERS IN LINEAR BINARY COPOLYMERS USING A MONTE CARLO SIMULATION METHOD. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2009, 27, 195.	2.0	1
107	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> , 2008, 11, 223-234.	0.7	5
108	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> , 2008, 8, .	1.3	2

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109	Modeling of Precipitation Polymerization I: The Method of Finite Molecular Weight Moments. E-Polymers, 2007, 7, .	1.3	2
110	Nanofibrous Poly(ϵ -Caprolactone)/Poly(Vinyl Alcohol)/Chitosan Hybrid Scaffolds for Bone Tissue Engineering using Mesenchymal Stem Cells. International Journal of Artificial Organs, 2007, 30, 204-211.	0.7	68
111	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 $r_B > 1$). Journal of Applied Polymer Science, 2007, 106, 4138-4147.	1.3	18
112	Electrical and Mechanical Properties of Conductive Carbon Black/Polyolefin Composites Mixed With Carbon Fiber. Journal of ASTM International, 2006, 3, 100431.	0.2	5
113	Comprehensive Study of Free Radical Copolymerization Using a Monte Carlo Simulation Method, 1. Macromolecular Theory and Simulations, 2005, 14, 325-336.	0.6	34
114	Bioadhesion and biocompatibility evaluations of gelatin and polyacrylic acid as a crosslinked hydrogel in vitro. Journal of Biomaterials Science, Polymer Edition, 2004, 15, 1019-1031.	1.9	24
115	Processing Effects on Electrical Conductivity and Mechanical Properties of Particulate Composite. , 2004, , 72-77.		0
116	Radiation graft modification of ethylene-propylene rubber III. Effect on water uptake, wettability and biocompatibility. Radiation Physics and Chemistry, 1996, 47, 907-912.	1.4	16
117	Preparation and evaluation of electrocatalytic oxide coatings on conductive carbon-polymer composite substrates for use as dimensionally stable anodes. Journal of Applied Electrochemistry, 1996, 26, 1117.	1.5	15
118	Carbon-polymer composite electrodes for redox cells. Journal of Applied Polymer Science, 1995, 57, 1455-1463.	1.3	57
119	Conductive carbon-polypropylene composite electrodes for vanadium redox battery. Journal of Applied Electrochemistry, 1995, 25, 29.	1.5	61
120	Radiation graft modification of ethylene-propylene rubber II. Effect of additives. Radiation Physics and Chemistry, 1995, 45, 191-198.	1.4	25
121	Radiation graft modification of ethylene-propylene rubber I. Effect of monomer and substrate structure. Radiation Physics and Chemistry, 1994, 44, 385-393.	1.4	15