Ahmad Ramazani S A

List of Publications by Year
in descending order

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135	3,177	172443	206102
papers	citations	29	48
		h-index	g-index

138	138	138	3599
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fabrication and characterization of conductive chitosan/gelatin-based scaffolds for nerve tissue engineering. International Journal of Biological Macromolecules, 2015, 74, 360-366.	7.5	174
2	Studies on Glutaraldehyde Crosslinked Chitosan Hydrogel Properties for Drug Delivery Systems. International Journal of Polymeric Materials and Polymeric Biomaterials, 2013, 62, 605-611.	3.4	151
3	Gelation time and degradation rate of chitosan-based injectable hydrogel. Journal of Sol-Gel Science and Technology, 2007, 42, 47-53.	2.4	131
4	Investigation of flame retardancy and physicalâ€“mechanical properties of zinc borate and aluminum hydroxide propylene composites. Materials & Design, 2008, 29, 1051-1056.	5.1	116
5	Effects of Asphaltene Content and Temperature on Viscosity of Iranian Heavy Crude Oil: Experimental and Modeling Study. Energy & Fuels, 2013, 27, 7217-7232.	5.1	111
6	Investigation of in situ prepared polypropylene/clay nanocomposites properties and comparing to melt blending method. Materials & Design, 2010, 31, 76-84.	5.1	101
7	Fabrication and evaluation of chitosan/gelatin/PVA hydrogel incorporating honey for wound healing applications: An in vitro, in vivo study. International Journal of Pharmaceutics, 2021, 592, 120068.	5.2	99
8	Fabrication and characterization of graphene-based carbon hollow spheres for encapsulation of organic corrosion inhibitors. Chemical Engineering Journal, 2018, 352, 909-922.	12.7	97
9	Preparation of conductive polyaniline/graphene nanocomposites via in situ emulsion polymerization and product characterization. Synthetic Metals, 2014, 196, 199-205.	3.9	77
10	Rheology of fiber suspensions in viscoelastic media: Experiments and model predictions. Journal of Rheology, 2001, 45, 945-962.	2.6	58
11	Self-healing epoxy nanocomposite coatings based on dual-encapsulation of nano-carbon hollow spheres with film-forming resin and curing agent. Composites Part B: Engineering, 2019, 175, 107087.	12.0	57
12	Mechanical and Corrosion Protection Properties of a Smart Composite Epoxy Coating with Dual-Encapsulated Epoxy/Polyamine in Carbon Nanospheres. Industrial & Engineering Chemistry Research, 2019, 58, 3033-3046.	3.7	55
13	Investigation of properties of polyethylene/clay nanocomposites prepared by new in situ Zieglerâ€“Natta catalyst. Materials & Design, 2009, 30, 2309-2315.	5.1	54
14	A novel field applicable mud formula with enhanced fluid loss properties in High Pressure-High Temperature well condition containing pistachio shell powder. Journal of Petroleum Science and Engineering, 2018, 162, 378-385.	4.2	51
15	Application of a novel acrylamide copolymer containing highly hydrophobic comonomer as filtration control and rheology modifier additive in water-based drilling mud. Journal of Petroleum Science and Engineering, 2019, 180, 747-755.	4.2	50
16	Fabrication of carboxymethyl chitosan/poly(Îµ-caprolactone)/doxorubicin/nickel ferrite core-shell fibers for controlled release of doxorubicin against breast cancer. Carbohydrate Polymers, 2021, 257, 117631.	10.2	49
17	Experimental measurement and modeling of saturated reservoir oil viscosity. Korean Journal of Chemical Engineering, 2014, 31, 1253-1264.	2.7	44
18	Investigation of the Effect of Nanosilica on Rheological, Thermal, Mechanical, Structural, and Piezoelectric Properties of Poly(vinylidene fluoride) Nanofibers Fabricated Using an Electrospinning Technique. Industrial & Engineering Chemistry Research, 2017, 56, 12596-12607.	3.7	43

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19	Effect of ultrasonic irradiation on rheological properties of asphaltenic crude oils. Petroleum Science, 2012, 9, 82-88.	4.9	42
20	Kinetic and morphological study of a magnesium ethoxideâ€based Zieglerâ€“Natta catalyst for propylene polymerization. Polymer International, 2009, 58, 40-45.	3.1	41
21	Zinc-doped silica/polyaniline core/shell nanoparticles towards corrosion protection epoxy nanocomposite coatings. Composites Part B: Engineering, 2021, 212, 108713.	12.0	41
22	Epoxy nanocomposite coatings with enhanced dual active/barrier behavior containing graphene-based carbon hollow spheres as corrosion inhibitor nanoreservoirs. Corrosion Science, 2021, 185, 109428.	6.6	41
23	Preparation of ultrahighâ€molecularâ€weight polyethylene/carbon nanotube nanocomposites with a Zieglerâ€“Natta catalytic system and investigation of their thermal and mechanical properties. Journal of Applied Polymer Science, 2012, 125, E453.	2.6	40
24	Mechanical and piezoelectric characterizations of electrospun PVDF-nanosilica fibrous scaffolds for biomedical applications. Materials Today: Proceedings, 2018, 5, 15710-15716.	1.8	38
25	Preparation of nanostructured and nanosheets of MoS2 oxide using oxidation method. Ultrasonics Sonochemistry, 2017, 39, 188-196.	8.2	36
26	Graphene Oxide Nanosheets for Oil Recovery. ACS Applied Nano Materials, 2019, 2, 5730-5742.	5.0	34
27	Synthesis and application of mesoporous carbon nanospheres containing walnut extract for fabrication of active protective epoxy coatings. Progress in Organic Coatings, 2019, 133, 206-219.	3.9	33
28	Melt preparation and investigation of properties of toughened Polyamide 66 with SEBS-g-MA and their nanocomposites. Materials & Design, 2008, 29, 105-111.	5.1	32
29	LDPE/EVA/graphene nanocomposites with enhanced mechanical and gas permeability properties. Polymers for Advanced Technologies, 2015, 26, 1083-1090.	3.2	30
30	Preparation and characterization of self-electrical stimuli conductive gellan based nano scaffold for nerve regeneration containing chopped short spun nanofibers of PVDF/MCM41 and polyaniline/graphene nanoparticles: Physical, mechanical and morphological studies. International Journal of Biological Macromolecules, 2021, 167, 881-893.	7.5	30
31	Enhanced polymer flooding using a novel nanoâ€scale smart polymer: Experimental investigation. Canadian Journal of Chemical Engineering, 2017, 95, 2168-2175.	1.7	29
32	Design, Fabrication, and Characterization of Novel Porous Conductive Scaffolds for Nerve Tissue Engineering. International Journal of Polymeric Materials and Polymeric Biomaterials, 2015, 64, 969-977.	3.4	26
33	In-situ preparation and characterization of ultra-high molecular weight polyethylene/diamond nanocomposites using Bi-supported Ziegler-Natta catalyst: Effect of nanodiamond silanization. Materials Today Communications, 2018, 14, 53-64.	1.9	26
34	Investigation of Thermomechanical Properties of UHMWPE/Graphene Oxide Nanocomposites Prepared by In situ Zieglerâ€“Natta Polymerization. Advances in Polymer Technology, 2015, 34, .	1.7	25
35	In situ polymerization of polyethylene/clay nanocomposites using a novel clayâ€supported Zieglerâ€Natta catalyst. Polymer Composites, 2009, 30, 1388-1393.	4.6	24
36	Effects of nano graphene oxide as support on the product properties and performance of Zieglerâ€“Natta catalyst in production of UHMWPE. Polymers for Advanced Technologies, 2015, 26, 315-321.	3.2	24

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37	Preparation and investigation of tribological properties of ultra-high molecular weight polyethylene (UHMWPE)/graphene oxide. Polymers for Advanced Technologies, 2016, 27, 1172-1178.	3.2	24
38	Conductive multichannel PCL/gelatin conduit with tunable mechanical and structural properties for peripheral nerve regeneration. Journal of Applied Polymer Science, 2020, 137, 49219.	2.6	24
39	Polycarbonate surface cell's adhesion examination after Nd:YAG laser irradiation. Materials Science and Engineering C, 2009, 29, 1491-1497.	7.3	22
40	Quantifying the Role of Ultrasonic Wave Radiation on Kinetics of Asphaltene Aggregation in a Tolueneâ€“Pentane Mixture. Petroleum Science and Technology, 2011, 29, 966-974.	1.5	22
41	Evaluating the Effect of Physics Schemes in WRF Simulations of Summer Rainfall in North West Iran. Climate, 2017, 5, 48.	2.8	22
42	SiO₂â€covered graphene oxide nanohybrids for in situ preparation of UHMWPE/GO(SiO₂) nanocomposites with superior mechanical and tribological properties. Journal of Applied Polymer Science, 2019, 136, 47796.	2.6	22
43	Insights into application of acorn shell powder in drilling fluid as environmentally friendly additive: filtration and rheology. International Journal of Environmental Science and Technology, 2021, 18, 835-848.	3.5	22
44	High molecular weight polyacrylamide nanoparticles prepared by inverse emulsion polymerization: reaction conditions-properties relationships. Colloid and Polymer Science, 2016, 294, 513-525.	2.1	21
45	Applications of highly salt and highly temperature resistance terpolymer of acrylamide/styrene/maleic anhydride monomers as a rheological modifier: Rheological and corrosion protection properties studies. Journal of Molecular Liquids, 2019, 294, 111635.	4.9	21
46	Synthesis of polypropylene/clay nanocomposites using bisupported Zieglerâ€Natta catalyst. Journal of Applied Polymer Science, 2010, 115, 308-314.	2.6	20
47	Design and fabrication of conductive nanofibrous scaffolds for neural tissue engineering: Process modeling via response surface methodology. Journal of Biomaterials Applications, 2018, 33, 619-629.	2.4	20
48	Investigation of oxygen barrier properties of organoclay/HDPE/EVA nanocomposite films prepared using a twoâ€step solution method. Polymer Composites, 2009, 30, 812-819.	4.6	19
49	Investigation of the Gas Barrier Properties of PP/Clay Nanocomposite Films with EVA as a Compatibiliser Prepared by the Melt Intercalation Method. Polymer-Plastics Technology and Engineering, 2010, 49, 991-995.	1.9	19
50	Production and characterization of UHMWPE/fumed silica nanocomposites. Polymer Composites, 2012, 33, 1858-1864.	4.6	19
51	Facile synthesis of cauliflower-like hydrophobically modified polyacrylamide nanospheres by aerosol-photopolymerization. European Polymer Journal, 2016, 83, 323-336.	5.4	19
52	Inverse emulsion polymerization of triple monomers of acrylamide, maleic anhydride, and styrene to achieve highly hydrophilicâ€“hydrophobic modified polyacrylamide. Journal of Applied Polymer Science, 2019, 136, 47753.	2.6	19
53	Adsorption of eco-friendly carthamus tinctorius on steel surface in saline solution: A combination of electrochemical and theoretical studies. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 601, 125042.	4.7	19
54	Preparation of Ethylene Vinyl Acetate Copolymer/Graphene Oxide Nanocomposite Films via Solution Casting Method and Determination of the Mechanical Properties. Polymer-Plastics Technology and Engineering, 2015, 54, 218-222.	1.9	18

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55	Nanostructured Particles for Controlled Polymer Release in Enhanced Oil Recovery. Energy Technology, 2016, 4, 1035-1046.	3.8	18
56	Preparation and characterization of PVDF/Starch nanocomposite nanofibers using electrospinning method. Materials Today: Proceedings, 2018, 5, 15613-15619.	1.8	18
57	Adsorption and sustained release of doxorubicin from N-carboxymethyl chitosan/polyvinyl alcohol/poly(Îµ-caprolactone) composite and core-shell nanofibers. Journal of Drug Delivery Science and Technology, 2022, 67, 102937.	3.0	18
58	Improvement of Polymer Flooding Using in-Situ Releasing of Smart Nano-Scale Coated Polymer Particles in Porous Media. Energy Exploration and Exploitation, 2012, 30, 915-939.	2.3	17
59	Formation and Economic Study on Hydrate Technology with NGH Pellets. Journal of Dispersion Science and Technology, 2013, 34, 259-267.	2.4	17
60	Mechanical, rheological and oxygen barrier properties of ethylene vinyl acetate/diamond nanocomposites for packaging applications. Diamond and Related Materials, 2019, 99, 107523.	3.9	17
61	Enhanced active/barrier corrosion protective properties of epoxy coatings containing eco-friendly green inorganic/organic hybrid pigments based on zinc cations/Ferula Asafoetida leaves. Journal of Molecular Liquids, 2021, 323, 114584.	4.9	17
62	In situ preparation and property investigation of polypropylene/fumed silica nanocomposites. Polymer Composites, 2014, 35, 37-44.	4.6	16
63	Effect ÂÂÂÂof ultrasonic irradiation treatment on rheological behaviour of extra heavy crude oil: A solution method for transportation improvement. Canadian Journal of Chemical Engineering, 2017, 95, 83-91.	1.7	16
64	Thermal Degradation Kinetics and Modeling Study of Ultra High Molecular Weight Polyethylene (UHMWP)/Graphene Nanocomposite. Molecules, 2021, 26, 1597.	3.8	16
65	Radical Chlorination of Polyethylene and Molecular Structure Characterization of Reaction Products. Polymer Journal, 2005, 37, 661-668.	2.7	15
66	Modeling and sensitivity analysis of styrene monomer production process and investigation of catalyst behavior. Computers and Chemical Engineering, 2012, 40, 1-11.	3.8	15
67	Energy consumption in pervaporation, conventional and hybrid processes to separate toluene and i-octane. Chemical Engineering and Processing: Process Intensification, 2018, 128, 46-52.	3.6	15
68	Preparation of polyaniline/graphene coated wearable thermoelectric fabric using ultrasonic-assisted dip-coating method. Materials for Renewable and Sustainable Energy, 2020, 9, 1.	3.6	15
69	Investigation on penetration of saffron components through lipid bilayer bound to spike protein of SARS-CoV-2 using steered molecular dynamics simulation. Heliyon, 2020, 6, e05681.	3.2	15
70	Experimental Investigation of Rheological and Morphological Properties of Water in Crude Oil Emulsions Stabilized by a Lipophilic Surfactant. Journal of Dispersion Science and Technology, 2013, 34, 356-368.	2.4	14
71	Optimization of UHMWPE/Graphene Nanocomposite Processing using Ziegler-Natta Catalytic System via Response Surface Methodology. Polymer-Plastics Technology and Engineering, 2014, 53, 969-974.	1.9	14
72	Poly(Vinyl Alcohol)/Graphene Oxide Mixed Matrix Membranes for Pervaporation of Toluene and Isooctane. Polymer-Plastics Technology and Engineering, 2017, 56, 1286-1294.	1.9	14

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73	Property Investigation of Poly (Ethylene Co-vinyl Acetate)/Poly (l-Lactic Acid)/Organo Clay Nanocomposites. Journal of Polymers and the Environment, 2019, 27, 2886-2894.	5.0	14
74	Rheological modeling of water based drilling fluids containing polymer/bentonite using generalized bracket formalism. Journal of Petroleum Science and Engineering, 2020, 189, 107028.	4.2	13
75	Analytical and Experimental Study to Predict the Residual Resistance Factor on Polymer Flooding Process in Fractured Medium. Transport in Porous Media, 2010, 85, 825-840.	2.6	12
76	Thermal Degradation Behavior and Kinetic Analysis of Ultra High Molecular Weight Polyethylene Based Multi-Walled Carbon Nanotube Nanocomposites Prepared Viain-situPolymerization. Journal of Macromolecular Science - Pure and Applied Chemistry, 2012, 49, 749-757.	2.2	12
77	In situ emulsion polymerization and characterization of PVAc nanocomposites including colloidal silica nanoparticles for wood specimens bonding. Journal of Applied Polymer Science, 2020, 137, 48570.	2.6	12
78	Sustained release of CIP from TiO₂â€PVDF/starch nanocomposite mats with potential application in wound dressing. Journal of Applied Polymer Science, 2020, 137, 48916.	2.6	12
79	Synthesis and characterization of highly hydrophilic self-associating terpolymers: Rheological, thermal, and corrosion protection studies. Chemical Engineering Journal, 2021, 405, 126939.	12.7	12
80	Surfactant effects on the efficiency of oil sweeping from the dead ends: Numerical simulation and experimental investigation. Chemical Engineering Research and Design, 2015, 94, 173-181.	5.6	11
81	Preparation of mesh-reinforced cellulose acetate forward osmosis membrane with very low surface roughness. Korean Journal of Chemical Engineering, 2017, 34, 3170-3177.	2.7	11
82	Pervaporation of toluene and isoâ€octane through poly(vinyl alcohol)/graphene oxide nanoplate mixed matrix membranes: Comparison of crosslinked and noncrosslinked membranes. Journal of Applied Polymer Science, 2018, 135, 45853.	2.6	11
83	Synthesis and cation-exchange behavior of expanded MoS2 nanosheets for anticorrosion applications. Materials Today: Proceedings, 2018, 5, 15573-15579.	1.8	11
84	Wettability alteration of carbonate rock by nonionic surfactants in water-based drilling fluid. International Journal of Environmental Science and Technology, 2019, 16, 6547-6556.	3.5	11
85	Fabrication of novel poly(N-vinylcaprolactam)-coated UiO-66-NH2 metal organic framework nanocarrier for the controlled release of doxorubicin against A549 lung cancer cells. Journal of Drug Delivery Science and Technology, 2021, 66, 102881.	3.0	11
86	Predictions of Some Internal Microstructural Models for Polymer Melts and Solutions in Shear and Elongational Flows. Macromolecular Theory and Simulations, 2004, 13, 655-664.	1.4	10
87	Investigation of Barrier Properties of Poly(ethylene vinyl acetate)/Organoclay Nanocomposite Films Prepared by Phase Inversion Method. Macromolecular Symposia, 2008, 274, 1-5.	0.7	10
88	Preparation of Polyethylene/Layered Silicate Nanocomposites Using In Situ Polymerization Approach. Macromolecular Symposia, 2008, 274, 65-71.	0.7	10
89	Kinetic and Morphological Investigation on the Magnesium Ethoxideâ€Based Zieglerâ€Natta Catalyst for Propylene Polymerization Using Typical External Donors. Macromolecular Symposia, 2009, 285, 52-57.	0.7	10
90	Mathematical study of probe arrangement and nanoparticle injection effects on heat transfer during cryosurgery. Computers in Biology and Medicine, 2015, 66, 113-119.	7.0	10

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91	Investigation of the combination of TiO₂ nanoparticles and drag reducer polymer effects on the heat transfer and drag characteristics of nanofluids. Canadian Journal of Chemical Engineering, 2018, 96, 1430-1440.	1.7	10
92	Biocompatible conductive alginate/polyaniline-graphene neural conduits fabricated using a facile solution extrusion technique. International Journal of Polymeric Materials and Polymeric Biomaterials, 2021, 70, 486-495.	3.4	10
93	Effect of exfoliated molybdenum disulfide oxide on friction and wear properties of ultra high molecular weight polyethylene. Polymers for Advanced Technologies, 2018, 29, 3085-3096.	3.2	9
94	Cold atmospheric plasma modification and electrical conductivity induction in gelatin/polyvinylidene fluoride nanofibers for neural tissue engineering. Artificial Organs, 2022, 46, 1504-1521.	1.9	9
95	The Preparation and Rheological Investigation of Polymer and Hydrogel Modified Drilling Mud. Petroleum Science and Technology, 2012, 30, 1059-1068.	1.5	8
96	Rheological and morphological behaviors of polyamide 6/acrylonitrileâ€“butadieneâ€“styrene/nanoclay nanocomposites. Journal of Thermoplastic Composite Materials, 2014, 27, 1399-1416.	4.2	8
97	Enhancing Seebeck coefficient and electrical conductivity of polyaniline/carbon nanotubeâ€“coated thermoelectric fabric. Journal of Industrial Textiles, 2022, 51, 3297S-3308S.	2.4	8
98	Modeling and Comparison of Different Simulations for Release of Amoxicillin from Chitosan Hydrogels. Polymer-Plastics Technology and Engineering, 2013, 52, 1147-1153.	1.9	7
99	Property investigation of polypropylene/multiwall carbon nanotube nanocomposites prepared via in situ polymerization. Polymer International, 2014, 63, 689-694.	3.1	7
100	Preparation and Properties of Ethylene-vinyl Acetate/linear Low-density Polyethylene/Graphene Oxide Nanocomposite Films. Polymer-Plastics Technology and Engineering, 2015, 54, 1152-1158.	1.9	7
101	Preparation of UHMWPE/carbon black nanocomposites by in situ Zieglerâ€“Natta catalyst and investigation of product thermo-mechanical properties. Polymer Bulletin, 2016, 73, 1085-1101.	3.3	7
102	Fabrication of hollow carbon spheres doped with zinc cations to enhance corrosion protection of organosilane coatings. Surfaces and Interfaces, 2020, 21, 100696.	3.0	7
103	Synthesis and characterization of a chitosan/gelatin transparent film crosslinked with a combination of EDC/NHS for corneal epithelial cell culture scaffold with potential application in cornea implantation. International Journal of Polymeric Materials and Polymeric Biomaterials, 2022, 71, 568-578.	3.4	7
104	Preparation and Characterization of UHMWPE/Graphene Nanocomposites Using Bi-Supported Ziegler-Natta Polymerization. International Journal of Polymeric Materials and Polymeric Biomaterials, 2014, 63, 815-819.	3.4	6
105	Analysis of Capillaryâ€“Viscousâ€“Gravity Forces in Biopolymer Flooding with a Sensitivity Analysis on Polymer and Porous Medium Parameters. Journal of Dispersion Science and Technology, 2014, 35, 1764-1773.	2.4	6
106	Practical properties and formaldehyde emission of medium density fiberboards (MDFs) recycled by electrical method. European Journal of Wood and Wood Products, 2018, 76, 1287-1294.	2.9	6
107	Copper(<scp>ii</scp>) ions supported on functionalized graphene oxide: an organometallic nanocatalyst for oxidative amination of azoles via Câ€“H/Câ€“N bond activation. New Journal of Chemistry, 2021, 45, 3242-3251.	2.8	6
108	Gellan gel comprising short PVDF based-nanofibers: The effect of piezoelectric nanofiber on the mechanical and electrical behavior. Materials Today Communications, 2021, 26, 101785.	1.9	6

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109	Second virial coefficients of Exp-6 chains: A Monte Carlo simulation. Chemical Physics, 2012, 397, 26-33.	1.9	5
110	Mesoscopic theoretical modeling and experimental study of rheological behavior of water-based drilling fluid containing associative synthetic polymer, bentonite, and limestone. Journal of Molecular Liquids, 2022, 347, 117950.	4.9	5
111	â€œVolume-Preservingâ€•Conformational Rheological Models for Multi-Component Miscible Polymer Blends Using the GENERIC Formalism. Macromolecular Theory and Simulations, 2003, 12, 524-530.	1.4	4
112	Application of a new simplified SAFT to VLE study of associating and non-associating fluids. Fluid Phase Equilibria, 2005, 233, 110-121.	2.5	4
113	Effect of Poly (Propylene-g-maleic Anhydride) on the Morphological, Rheological, and Mechanical Properties of PP/HDPE Blend. Journal of Thermoplastic Composite Materials, 2009, 22, 519-530.	4.2	4
114	Simulation of viscoelastic fluid flows in expansion geometry using finite volume approach. Chinese Journal of Polymer Science (English Edition), 2013, 31, 1599-1612.	3.8	4
115	Mesoscopic rheological modeling of drilling fluids: Effects of the electrolyte. Journal of Petroleum Science and Engineering, 2020, 195, 107880.	4.2	4
116	Highly conductive self-electrical stimuli core-shell conduit based on PVDF-chitosanâ€“gelatin filled with in-situ gellan gum as a possible candidate for nerve regeneration: a rheological, electrical, and structural study. Applied Nanoscience (Switzerland), 2021, 11, 2199-2213.	3.1	4
117	Modeling of Viscoelastic Fluid Flow Behavior in the Circular Die Using the Leonovâ€Like Conformational Rheological Constitutive Equations. Macromolecular Symposia, 2008, 274, 6-10.	0.7	3
118	Experimental Investigation of Flooding Hydrolyzedâ€“Sulfonated Polymers for EOR Process in a Carbonate Reservoir. Petroleum Science and Technology, 2014, 32, 1114-1122.	1.5	3
119	Preparation of the Novel Hydrophobically Modified Polyacrylmide Nanostructures as Flooding Agent in EOR. , 2015, , .		3
120	A nonlinear theoretical model for prediction of mechanical behavior of particulate composites and experimental verification of the model predictions. Polymer Composites, 2010, 31, 1150-1155.	4.6	2
121	Experimental Investigation and Theoretical Prediction of Extrudate Swell Using Conformational Rheological Models. International Polymer Processing, 2012, 27, 478-485.	0.5	2
122	Simulation of flow of short fiber suspensions through a planar contraction. Scientia Iranica, 2012, 19, 579-584.	0.4	2
123	Gas barrier and mechanical properties of crosslinked ethylene vinyl acetate nanocomposites. Journal of Composite Materials, 2013, 47, 2987-2993.	2.4	2
124	Theoretical and experimental investigations of the inverse emulsion polymerization of acrylamide. Journal of Applied Polymer Science, 2015, 132, .	2.6	2
125	Rheological modeling of suspensions of fibrous nanoparticles in polymeric viscoelastic media. Journal of Non-Newtonian Fluid Mechanics, 2015, 223, 240-248.	2.4	2
126	Synthesis and characterization of poly(Lâ€lactide)â€blockâ€poly(Îµâ€caprolactone)â€grafted titanium dioxide nanoparticles via ringâ€opening in situ grafting polymerization. Polymer Composites, 2021, 42, 3722-3731.	4.6	2

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127	Fabrication and evaluation of controlled release of Doxorubicin loaded UiO-66-NH2 metal organic frameworks. International Journal of Engineering Transactions B: Applications, 2021, 34, .	0.5	2
128	Investigation of vacuum annealing effects on physicalâ€“mechanical properties of thermoplastic parts. Materials & Design, 2005, 26, 89-93.	5.1	1
129	Production of Chlorosulfonated Rubber from Postconsumer Polyethylene and Evaluation of Produced Rubber Properties. Polymer-Plastics Technology and Engineering, 2008, 47, 508-514.	1.9	1
130	Modeling and Simulation of Oil Well Stimulation by High Power Ultrasonic Irradiation. Acta Acustica United With Acustica, 2017, 103, 411-420.	0.8	1
131	Using Hybrid Silica Nanoparticles-Copolymer with Novel Micro-Model for Enhanced Oil Recovery. Scientia Iranica, 2017, .	0.4	1
132	Resonance Modelling and Control in Structures by Means of Magnetorheological Dampers. , 2010, , .		0
133	Experimental Measurement and Modeling of Heavy Crude Oil Rheological Behavior: The Roles of Asphaltene Fraction, Shear Rate, and Temperature. Journal of Dispersion Science and Technology, 0, , 141217111959003.	2.4	0
134	Investigation of rheological behavior of polyamide 6/acrylonitrileâ€“butadieneâ€“styrene/nanoclay in transient shear flow. Journal of Thermoplastic Composite Materials, 2015, 28, 1217-1232.	4.2	0
135	Transient Analysis of Falling Cylinder in Non-Newtonian Fluids: Further Opportunity to Employ the Benefits of SPH Method in Fluid â€“ Structure Problems. Chemical Product and Process Modeling, 2017, 12, .	0.9	0