

Mamdouh Ahmed Al-Harhi

List of Publications by Year in descending order

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129
papers

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126708

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4052
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#	ARTICLE	IF	CITATIONS
1	Enhanced removal of Eriochrome Black T from water using biochar/layered double hydroxide/chitosan hybrid composite: Performance evaluation and optimization using BBD-RSM approach. <i>Environmental Research</i> , 2022, 209, 112861.	3.7	29
2	Thermal Degradation Kinetics Analysis of Ethylene-Propylene Copolymer and EP-1-Hexene Terpolymer. <i>Polymers</i> , 2022, 14, 634.	2.0	7
3	Degradation kinetics and thermomechanical properties of <i>in situ</i> polymerized layered double hydroxides-ethylene-propylene copolymer. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	1.3	9
4	Cellulose Nanocrystals from Office Paper Waste for Green Mortar: Process Optimization Modeling, Characterization, and Mechanical Properties. <i>Arabian Journal for Science and Engineering</i> , 2022, 47, 5377-5393.	1.7	14
5	Engineered cellulose nanocrystals-based cement mortar from office paper waste: Flow, strength, microstructure, and thermal properties. <i>Journal of Building Engineering</i> , 2022, 51, 104345.	1.6	10
6	PVA/PEG/graphene shape memory composites responsive to multi-stimuli. <i>Applied Physics A: Materials Science and Processing</i> , 2022, 128, 1.	1.1	6
7	Multiwalled Carbon Nanotube-Coated Poly-Methyl Methacrylate Dispersed Thermoplastic Polyurethane Composites for Pressure-Sensitive Applications. <i>Macromol</i> , 2022, 2, 211-224.	2.4	6
8	Effect of Fabrication Method on the Thermo Mechanical and Electrical Properties of Graphene Doped PVDF Nanocomposites. <i>Nanomaterials</i> , 2022, 12, 2315.	1.9	0
9	Sustainable wastewater treatment by biochar/layered double hydroxide composites: Progress, challenges, and outlook. <i>Bioresource Technology</i> , 2021, 319, 124128.	4.8	161
10	Graphite-LDH hybrid supported zirconocene for ethylene polymerization: Influence of the support on the crystallization kinetics and thermal stability of polyethylene. <i>Applied Clay Science</i> , 2021, 202, 105947.	2.6	13
11	Adsorption and reusability performance of M-Fe (M = Co, Cu, Zn and Ni) layered double hydroxides for the removal of hazardous Eriochrome Black T dye from different water streams. <i>Journal of Water Process Engineering</i> , 2021, 42, 102060.	2.6	27
12	Biochar supported CuFe layered double hydroxide composite as a sustainable adsorbent for efficient removal of anionic azo dye from water. <i>Environmental Technology and Innovation</i> , 2021, 23, 101614.	3.0	34
13	Degree of conversion of two self-adhesive resin luting cements through different lengths of fiber post. <i>Journal of Oral Science</i> , 2021, 63, 125-128.	0.7	2
14	Comparative performance study of ZnCl ₂ and NaOH sludge based activated carbon for simultaneous aqueous uptake of phenolic compounds. <i>International Journal of Environmental Analytical Chemistry</i> , 2021, 101, 2428-2452.	1.8	6
15	Demulsification of Heavy Petroleum Emulsion Using Pyridinium Ionic Liquids with Distinct Anion Branching. <i>Energy & Fuels</i> , 2021, 35, 16527-16533.	2.5	16
16	Influence of microwave irradiation on thermal properties of PVA and PVA/graphene nanocomposites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 139, 353-365.	2.0	23
17	Influence of Hydrophobically Modified Polymer and Titania Nanoparticles on Shale Hydration and Swelling Properties. <i>Energy & Fuels</i> , 2020, 34, 16456-16468.	2.5	13
18	Hybrid Ni-Al layered double hydroxide/graphene reinforced polyvinyl alcohol/starch blends. <i>Polymer Composites</i> , 2020, 41, 4253-4259.	2.3	5

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19	Mechanistic aspects of magnetic MgAlNi barium-ferrite nanocomposites enhanced adsorptive removal of an anionic dye from aqueous phase. <i>Journal of Saudi Chemical Society</i> , 2020, 24, 715-732.	2.4	18
20	Corrigendum to "Mechanical Properties of Polyethylene-Carbon Nanotube Composites Synthesized by In Situ Polymerization Using Metallocene Catalysts". <i>Advances in Materials Science and Engineering</i> , 2020, 2020, 1-1.	1.0	0
21	Adsorption Behavior and Mechanism of Methylene Blue, Crystal Violet, Eriochrome Black T, and Methyl Orange Dyes onto Biochar-Derived Date Palm Fronds Waste Produced at Different Pyrolysis Conditions. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	1.1	105
22	Dendrimer assisted dye-removal: A critical review of adsorption and catalytic degradation for wastewater treatment. <i>Journal of Molecular Liquids</i> , 2020, 315, 113775.	2.3	86
23	Sewage Sludge ZnCl ₂ -Activated Carbon Intercalated MgFe-LDH Nanocomposites: Insight of the Sorption Mechanism of Improved Removal of Phenol from Water. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1563.	1.8	13
24	Enhanced Removal of Eriochrome Black T Using Graphene/NiMgAl-Layered Hydroxides: Isotherm, Kinetic, and Thermodynamic Studies. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 7175-7189.	1.7	15
25	Non-isothermal crystallization of Ziegler Natta iPP/graphene nanocomposite: DSC and new model prediction. <i>Canadian Journal of Chemical Engineering</i> , 2020, 98, 1398-1410.	0.9	6
26	Synthesis, Characterization and Dye Adsorption Performance of Strontium Ferrite decorated Bentonite-CoNiAl Magnetic Composite. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 7397-7408.	1.7	24
27	Functionalized MgAl-layered hydroxide intercalated date-palm biochar for Enhanced Uptake of Cationic dye: Kinetics, isotherm and thermodynamic studies. <i>Applied Clay Science</i> , 2020, 190, 105587.	2.6	55
28	Influence of heat curing period and temperature on the strength of silico-manganese fume-blast furnace slag-based alkali-activated mortar. <i>Construction and Building Materials</i> , 2020, 251, 118961.	3.2	39
29	Impact of Slag Content and Curing Methods on the Strength of Alkali-Activated Silico-Manganese Fume/Blast Furnace Slag Mortars. <i>Arabian Journal for Science and Engineering</i> , 2019, 44, 8325-8335.	1.7	20
30	Graphene/ternary layered double hydroxide composites: Efficient removal of anionic dye from aqueous phase. <i>Korean Journal of Chemical Engineering</i> , 2019, 36, 1057-1068.	1.2	34
31	A review on the recent advances, challenges and future aspect of layered double hydroxides (LDH) containing hybrids as promising adsorbents for dyes removal. <i>Journal of Molecular Liquids</i> , 2019, 288, 110989.	2.3	196
32	Polymeric and low molecular weight shale inhibitors: A review. <i>Fuel</i> , 2019, 251, 187-217.	3.4	143
33	Organophilic Clay-Based Drilling Fluids for Mitigation of Unconventional Shale Reservoirs Instability and Formation Damage. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2019, 141, .	1.4	29
34	Enhancing the performance of a hybrid porous polysulfone membrane impregnated with green Ag/AgO additives derived from the <i>Parkia speciosa</i> . <i>Vacuum</i> , 2019, 163, 301-311.	1.6	8
35	Synthesis of Alkali-Activated Binary Blended Silico-Manganese Fume and Ground Blast Furnace Slag Mortar. <i>Journal of Advanced Concrete Technology</i> , 2019, 17, 728-735.	0.8	15
36	Preparation and characterization of microcellulose reinforced polyvinyl alcohol/starch biocomposites. <i>Journal of Composite Materials</i> , 2019, 53, 1933-1939.	1.2	9

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37	Bentonite-layered double hydroxide composite for enhanced aqueous adsorption of Eriochrome Black T. <i>Applied Clay Science</i> , 2018, 161, 23-34.	2.6	76
38	Metallocene-Catalyzed Copolymerization of Ethylene and 1-Hexene in the Presence of Graphene/MgAl LDH Nanofiller: Effect on the Activity, SCB, and Thermal Stability. <i>Arabian Journal for Science and Engineering</i> , 2018, 43, 6021-6032.	1.7	11
39	Rheological and filtration properties of clay-polymer systems: Impact of polymer structure. <i>Applied Clay Science</i> , 2018, 160, 226-237.	2.6	74
40	Influence of graphene on the non-isothermal crystallization kinetics of poly(vinyl alcohol)/starch composite. <i>Journal of Polymer Research</i> , 2018, 25, 1.	1.2	19
41	High molecular weight copolymers as rheology modifier and fluid loss additive for water-based drilling fluids. <i>Journal of Molecular Liquids</i> , 2018, 252, 133-143.	2.3	92
42	Effect of Nanoparticles on Mechanical and Flame-retardant Properties of Polyether-Block-Polyamide Polymer Nanocomposites. <i>Polymer-Plastics Technology and Engineering</i> , 2018, 57, 38-45.	1.9	2
43	Electrical and dielectric properties of poly(vinyl alcohol)/starch/graphene nanocomposites. <i>Canadian Journal of Chemical Engineering</i> , 2018, 96, 903-911.	0.9	45
44	Starch-NiFe-layered double hydroxide composites: Efficient removal of methyl orange from aqueous phase. <i>Journal of Molecular Liquids</i> , 2018, 249, 254-264.	2.3	123
45	Preparation of Miscible PVA/PEG Blends and Effect of Graphene Concentration on Thermal, Crystallization, Morphological, and Mechanical Properties of PVA/PEG (10 wt%) Blend. <i>International Journal of Polymer Science</i> , 2018, 2018, 1-10.	1.2	75
46	Mechanical Properties of Polyethylene-Carbon Nanotube Composites Synthesized by <i>In Situ</i> Polymerization Using Metallocene Catalysts. <i>Advances in Materials Science and Engineering</i> , 2018, 2018, 1-5.	1.0	11
47	Synthesis and Experimental Investigation of Novel CNT-Polymer Nanocomposite to Enhance Borehole Stability at High Temperature Drilling Applications. , 2018, . .		14
48	Effect of thermal aging and electrolyte on bentonite dispersions: Rheology and morphological properties. <i>Journal of Molecular Liquids</i> , 2018, 269, 278-286.	2.3	42
49	Microwave radiations effect on electrical and mechanical properties of poly (vinyl alcohol) and PVA/graphene nanocomposites. <i>Surfaces and Interfaces</i> , 2018, 13, 65-78.	1.5	12
50	Effect of natural weather aging on the properties of poly(vinyl alcohol)/starch/graphene nanocomposite. <i>Starch/Staerke</i> , 2017, 69, 1600005.	1.1	12
51	Effect of aluminum nitride concentration on different physical properties of low density polyethylene based nanocomposites. <i>Journal of Polymer Engineering</i> , 2017, 37, 765-775.	0.6	8
52	Recent progress in layered double hydroxides (LDH)-containing hybrids as adsorbents for water remediation. <i>Applied Clay Science</i> , 2017, 143, 279-292.	2.6	389
53	Crystallization and melting behavior of i-PP: a perspective from Flory's thermodynamic equilibrium theory and DSC experiment. <i>RSC Advances</i> , 2017, 7, 42491-42504.	1.7	26
54	Citric acid crosslinking of poly(vinyl alcohol)/starch/graphene nanocomposites for superior properties. <i>Iranian Polymer Journal (English Edition)</i> , 2017, 26, 579-587.	1.3	43

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55	Crystallization behaviour and lamellar thickness distribution of metallocene-catalyzed polymer: Effect of α -alkene comonomer and branch length. Canadian Journal of Chemical Engineering, 2017, 95, 491-499.	0.9	9
56	(ⁿ BuCp) ₂ ZrCl ₂ -catalyzed ethylene-4M1P copolymerization: Copolymer backbone structure, melt behavior, and crystallization. AIChE Journal, 2016, 62, 1688-1706.	1.8	9
57	Graphene/layered double hydroxides nanocomposites: A review of recent progress in synthesis and applications. Carbon, 2016, 104, 241-252.	5.4	207
58	Impact of modified graphene and microwave irradiation on thermal stability and degradation mechanism of poly (styrene-co-methyl meth acrylate). Thermochimica Acta, 2016, 633, 48-55.	1.2	17
59	Metallocene-catalyzed ethylene-olefin isomeric copolymerization: A perspective from hydrodynamic boundary layer mass transfer and design of MAO anion. Journal of the Taiwan Institute of Chemical Engineers, 2016, 60, 92-105.	2.7	4
60	Synthesis, characterization and crystallization kinetics of nanocomposites prepared by in situ polymerization of ethylene and graphene. Journal of Thermal Analysis and Calorimetry, 2016, 123, 1501-1511.	2.0	20
61	Experimental and theoretical study of multicomponent batch distillation. Computer Applications in Engineering Education, 2015, 23, 813-823.	2.2	0
62	Synthesis and properties of polyethylene/TiO ₂ nanocomposites using a vanadium catalyst. Canadian Journal of Chemical Engineering, 2015, 93, 2184-2189.	0.9	1
63	Compatibility of poly(acrylic acid)/starch blends. Starch/Staerke, 2015, 67, 1061-1069.	1.1	29
64	Highlight on the Mathematical Modeling of Controlled Free Radical Polymerization. International Journal of Polymer Science, 2015, 2015, 1-12.	1.2	7
65	Ethylene homo- and copolymerization chain-transfers: A perspective from supported (n BuCp) ₂ ZrCl ₂ catalyst active centre distribution. Journal of Chemical Sciences, 2015, 127, 717-728.	0.7	11
66	Effects of supported metallocene catalyst active center multiplicity on antioxidant-stabilized ethylene homo- and copolymers. Journal of Thermal Analysis and Calorimetry, 2015, 119, 581-595.	2.0	11
67	Non-isothermal crystallization kinetics of LLDPE prepared by in situ polymerization in the presence of nano titania. Polymer Bulletin, 2015, 72, 1233-1245.	1.7	17
68	Compatibilizing role of carbon nanotubes in poly(vinyl alcohol)/starch blend. Starch/Staerke, 2015, 67, 147-153.	1.1	41
69	Effect of graphene loading on thermomechanical properties of poly(vinyl alcohol)/starch blend. Journal of Applied Polymer Science, 2015, 132, .	1.3	70
70	Evaluation of mechanical and thermal properties of microwave irradiated poly (styrene-co-methyl Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.3	8
71	The Synthesis and Characterization of Microporous, High Surface Area Activated Carbon from Palm Seeds. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2014, 36, 93-103.	1.2	13
72	Effect of modified graphene and microwave irradiation on the mechanical and thermal properties of poly(styrene-co-methyl methacrylate)/graphene nanocomposites. Surface and Interface Analysis, 2014, 46, 630-639.	0.8	20

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73	Influence of applying microwave radiation on the LDPE/MWCNTs nanocomposite. <i>Polymer Composites</i> , 2014, 35, 2036-2042.	2.3	11
74	Natural weather aging of low density polyethylene: effect of prodegradant additive. <i>Plastics, Rubber and Composites</i> , 2014, 43, 347-353.	0.9	9
75	Effect of titanium nanofiller on the productivity and crystallinity of ethylene and propylene copolymer. <i>Journal of Polymer Engineering</i> , 2014, 34, 829-837.	0.6	2
76	Simple batch distillation of a binary mixture. <i>Computer Applications in Engineering Education</i> , 2014, 22, 649-657.	2.2	5
77	Silica-supported (n -BuCp) ₂ ZrCl ₂ : effect of catalyst active center distribution on ethylene-1-hexene copolymerization. <i>Polymer International</i> , 2014, 63, 955-972.	1.6	20
78	LDPE Filled with LLDPE/Starch Masterbatch: Rheology, Morphology and Thermal Analysis. <i>Arabian Journal for Science and Engineering</i> , 2014, 39, 8491-8498.	1.1	4
79	Preparation method and physical, mechanical, thermal characterization of poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 502	1.7	41
80	Effect of ceramic nanofiller silicon nitride on polyethylene productivity and properties. <i>Polymer Engineering and Science</i> , 2014, 54, 1941-1946.	1.5	5
81	Effect of calcium zirconate nanofiller on Polyethylene productivity and properties. <i>Journal of Polymer Research</i> , 2014, 21, 1.	1.2	3
82	Effects of supported (n BuCp) ₂ ZrCl ₂ catalyst active center multiplicity on crystallization kinetics of ethylene homo- and copolymers. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014, 45, 1982-1991.	2.7	5
83	Non-isothermal crystallization kinetics of high density polyethylene/graphene nanocomposites prepared by in-situ polymerization. <i>Thermochimica Acta</i> , 2014, 589, 226-234.	1.2	50
84	Crystallization kinetics of i -PP diblock copolymer synthesized using $\text{SiMe}_2(\text{Ind})_2$ and ZrMe_2 and MAO cocatalyst. <i>AIChE Journal</i> , 2013, 59, 200-214.	1.8	22
85	Natural weather ageing of the low density polyethylene: Effect of polystarch N. <i>Journal of Applied Polymer Science</i> , 2013, 127, 1122-1127.	1.3	12
86	Effects of Supported (n -BuCp) ₂ ZrCl ₂ Catalyst Active-Center Distribution on Ethylene-1-Hexene Copolymer Backbone Heterogeneity and Thermal Behaviors. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 9359-9373.	1.8	18
87	Crystallization analysis fractionation of poly(ethylene-co-styrene) produced by metallocene catalysts. <i>Polymer Bulletin</i> , 2013, 70, 2645-2656.	1.7	9
88	Aging of low density polyethylene in natural weather, underground soil aging and sea water: Effect of a starch-based prodegradant additive. <i>Polymer Engineering and Science</i> , 2013, 53, 2389-2397.	1.5	11
89	Natural weather, soil burial and sea water ageing of low density polyethylene: Effect of starch/linear low density polyethylene masterbatch. <i>Journal of Applied Polymer Science</i> , 2013, 129, 449-457.	1.3	11
90	Understanding Tantalum-Catalyzed Ethylene Trimerization: When Things Go Wrong. <i>ACS Catalysis</i> , 2013, 3, 1360-1364.	5.5	20

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91	Natural weather ageing of starch/polyvinyl alcohol blend: effect of glycerol content. Journal of Polymer Engineering, 2013, 33, 257-263.	0.6	12
92	Heterogeneity of laser-irradiated films of polyvinyl alcohol/starch blends: effect of glycerol content. Surface and Interface Analysis, 2013, 45, 1047-1051.	0.8	6
93	Surface Microstructure Study of Polyethylene Blends for Developing Environmental Degradable Plastic Bags. Journal of Chemical Engineering, 2013, 27, 8-11.	0.1	0
94	Radical Group Degradation Study of Linear Low Density Polyethylene for Developing Environmentally Degradable Plastic Bags. Journal of Chemical Engineering, 2013, 27, 74-77.	0.1	2
95	Thermal Effect of Ceramic Nanofiller Aluminium Nitride on Polyethylene Properties. Journal of Nanomaterials, 2012, 2012, 1-7.	1.5	12
96	Effects of a vanadium post-metallocene catalyst-induced polymer backbone inhomogeneity on UV oxidative degradation of the resulting polyethylene film. Polymer Degradation and Stability, 2012, 97, 1164-1177.	2.7	16
97	Effect of Mn doped-titania on the activity of metallocene catalyst by in situ ethylene polymerization. Journal of Industrial and Engineering Chemistry, 2012, 18, 1836-1840.	2.9	11
98	Reinforcement of starch/polyvinyl alcohol blend using nano-titanium dioxide. Journal of Composite Materials, 2012, 46, 3181-3187.	1.2	57
99	Changes in Melting Behaviors of a Residual Catalyst-Cum-UV Degraded Polyethylene Film: A New Insight Through Experiment and Modeling. Current Catalysis, 2012, 1, 2-13.	0.5	2
100	Studies on compatibility of biodegradable starch/polyvinyl alcohol blends. Polymer Engineering and Science, 2012, 52, 2167-2172.	1.5	61
101	Natural rubber nanocomposites with functionalized carbon nanotubes: Mechanical, dynamic mechanical, and morphology studies. Journal of Applied Polymer Science, 2012, 125, E76.	1.3	47
102	Effect of aluminium nitride on the properties of polyethylene obtained by In situ polymerization using Ni(II) diimine complex. Macromolecular Research, 2012, 20, 772-775.	1.0	11
103	Easy one-pot method to control the morphology of polyethylene/carbon nanotube nanocomposites using metallocene catalysts. Journal of Polymer Research, 2012, 19, 1.	1.2	20
104	Effect of glycerol on thermal and mechanical properties of polyvinyl alcohol/starch blends. Journal of Applied Polymer Science, 2012, 123, 135-142.	1.3	73
105	Effect of phenol functionalization of carbon nanotubes on properties of natural rubber nanocomposites. Journal of Applied Polymer Science, 2012, 124, 2370-2376.	1.3	28
106	Electrical properties of natural rubber nanocomposites: effect of 1-octadecanol functionalization of carbon nanotubes. Journal of Materials Science, 2012, 47, 3344-3349.	1.7	60
107	Changes in Melting Behaviors of a Residual Catalyst-Cum-UV Degraded Polyethylene Film: A New Insight Through Experiment and Modeling. Current Catalysis, 2012, 1, 2-13.	0.5	3
108	Stochastic model for living radical polymerisation of styrene initiated by epoxide radical ring opening. Canadian Journal of Chemical Engineering, 2011, 89, 384-391.	0.9	1

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109	Effect of acid treated carbon nanotubes on mechanical, rheological and thermal properties of polystyrene nanocomposites. <i>Composites Part B: Engineering</i> , 2011, 42, 1554-1561.	5.9	79
110	Thermal and Mechanical Properties of Polyethylene/Doped-TiO ₂ Nanocomposites Synthesized Using In Situ Polymerization. <i>Journal of Nanomaterials</i> , 2011, 2011, 1-6.	1.5	26
111	Removal of Chromium (III) from Water by Using Modified and Nonmodified Carbon Nanotubes. <i>Journal of Nanomaterials</i> , 2010, 2010, 1-9.	1.5	78
112	Radiation Vulcanization of Natural Rubber Latex Loaded with Carbon Nanotubes. Fullerenes Nanotubes and Carbon Nanostructures, 2010, 18, 56-71.	1.0	17
113	Dynamic Monte Carlo Simulation of ATRP in a Batch Reactor. <i>Macromolecular Theory and Simulations</i> , 2009, 18, 307-316.	0.6	39
114	Gradient Copolymers by ATRP in Semibatch Reactors: Dynamic Monte Carlo Simulation. <i>Macromolecular Reaction Engineering</i> , 2009, 3, 148-159.	0.9	39
115	Concentration Dependence of Moisture Diffusivity in Aluminum Particle Filled Epoxy Adhesive in Salt Solutions. <i>Journal of Adhesion</i> , 2007, 83, 183-194.	1.8	4
116	Atom transfer radical polymerization (ATRP) of styrene and acrylonitrile with monofunctional and bifunctional initiators. <i>Polymer</i> , 2007, 48, 1954-1961.	1.8	29
117	Atom-transfer radical polymerization of styrene with bifunctional and monofunctional initiators: Experimental and mathematical modeling results. <i>Journal of Polymer Science Part A</i> , 2007, 45, 2212-2224.	2.5	29
118	Dynamic Monte Carlo Simulation of ATRP with Bifunctional Initiators. <i>Macromolecular Reaction Engineering</i> , 2007, 1, 95-105.	0.9	33
119	Mathematical Modeling of Atom-Transfer Radical Copolymerization. <i>Macromolecular Reaction Engineering</i> , 2007, 1, 468-479.	0.9	27
120	Moisture diffusion into epoxy adhesive: testing and modeling. <i>Adsorption</i> , 2007, 13, 115-120.	1.4	20
121	Testing and Modeling of Moisture Diffusion Into Aluminum Particle Filled Epoxy Adhesive. , 2007, , 811-812.		0
122	Dynamic Monte Carlo Simulation of Graft Copolymers Made with ATRP and Metallocene Catalysts. <i>Macromolecular Symposia</i> , 2006, 243, 83-90.	0.4	12
123	Modeling of Atom Transfer Radical Polymerization with Bifunctional Initiators: Diffusion Effects and Case Studies. <i>Macromolecular Chemistry and Physics</i> , 2006, 207, 469-483.	1.1	21
124	Dynamic Monte Carlo Simulation of Atom-Transfer Radical Polymerization. <i>Macromolecular Materials and Engineering</i> , 2006, 291, 993-1003.	1.7	57
125	Mathematical Modeling of Atom-Transfer Radical Polymerization Using Bifunctional Initiators. <i>Macromolecular Theory and Simulations</i> , 2006, 15, 198-214.	0.6	18
126	Moisture diffusion into aluminum powder-filled epoxy adhesive in sodium chloride solutions. <i>International Journal of Adhesion and Adhesives</i> , 2005, 25, 337-341.	1.4	35

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127	Influence of water immersion on the single-lap shear strength of aluminum joints bonded with aluminum-powder-filled epoxy adhesive. Journal of Adhesion Science and Technology, 2004, 18, 1699-1710.	1.4	15
128	Effect Of Starch Addition On The Properties Of Low Density Polyethylene For Developing Environmentally Degradable Plastic Bags. Journal of Chemical Engineering, 0, 26, 38-40.	0.1	5
129	Laser-induced modifications of polyvinyl alcohol/starch blends. Radiation Effects and Defects in Solids, 0, , 1-9.	0.4	0