Abdel-Azim A Abdel-Azim

List of Publications by Year
in descending order

68 papers	1,339 citations	331670 21 h-index	414414 32 g-index
69 all docs	69 docs citations	69 times ranked	893 citing authors

#	Article	IF	Citations
1	Corrosion inhibition efficiency of water soluble ethoxylated trimethylol propane by gravimetric analysis. Egyptian Journal of Petroleum, 2014, 23, 15-20.	2.6	11
2	Some Sugar Fatty Ester Ethoxylates as Demulsifiers for Petroleum Sludge. Journal of Surfactants and Detergents, 2013, 16, 377-387.	2.1	11
3	Synthesis and Evaluation of Some Polymers as Lubricating Oil Additives. Journal of Dispersion Science and Technology, 2012, 33, 668-675.	2.4	11
4	Multifunctional Lube Oil Additives Based on Octadecene-Maleic Anhydride Copolymer. Petroleum Science and Technology, 2011, 29, 97-107.	1.5	18
5	Demulsifier systems applied to breakdown petroleum sludge. Journal of Petroleum Science and Engineering, 2011, 78, 364-370.	4.2	50
6	Surface Properties and Thermodynamic Parameters of Some Sugarâ€Based Ethoxylated Amine Surfactants: 1â€"Synthesis, Characterization, and Demulsification Efficiency. Journal of Surfactants and Detergents, 2011, 14, 113-121.	2.1	19
7	Swelling and network parameters of crosslinked porous octadecyl acrylate copolymers as oil spill sorbers. E-Polymers, 2009, 9, .	3.0	4
8	Fast responsive poly(acrylic acidâ€coâ€Nâ€isopropyl acrylamide) hydrogels based on new crosslinker. Journal of Applied Polymer Science, 2009, 112, 114-122.	2.6	20
9	Synthesis and Evaluation of Some Polymeric Compounds as Pour Point Depressants and Viscosity Index Improvers for Lube Oil. Petroleum Science and Technology, 2008, 26, 1390-1402.	1.5	20
10	Synthesis and Characterization of Novel Crude Oil Dispersants Based on Ethoxylated Schiff Base. International Journal of Polymeric Materials and Polymeric Biomaterials, 2008, 57, 860-877.	3.4	10
11	Synthesis and Characterization of Porous Crosslinked Copolymers for Oil Spill Sorption. E-Polymers, 2007, 7, .	3.0	4
12	Synthesis and Evaluation of Some Detergent/Dispersant Additives for Lube Oil. International Journal of Polymeric Materials and Polymeric Biomaterials, 2007, 57, 114-124.	3.4	13
13	Mechanical characterization and chemical resistances of cured unsaturated polyester resins modified with vinyl ester resins based on recycled poly(ethylene terephthalate). Journal of Applied Polymer Science, 2007, 103, 3175-3182.	2.6	8
14	New epoxy resins based on recycled poly(ethylene terephthalate) as organic coatings. Progress in Organic Coatings, 2007, 58, 13-22.	3.9	71
15	Synthesis and Evaluation of Detergent/Dispersant Additives from Polyisobutylene Succinimides. International Journal of Polymeric Materials and Polymeric Biomaterials, 2006, 55, 703-713.	3.4	16
16	Crosslinked reactive macromonomers based on polyisobutylene and octadecyl acrylate copolymers as crude oil sorbers. Reactive and Functional Polymers, 2006, 66, 931-943.	4.1	79
17	Surfactants from Recycled Poly (ethylene terephthalate) Waste as Water Based Oil Spill Dispersants. Journal of Polymer Research, 2006, 13, 39-52.	2.4	36
18	Swelling and Network Parameters of Oil Sorbers Based on Alkyl Acrylates and Cinnamoyloxy Ethyl Methacrylate Copolymers. Journal of Polymer Research, 2006, 13, 257-266.	2.4	41

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19	Curable resins based on recycled poly(ethylene terephthalate) for coating applications. Progress in Organic Coatings, 2006, 55, 50-59.	3.9	43
20	Compressive Properties and Curing Behaviour of Unsaturated Polyester Resins in the Presence of Vinyl Ester Resins Derived from Recycled Poly(ethylene terephthalate). Journal of Polymer Research, 2005, 12, 373-383.	2.4	42
21	Crosslinked cinnamoyloxyethyl methacrylate and isooctyl acrylate copolymers as oil sorbers. Polymer International, 2005, 54, 1088-1096.	3.1	66
22	Preparation and Evaluation of Acrylate Polymers as Viscosity Index Improvers for Lube Oil. Petroleum Science and Technology, 2005, 23, 537-546.	1.5	38
23	Nonionic surfactants from poly(ethylene terephthalate) waste: I. Influence of structural variations on the surface activity. International Journal of Polymeric Materials and Polymeric Biomaterials, 2002, 51, 813-822.	3.4	7
24	Nonionic surfactants from poly(ethylene terephthalate) waste: II. Effect of temperature, salinity, pH-value, and solvents on the demulsification efficiency. International Journal of Polymeric Materials and Polymeric Biomaterials, 2002, 51, 265-274.	3.4	1
25	Polymeric additives for improving the flow properties and viscosity index of lubricating oils. Journal of Polymer Research, 2001, 8, 111-118.	2.4	27
26	Surfactants Based on Recycled Poly(Ethylene Terephthalate) for Breaking Water-in-Oil Emulsions. High Performance Polymers, 2001, 13, S365-S371.	1.8	1
27	POLYOXYALKYLENATED AMINES FOR BREAKING OF WATER-IN-OIL EMULSIONS STABILIZED BY ASPHALTENES AND CLAY. Petroleum Science and Technology, 2000, 18, 1009-1025.	1.5	20
28	Synthesis of polymeric hydrogels containing sulfonate group. Polymers for Advanced Technologies, 1999, 10, 187-194.	3.2	14
29	Polyoxyalkylenated amines for breaking water-in-oil emulsions: effect of structural variations on the demulsification efficiency. Polymers for Advanced Technologies, 1998, 9, 159-166.	3.2	42
30	Preparation and properties of two-component hydrogels based on 2-acrylamido-2-methylpropane sulphonic acid. Polymers for Advanced Technologies, 1998, 9, 282-289.	3.2	34
31	Effect of crosslinker functionality on swelling and network parameters of copolymeric hydrogels. Polymers for Advanced Technologies, 1998, 9, 340-348.	3.2	33
32	Miscibility of polystyrene with poly(ethylene oxide) and poly(ethylene glycol). Journal of Applied Polymer Science, 1998, 69, 1471-1482.	2.6	14
33	Estimation of the compatibility of poly(ethylene glycol)/poly(ethylene oxide) blends from dilute solution viscosity measurements. Polymer, 1998, 39, 2543-2549.	3.8	23
34	Determination of intrinsic viscosity of polymeric compounds through a single specific viscosity measurement. Polymer, 1998, 39, 6827-6833.	3.8	74
35	Recycled Flexible Resins in Concrete. Polymer Journal, 1997, 29, 21-24.	2.7	31
36	Polyoxyethylenated Bisphenol-A for Breaking Water-in-oil Emulsions. Polymers for Advanced Technologies, 1996, 7, 805-808.	3.2	11

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37	Unsaturated polyester resins from poly(ethylene terephthalate) waste for polymer concrete. Polymer Engineering and Science, 1996, 36, 2973-2977.	3.1	23
38	Synthesis and characterization of some novel unsaturated polyester resins containing amide groups. Polymer Bulletin, 1995, 34, 377-383.	3.3	5
39	Mechanical properties and curing characteristics of unsaturated polyesters synthesized for large casting. Polymer Bulletin, 1995, 35, 229-236.	3.3	12
40	Making polymer concrete and polymer mortar using synthesized unsaturated polyester resins from poly(ethylene terephthalate) waste. Polymers for Advanced Technologies, 1995, 6, 688-692.	3.2	15
41	Characterization of Some Aliphatic Unsaturated Polyesters Synthesized for Gigantic Castings. Polymer-Plastics Technology and Engineering, 1995, 34, 79-95.	1.9	11
42	Unsaturated Polyester for Large Castings. Polymer Journal, 1994, 26, 423-429.	2.7	17
43	Soda-lime-silica glass for radiation dosimetry. Medical Physics, 1994, 21, 1085-1089.	3.0	22
44	Synthesis of unsaturated polyester resins for large sized composites. Polymers for Advanced Technologies, 1994, 5, 269-274.	3.2	21
45	Evaluation of unperturbed polymer dimensions from intrinsic viscosity in non-ideal solvents. Macromolecular Chemistry and Physics, 1994, 195, 159-166.	2.2	14
46	Chain expansion factor and its influence on the viscosity slope constant. Macromolecular Rapid Communications, 1994, 15, 183-188.	3.9	8
47	Excluded volume and lattice co-ordination number for solutions of polystyrene in mixed solvents. Die Makromolekulare Chemie Rapid Communications, 1993, 14, 339-343.	1.1	4
48	Excluded volume and hydrodynamic properties of polystyrene in non-ideal solvents. Polymer Bulletin, 1993, 30, 579-586.	3.3	8
49	Solution Properties of Poly(vinylpyrrolidone) in Cosolvent Systems. Polymer Journal, 1993, 25, 671-677.	2.7	12
50	The effect of curing conditions on the physical and mechanical properties of styrenated polyester. Polymers for Advanced Technologies, 1992, 3, 407-411.	3.2	11
51	Flexibility and hydrodynamic properties of poly(vinylpyrrolidone) in non-ideal solvents. Polymer Bulletin, 1992, 29, 461-467.	3.3	7
52	Thermodynamics of liquid mixtures studied by light scattering. Thermochimica Acta, 1991, 181, 237-251.	2.7	3
53	Thermodynamics of miscible polymer blends studied by inverse gas chromatography. Makromolekulare Chemie Macromolecular Symposia, 1990, 38, 205-220.	0.6	17
54	Fluorescence properties of surface-active styrylcyanine molecular rotors. Journal of Photochemistry and Photobiology A: Chemistry, 1988, 44, 161-169.	3.9	11

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55	Radiolysis of 2-acetylfuran in 2-propanol in absence of atmospheric oxygen. Journal of Radioanalytical and Nuclear Chemistry, 1988, 125, 485-492.	1.5	0
56	Light scattering of liquids and liquid mixtures. 2. Thermodynamics of benzene-cyclohexane mixtures. The Journal of Physical Chemistry, 1988, 92, 2663-2668.	2.9	22
57	Use of bromothymol blue solutions as a spectrophotometric dosimeter. International Journal of Radiation Applications and Instrumentation Nuclear Tracks and Radiation Measurements, 1987, 30, 209-214.	0.0	1
58	Radiolysis of 2-pentanoylfuran in 2-propanol. Journal of Radioanalytical and Nuclear Chemistry, 1987, 116, 133-140.	1.5	0
59	Solution properties of polystyrene in cosolvent systems. Polymer, 1986, 27, 1406-1409.	3.8	14
60	Interaction parameters in ternary polystyrene solutions at high temperature. Polymer, 1984, 25, 803-807.	3.8	17
61	Interaction parameters in polystyrene-tetralin-cyclohexane solutions. European Polymer Journal, 1984, 20, 329-331.	5.4	2
62	Selective solvation of polystyrene in tetralin/cyclohexane mixtures. Polymer, 1983, 24, 1308-1312.	3.8	17
63	Viscometric behaviour of polystyrene in tetralin/cyclohexane mixtures. Polymer, 1983, 24, 1429-1433.	3.8	21
64	Unperturbed dimensions of polystyrene in mixed solvents at high temperature. European Polymer Journal, 1982, 18, 735-739.	5.4	14
65	Lattice co-ordination number for solutions of polystyrene in binary solvents. Die Makromolekulare Chemie Rapid Communications, 1982, 3, 437-442.	1.1	11
66	Lattice coordination number in polystyrene solutions. Polymer, 1982, 23, 1859-1861.	3.8	11
67	Viscosity slope constants and chain expansion factors for polystyrene in binary solvents. Die Makromolekulare Chemie Rapid Communications, 1981, 2, 119-125.	1.1	18
68	Surface and catalytic characteristics of thermally and chemically activated bentonite catalysts used in the polymerization of styrene. Journal of Catalysis, 1978, 53, 175-185.	6.2	6