

# Mahmoud Abd El-Ghaffar

## List of Publications by Year in descending order

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37  
papers

749  
citations

567144

15  
h-index

526166

27  
g-index

38  
all docs

38  
docs citations

38  
times ranked

947  
citing authors

#	ARTICLE	IF	CITATIONS
1	pH-sensitive sodium alginate hydrogels for riboflavin controlled release. <i>Carbohydrate Polymers</i> , 2012, 89, 667-675.	5.1	140
2	Extraction and separation studies of silver(I) and copper(II) from their aqueous solution using chemically modified melamine resins. <i>Hydrometallurgy</i> , 2009, 96, 27-34.	1.8	108
3	Chitosan and its amino acids condensation adducts as reactive natural polymer supports for cellulase immobilization. <i>Carbohydrate Polymers</i> , 2010, 81, 507-516.	5.1	41
4	Radiation-induced graft polymerization of acrylic acid onto fluorinated polymers. II. Graft copolymer-metal complexes obtained by radiation grafting onto poly(tetrafluoroethylene-ethylene) copolymer. <i>Journal of Polymer Science Part A</i> , 1993, 31, 527-533.	2.5	38
5	Radiation-induced graft polymerization of acrylic acid onto fluorinated polymers. I. Kinetic study on the grafting onto poly(tetrafluoroethylene-ethylene) copolymer. <i>Journal of Polymer Science Part A</i> , 1992, 30, 1969-1976.	2.5	37
6	Enhanced Remediation of Reactive Black 5 from Aqueous Media Using New Chitosan Ion Exchangers. <i>Journal of Dispersion Science and Technology</i> , 2013, 34, 1008-1019.	1.3	30
7	Maleic diamides as photostabilizers for polystyrene. <i>Journal of Industrial and Engineering Chemistry</i> , 2013, 19, 1869-1878.	2.9	29
8	High performance anti-corrosive powder coatings based on phosphate pigments containing poly(o-aminophenol). <i>Progress in Organic Coatings</i> , 2015, 78, 42-48.	1.9	25
9	Physical properties of graft copolymer-metal complexes obtained by radiation grafting onto poly(tetrafluoroethylene-co-perfluorovinyl ether). <i>European Polymer Journal</i> , 1992, 28, 835-840.	2.6	22
10	Immobilization of $\alpha$ -amylase onto chitosan and its amino acid condensation adducts. <i>Journal of Applied Polymer Science</i> , 2009, 112, 805-814.	1.3	22
11	Calcium alginate beads encapsulated PMMA-g-CS nano-particles for $\alpha$ -chymotrypsin immobilization. <i>Carbohydrate Polymers</i> , 2013, 92, 2095-2102.	5.1	22
12	Glucoside derivatives as novel photostabilizers for rigid PVC. <i>Angewandte Makromolekulare Chemie</i> , 1999, 271, 93-100.	0.3	21
13	Synthesis, Characterization, and Evaluation of Ethoxylated Lauryl-Myristyl Alcohol Nonionic Surfactants as Wetting Agents, Anti-Foamers, and Minimum Film Forming Temperature Reducers in Emulsion Polymer Lattices. <i>Journal of Surfactants and Detergents</i> , 2017, 20, 117-128.	1.0	20
14	Preparation and antimicrobial activity of poly (vinyl chloride)/gelatin/montmorillonite biocomposite films. <i>Journal of Materials Science: Materials in Medicine</i> , 2011, 22, 2545-2553.	1.7	18
15	Preparation and evaluation of some benzophenone terpolymers as photostabilizers for rigid PVC. <i>Journal of Vinyl and Additive Technology</i> , 2011, 17, 147-155.	1.8	17
16	Graphene oxide with covalently attached zinc monoamino-phthalocyanine coated graphite electrode as a potentiometric platform for citrate sensing in pharmaceutical preparations. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 2141-2154.	1.2	14
17	Evaluation of Some Polyaromatic Amines as Antirads and Antifatigue Agents in SBR Vulcanizates. <i>International Journal of Polymer Analysis and Characterization</i> , 2005, 10, 57-69.	0.9	13
18	Aliphatic polyamidoamine hyperbranched polymers/layered silicate nanocomposites. <i>Journal of Applied Polymer Science</i> , 2010, 118, 525-537.	1.3	13

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19	Preparation of Fatâ€Liquor Based on Jojoba Oil Under Phase Transfer Catalysis. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2011, 88, 1239-1246.	0.8	13
20	Biodegradable polymeric microcapsules for sustained release of riboflavin. <i>International Journal of Biological Macromolecules</i> , 2016, 92, 708-714.	3.6	13
21	Preparation and characterization of highly hydrophobic magnetic polyaniline nanocomposite for fast and efficient separation of diesel oil from seawater. <i>Materials Research Bulletin</i> , 2016, 84, 7-14.	2.7	13
22	Utilisation of maleic anhydride and epoxidised soyabean oil as compatibilisers for NBR/EPDM blends reinforced with modified and unmodified polypropylene fibres. <i>Pigment and Resin Technology</i> , 2005, 34, 203-217.	0.5	10
23	Preparation and characterization of polystyrene and styrene-butyl acrylate copolymer latices. <i>European Polymer Journal</i> , 1997, 33, 537-541.	2.6	9
24	Effect of Kenaf Fibres on the Properties of Natural Rubber Vulcanizates. <i>Polymers and Polymer Composites</i> , 2001, 9, 549-560.	1.0	9
25	Phthalocyanine/laponite nanocomposites as multifunction additives for stabilization of polymeric materials. <i>Journal of Applied Polymer Science</i> , 2008, 108, 3225-3232.	1.3	8
26	Synthesis of glycidyl methacrylate containing diethanol amine and its binary copolymers with ethyl methacrylate and butyl methacrylate as nanoâ€size chelating resins for removal of heavy metal ions. <i>Journal of Applied Polymer Science</i> , 2010, 115, 3063-3073.	1.3	7
27	Electric studies on some metal biphthalocyanine complexes. <i>Thermochimica Acta</i> , 1991, 178, 257-262.	1.2	6
28	Natural rubber base matrix containing <i>Calendula officinalis</i> plant as a source of molluscicidal saponin. <i>Journal of Controlled Release</i> , 1999, 57, 1-7.	4.8	5
29	Modification of leather properties by grafting. I. Effect of monomer chain on the physico-mechanical properties of grafted leather. <i>Journal of Applied Polymer Science</i> , 2003, 89, 1478-1483.	1.3	5
30	Synthesis and characterization of some chelating polymers bearing maleic acid and/or sodium maleate moieties for removal of some toxic heavy metal ions. <i>Clean Technologies and Environmental Policy</i> , 2013, 15, 1013-1021.	2.1	5
31	Preparation and characterisation of high performance yellow anticorrosive phosphomolybdate pigments. <i>Pigment and Resin Technology</i> , 2006, 35, 22-29.	0.5	3
32	Synthesis and characterization of binary copolymers of methyl methacrylate with glycidyl methacrylate and 2â€hydroxy ethyl methacrylate as carriers for cellulase. <i>Journal of Applied Polymer Science</i> , 2010, 117, 629-638.	1.3	3
33	Coating Effect of Trimedlure and Methyl Eugenol by Some Polymers on Male Attraction of the Mediterranean Fruit Fly and Peach Fruit Fly Under Field Conditions. <i>Egyptian Journal of Chemistry</i> , 2017, 60, 5-8.	0.1	3
34	Polyaniline Hydrochloride for a Novel Application: Accelerator and Filler for Phenol-Formaldehyde Resin. <i>Journal of Adhesion Science and Technology</i> , 2012, 26, 1093-1108.	1.4	2
35	Polyester condensation adducts as novel photo stabilizers for polystyrene. <i>Journal of Vinyl and Additive Technology</i> , 2013, 19, 293-301.	1.8	2
36	Amino acids combined chitosan nanoparticles for controlled release of Doxorubicin hydrochloride. <i>Egyptian Journal of Chemistry</i> , 2017, .	0.1	2

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37	Preparation and physicochemical characterization of $(Al_{1-x}Cr_x)_2O_3$ solid solutions as inorganic green pigments. <i>Dyes and Pigments</i> , 1991, 15, 299-306.	2.0	1