

# Magdy Y Abdelaal

## List of Publications by Citations

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29  
papers

646  
citations

13  
h-index

25  
g-index

31  
ext. papers

710  
ext. citations

3.6  
avg, IF

4.07  
L-index

#	Paper	IF	Citations
29	Preparation and characterization of multi-walled carbon nanotubes/chitosan nanocomposite and its application for the removal of heavy metals from aqueous solution. <i>Journal of Alloys and Compounds</i> , <b>2011</b> , 509, 2582-2587	5.7	161
28	Novel Pd/TiO <sub>2</sub> nanocomposite prepared by modified sol-gel method for photocatalytic degradation of methylene blue dye under visible light irradiation. <i>Journal of Alloys and Compounds</i> , <b>2013</b> , 576, 201-207	5.7	86
27	Chitosan-based interpolymeric pH-responsive hydrogels for in vitro drug release. <i>Journal of Applied Polymer Science</i> , <b>2007</b> , 103, 2864-2874	2.9	55
26	Chemical modification of Chitosan for metal ion removal. <i>Arabian Journal of Chemistry</i> , <b>2014</b> , 7, 741-746	5.9	52
25	Chemical transformation of pet waste through glycolysis. <i>Construction and Building Materials</i> , <b>2011</b> , 25, 3267-3271	6.7	40
24	Chitosan based atorvastatin nanocrystals: effect of cationic charge on particle size, formulation stability, and in-vivo efficacy. <i>International Journal of Nanomedicine</i> , <b>2015</b> , 10, 321-34	7.3	29
23	Enantioselective allylation of N-(trimethylsilyl)benzaldehyde imine using polymer-supported chiral allylboron reagents. <i>Tetrahedron: Asymmetry</i> , <b>1997</b> , 8, 1731-1734		24
22	Electrosynthesis and protection role of polyaniline/polyvinylalcohol composite on stainless steel. <i>Progress in Organic Coatings</i> , <b>2014</b> , 77, 403-411	4.8	22
21	Chemical Degradation of Poly(Ethylene Terephthalate). <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , <b>2008</b> , 57, 73-80	3	20
20	Carrier-mediated blends of Chitosan with polyvinyl chloride for different applications. <i>Journal of Saudi Chemical Society</i> , <b>2013</b> , 17, 245-250	4.3	19
19	Environmental remediation from thiophene solution by photocatalytic oxidation using a Pd/ZrO <sub>2</sub> /chitosan nanocomposite. <i>Ceramics International</i> , <b>2014</b> , 40, 7693-7699	5.1	17
18	Modification of chitosan derivatives of environmental and biological interest: a green chemistry approach. <i>International Journal of Biological Macromolecules</i> , <b>2013</b> , 55, 231-9	7.9	14
17	Reaction of crosslinked chloromethylated polystyrene with 4-hydroxybenzaldehyde under phase transfer-catalyzed conditions. <i>Polymer</i> , <b>1999</b> , 40, 233-241	3.9	14
16	Asymmetric reactions on polymers: diastereoselective allylation of polymer-supported chiral imines. <i>New Journal of Chemistry</i> , <b>1998</b> , 22, 775-777	3.6	13
15	Multi-walled Carbon Nanotubes/Unsaturated Polyester Composites: Mechanical and Thermal Properties Study. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , <b>2014</b> , 22, 820-833	1.8	12
14	ELECTROCHEMICAL POLYMERIZATION OF NAPHTHOLS IN AQUEOUS MEDIUM. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , <b>2005</b> , 54, 151-159	3	9
13	Racemic resolution of mandelic acid on polymers with chiral cavities. 3. Co-operative binding over phenylboronic acid groups and N-bases. <i>Reactive &amp; Functional Polymers</i> , <b>1989</b> , 11, 57-70		9

12	Development and validation of a RP-HPLC method for assay of Atorvastatin and its application in dissolution studies on thermosensitive hydrogel-based nanocrystals. <i>Tropical Journal of Pharmaceutical Research</i> , <b>2014</b> , 13, 1681	0.8	8
11	Chemical modification of PVC into polymer-supported oxazolinones and triazoles. <i>Journal of Applied Polymer Science</i> , <b>2007</b> , 104, 2304-2309	2.9	7
10	Photocatalytic Degradation of Methylene Blue Dye in Water Using Pt/ZnO-MWCNT Under Visible Light. <i>Nanoscience and Nanotechnology Letters</i> , <b>2017</b> , 9, 144-150	0.8	7
9	Chromophoric thin film based on cellulose triacetate blends for sensing metal ions. <i>Comptes Rendus Chimie</i> , <b>2014</b> , 17, 557-562	2.7	5
8	Utilization of cellulose-triacetate-blended membranes for carrier-mediated transport of some metal ions. <i>Journal of Applied Polymer Science</i> , <b>2001</b> , 82, 2008-2015	2.9	5
7	Synthesis and characterization of polydi(3,4-dihydro-2H-pyran-2-methyl) adipate hydrogel. <i>Polymer Bulletin</i> , <b>1996</b> , 36, 273-278	2.4	5
6	The role and utilization of tetrachlorosilane/ethanol reagent in the crosslinking of poly(p-vinylacetophenone). <i>Angewandte Makromolekulare Chemie</i> , <b>1995</b> , 233, 15-21		4
5	Chemical Modification of Poly(Vinyl Chloride) with Ethylene Glycol and its Application in Ion-Chromatography. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , <b>2006</b> , 55, 477-484	3	3
4	Polysulfone/wood flour/organoclay hybrid nanocomposites as efficient eco-friendly materials. <i>Composite Interfaces</i> , <b>2020</b> , 27, 717-736	2.3	3
3	Synthesis of novel ladder polymers of poly(3,4-dihydro-2H-pyran-2-methanol). <i>Journal of Polymer Science Part A</i> , <b>2002</b> , 40, 3909-3915	2.5	1
2	Synthesis of chitosan nanocomposites for controlled release applications. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 168, 769-774	7.9	1
1	Utilization of Urea- and Melamine-Formaldehyde Resin Wastes as Reinforcing Materials. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , <b>2009</b> , 58, 647-653	3	