

Magdy Y Abdelaal

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Synthesis of chitosan nanocomposites for controlled release applications. <i>International Journal of Biological Macromolecules</i> , 2021 , 168, 769-774	7.9	1
28	Polysulfone/wood flour/organoclay hybrid nanocomposites as efficient eco-friendly materials. <i>Composite Interfaces</i> , 2020 , 27, 717-736	2.3	3
27	Photocatalytic Degradation of Methylene Blue Dye in Water Using Pt/ZnO-MWCNT Under Visible Light. <i>Nanoscience and Nanotechnology Letters</i> , 2017 , 9, 144-150	0.8	7
26	Chitosan based atorvastatin nanocrystals: effect of cationic charge on particle size, formulation stability, and in-vivo efficacy. <i>International Journal of Nanomedicine</i> , 2015 , 10, 321-34	7.3	29
25	Environmental remediation from thiophene solution by photocatalytic oxidation using a Pd/ZrO ₂ /chitosan nanocomposite. <i>Ceramics International</i> , 2014 , 40, 7693-7699	5.1	17
24	Multi-walled Carbon Nanotubes/Unsaturated Polyester Composites: Mechanical and Thermal Properties Study. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2014 , 22, 820-833	1.8	12
23	Electrosynthesis and protection role of polyaniline/polyvinylalcohol composite on stainless steel. <i>Progress in Organic Coatings</i> , 2014 , 77, 403-411	4.8	22
22	Chromophoric thin film based on cellulose triacetate blends for sensing metal ions. <i>Comptes Rendus Chimie</i> , 2014 , 17, 557-562	2.7	5
21	Chemical modification of Chitosan for metal ion removal. <i>Arabian Journal of Chemistry</i> , 2014 , 7, 741-746	5.9	52
20	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> , 2014 , 13, 1681	0.8	8
19	Modification of chitosan derivatives of environmental and biological interest: a green chemistry approach. <i>International Journal of Biological Macromolecules</i> , 2013 , 55, 231-9	7.9	14
18	Carrier-mediated blends of Chitosan with polyvinyl chloride for different applications. <i>Journal of Saudi Chemical Society</i> , 2013 , 17, 245-250	4.3	19
17	Novel Pd/TiO ₂ 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> , 2013 , 576, 201-207	5.7	86
16	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> , 2011 , 509, 2582-2587	5.7	161
15	Chemical transformation of pet waste through glycolysis. <i>Construction and Building Materials</i> , 2011 , 25, 3267-3271	6.7	40
14	Utilization of Urea- and Melamine-Formaldehyde Resin Wastes as Reinforcing Materials. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2009 , 58, 647-653	3	
13	Chemical Degradation of Poly(Ethylene Terephthalate). <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2008 , 57, 73-80	3	20

12	Chitosan-based interpolymeric pH-responsive hydrogels for in vitro drug release. <i>Journal of Applied Polymer Science</i> , 2007 , 103, 2864-2874	2.9	55
11	Chemical modification of PVC into polymer-supported oxazolinones and triazoles. <i>Journal of Applied Polymer Science</i> , 2007 , 104, 2304-2309	2.9	7
10	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> , 2006 , 55, 477-484	3	3
9	ELECTROCHEMICAL POLYMERIZATION OF NAPHTHOLS IN AQUEOUS MEDIUM. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2005 , 54, 151-159	3	9
8	Synthesis of novel ladder polymers of poly(3,4-dihydro-2H-pyran-2-methanol). <i>Journal of Polymer Science Part A</i> , 2002 , 40, 3909-3915	2.5	1
7	Utilization of cellulose-triacetate-blended membranes for carrier-mediated transport of some metal ions. <i>Journal of Applied Polymer Science</i> , 2001 , 82, 2008-2015	2.9	5
6	Reaction of crosslinked chloromethylated polystyrene with 4-hydroxybenzaldehyde under phase transfer-catalyzed conditions. <i>Polymer</i> , 1999 , 40, 233-241	3.9	14
5	Asymmetric reactions on polymers: diastereoselective allylation of polymer-supported chiral imines. <i>New Journal of Chemistry</i> , 1998 , 22, 775-777	3.6	13
4	Enantioselective allylation of N-(trimethylsilyl)benzaldehyde imine using polymer-supported chiral allylboron reagents. <i>Tetrahedron: Asymmetry</i> , 1997 , 8, 1731-1734		24
3	Synthesis and characterization of polydi(3,4-dihydro-2H-pyran-2-methyl) adipate hydrogel. <i>Polymer Bulletin</i> , 1996 , 36, 273-278	2.4	5
2	The role and utilization of tetrachlorosilane/ethanol reagent in the crosslinking of poly(p-vinylacetophenone). <i>Angewandte Makromolekulare Chemie</i> , 1995 , 233, 15-21		4
1	Racemic resolution of mandelic acid on polymers with chiral cavities. 3. Co-operative binding over phenylboronic acid groups and N-bases. <i>Reactive & Functional Polymers</i> , 1989 , 11, 57-70		9