

Magdy Y Abdelaal

List of Publications by Year in descending order

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31
papers

777
citations

623188

14
h-index

500791

28
g-index

31
all docs

31
docs citations

31
times ranked

1120
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.8	188
2	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.	2.8	99
3	Chitosan-based interpolymeric pH-responsive hydrogels for in vitro drug release. <i>Journal of Applied Polymer Science</i> , 2007, 103, 2864-2874.	1.3	60
4	Chemical transformation of pet waste through glycolysis. <i>Construction and Building Materials</i> , 2011, 25, 3267-3271.	3.2	59
5	Chemical modification of Chitosan for metal ion removal. <i>Arabian Journal of Chemistry</i> , 2014, 7, 741-746.	2.3	58
6	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.	3.3	45
7	Enantioselective allylation of N-(trimethylsilyl)benzaldehyde imine using polymer-supported chiral allylboron reagents. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 1731-1734.	1.8	27
8	Chemical Degradation of Poly(Ethylene Terephthalate). <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2008, 57, 73-80.	1.8	27
9	Electrosynthesis and protection role of polyaniline-polyvinylalcohol composite on stainless steel. <i>Progress in Organic Coatings</i> , 2014, 77, 403-411.	1.9	25
10	Carrier-mediated blends of Chitosan with polyvinyl chloride for different applications. <i>Journal of Saudi Chemical Society</i> , 2013, 17, 245-250.	2.4	22
11	Modification of chitosan derivatives of environmental and biological interest: A green chemistry approach. <i>International Journal of Biological Macromolecules</i> , 2013, 55, 231-239.	3.6	18
12	Environmental remediation from thiophene solution by photocatalytic oxidation using a Pd/ZrO ₂ -chitosan nanocomposite. <i>Ceramics International</i> , 2014, 40, 7693-7699.	2.3	17
13	Asymmetric reactions on polymers: diastereoselective allylation of polymer-supported chiral imines. <i>New Journal of Chemistry</i> , 1998, 22, 775-777.	1.4	16
14	Reaction of crosslinked chloromethylated polystyrene with 4-hydroxybenzaldehyde under phase transfer-catalyzed conditions. <i>Polymer</i> , 1999, 40, 233-241.	1.8	14
15	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.	0.2	14
16	Multi-walled Carbon Nanotubes/Unsaturated Polyester Composites: Mechanical and Thermal Properties Study. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2014, 22, 820-833.	1.0	14
17	ELECTROCHEMICAL POLYMERIZATION OF NAPHTHOLS IN AQUEOUS MEDIUM. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2005, 54, 151-159.	1.8	13
18	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.	0.4	11

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19	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.	0.8	10
20	Chemical modification of PVC into polymer-supported oxazolinones and triazoles. <i>Journal of Applied Polymer Science</i> , 2007, 104, 2304-2309.	1.3	9
21	Chromophoric thin film based on cellulose triacetate blends for sensing metal ions. <i>Comptes Rendus Chimie</i> , 2014, 17, 557-562.	0.2	7
22	Synthesis and characterization of polydi(3,4-dihydro-2H-pyran-2-methyl) adipate hydrogel. <i>Polymer Bulletin</i> , 1996, 36, 273-278.	1.7	5
23	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.	1.3	5
24	Title is missing!. <i>Angewandte Makromolekulare Chemie</i> , 1995, 233, 15-21.	0.3	4
25	Polysulfone/wood flour/organoclay hybrid nanocomposites as efficient eco-friendly materials. <i>Composite Interfaces</i> , 2020, 27, 717-736.	1.3	4
26	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.	1.8	3
27	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
28	Synthesis of p-Phenylenediamine from 4-Nitroaniline Using Platinum Doped Lanthanum Hydroxide Nanowires. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 9851-9855.	0.9	1
29	Synthesis of chitosan nanocomposites for controlled release applications. <i>International Journal of Biological Macromolecules</i> , 2021, 168, 769-774.	3.6	1
30	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.	1.8	0
31	Synthesis and Characterization of Chitosan/Urea-Formaldehyde Hollow Resin for Metal Ion Removal. <i>Asian Journal of Chemistry</i> , 2014, 26, 7239-7244.	0.1	0