

Sayed M Badawy

List of Publications by Year in descending order

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38
papers

835
citations

516710

16
h-index

501196

28
g-index

38
all docs

38
docs citations

38
times ranked

837
citing authors

#	ARTICLE	IF	CITATIONS
1	Acid leaching of mixed spent Li-ion batteries. <i>Arabian Journal of Chemistry</i> , 2017, 10, S3632-S3639.	4.9	144
2	Cross-Linked Polyacrylonitrile Prepared by Radiation-Induced Polymerization Technique. <i>Journal of Physical Chemistry B</i> , 2003, 107, 11273-11279.	2.6	81
3	Radiation-induced grafting of glycidyl methacrylate onto cotton fabric waste and its modification for anchoring hazardous wastes from their solutions. <i>Journal of Hazardous Materials</i> , 2009, 168, 137-144.	12.4	71
4	Non-linear adsorption characteristics of modified pine wood sawdust optimised for adsorption of Cd(II) from aqueous systems. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103966.	6.7	60
5	Cloth filter for recovery of uranium from radioactive waste. <i>Radiation Physics and Chemistry</i> , 2005, 73, 125-130.	2.8	46
6	Cobalt separation from waste mobile phone batteries using selective precipitation and chelating resin. <i>Journal of Material Cycles and Waste Management</i> , 2014, 16, 739-746.	3.0	39
7	Laboratory freezing desalination of seawater. <i>Desalination and Water Treatment</i> , 2016, 57, 11040-11047.	1.0	37
8	Clinical findings and cholinesterase levels in children of organophosphates and carbamates poisoning. <i>European Journal of Pediatrics</i> , 2009, 168, 951-956.	2.7	36
9	Synthesis and characterizations of magnetite nanocomposite films for radiation shielding. <i>Polymer Composites</i> , 2017, 38, 974-980.	4.6	31
10	Synthesis, Characterization and Catalytic Activity of Cu/Cu ₂ O Nanoparticles Prepared in Aqueous Medium. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2015, 10, 169-174.	1.1	27
11	Synthesis of high-quality graphene oxide from spent mobile phone batteries. <i>Environmental Progress and Sustainable Energy</i> , 2016, 35, 1485-1491.	2.3	27
12	Chemical reactive filter paper prepared by radiation-induced graft polymerization ^{II} . <i>Radiation Physics and Chemistry</i> , 1999, 54, 627-635.	2.8	26
13	Uranium isotope enrichment by complexation with chelating polymer adsorbent. <i>Radiation Physics and Chemistry</i> , 2003, 66, 67-71.	2.8	24
14	Direct pyrolysis mass spectrometry of acrylonitrile-cellulose graft copolymer prepared by radiation-induced graft polymerization in presence of styrene as homopolymer suppressor. <i>Radiation Physics and Chemistry</i> , 2001, 61, 143-148.	2.8	23
15	Chelating polymer granules prepared by radiation-induced homopolymerization. I?Kinetic study of radiation polymerization process. <i>Journal of Applied Polymer Science</i> , 2000, 77, 1405-1412.	2.6	20
16	Preparation of a novel acrylic fiber-based hydrogel and its utilization for the removal of aqueous lead ion. <i>Journal of Materials Research and Technology</i> , 2022, 18, 1450-1459.	5.8	17
17	Chelating polymer granules prepared by radiation-induced homopolymerization. II. Characterizations. <i>Journal of Applied Polymer Science</i> , 2006, 99, 1180-1187.	2.6	15
18	Adsorption of hazardous ions from radioactive waste on chelating cloth filter. <i>Radiation Physics and Chemistry</i> , 2006, 75, 278-285.	2.8	14

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19	Experimental and kinetic modeling study of multistage freezing-melting process and salt rejection of seawater. <i>Cold Regions Science and Technology</i> , 2022, 194, 103457.	3.5	12
20	A study of snakebite envenomation cases admitted to egyptian national poisoning center. <i>Acta Medica International</i> , 2017, 4, 34.	0.2	11
21	Application of <i>Acacia modesta</i> and <i>Dalbergia sissoo</i> gums as green matrix for silver nanoparticle binding. <i>Green Processing and Synthesis</i> , 2016, 5, 101-106.	3.4	10
22	Green synthesis and characterisations of antibacterial silver-polyvinyl alcohol nanocomposite films for wound dressing. <i>Green Processing and Synthesis</i> , 2014, 3, 229-234.	3.4	9
23	Identification of Some Polymeric Materials by Low-Temperature Pyrolysis Mass Spectrometry. <i>European Journal of Mass Spectrometry</i> , 2004, 10, 613-617.	1.0	7
24	Recovery of Laminar LiCoO ₂ Materials from Spent Mobile Phone Batteries by High-Temperature Calcination. <i>Journal of Sustainable Metallurgy</i> , 2019, 5, 474-481.	2.3	7
25	A Study of Pharmaceutical Drugs Poisoning Cases Admitted to the National Poisoning Center, Kasralainy Teaching Hospital in Cairo. <i>Eurasian Journal of Emergency Medicine</i> , 2020, 19, 10-15.	0.2	5
26	Radiation polymerization of acrylonitrile in a viscous system with styrene. <i>Journal of Applied Polymer Science</i> , 2002, 84, 268-275.	2.6	4
27	Green synthesis of dual-surface nanocomposite films using Tollen's method. <i>Green Processing and Synthesis</i> , 2014, 3, 463-469.	3.4	4
28	<i>Aspergillus</i> thyroiditis: first antemortem case diagnosed by fine-needle aspiration culture in a pediatric stem cell transplant patient. <i>Transplant Infectious Disease</i> , 2015, 17, 868-871.	1.7	4
29	Optimization of reaction time for detection of organophosphorus pesticides by enzymatic inhibition assay and mathematical modeling of enzyme inhibition. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2021, 56, 142-149.	1.5	4
30	Structural Characterization of Gallbladder Stones Using Energy Dispersive X-ray Spectroscopy and X-ray Diffraction. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2018, 21, 495-500.	1.1	4
31	A study on mass spectrometry of methylated [60] fullerenes using the coin-beam-electron impact technique. <i>Journal of the American Society for Mass Spectrometry</i> , 2005, 16, 1311-1315.	2.8	3
32	Vacuum pyrolysis of polymeric wastes containing hazardous cyano groups. <i>Journal of Material Cycles and Waste Management</i> , 2013, 15, 218-222.	3.0	3
33	Validation and comparative study of the pesticides detection by enzymatic method. <i>International Journal of Environmental Analytical Chemistry</i> , 2019, , 1-10.	3.3	3
34	A study on electron impact mass spectrometry of epoxy methylated fullerenols. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 68, 992-994.	3.9	2
35	Adsorption of direct green 26 onto fix 3500 treated sawdust: equilibrium, kinetic and isotherms. <i>Desalination and Water Treatment</i> , 2016, 57, 13334-13346.	1.0	2
36	Validation and kinetic of enzymatic method for the detection of organophosphate insecticides based on cholinesterase inhibition. <i>Toxicology Mechanisms and Methods</i> , 2020, 30, 134-138.	2.7	2

#	ARTICLE	IF	CITATIONS
37	Sesbania sesban L. biomass as a novel adsorbent for removal of Pb(II) ions from aqueous solution: non-linear and error analysis. Green Processing and Synthesis, 2015, 4, .	3.4	1
38	Semi-quantitative analysis of drugs of abuse in human urine by end-point dilution flow immunochromatographic assay. Journal of Planar Chromatography - Modern TLC, 2020, 33, 419-425.	1.2	0