

# Marwa S Elazazy

## List of Publications by Citations

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37  
papers

373  
citations

13  
h-index

17  
g-index

46  
ext. papers

532  
ext. citations

4.1  
avg, IF

4.43  
L-index

#	Paper	IF	Citations
37	Potato Peels as an Adsorbent for Heavy Metals from Aqueous Solutions: Eco-Structuring of a Green Adsorbent Operating Plackett-Burman Design. <i>Journal of Chemistry</i> , <b>2019</b> , 2019, 1-14	2.3	41
36	Recycling of Date Pits Into a Green Adsorbent for Removal of Heavy Metals: A Fractional Factorial Design-Based Approach. <i>Frontiers in Chemistry</i> , <b>2019</b> , 7, 552	5	26
35	Label-free detection of heparin, streptavidin, and other probes by pulsed streaming potentials in plastic microfluidic channels. <i>Analytical Chemistry</i> , <b>2008</b> , 80, 6532-6	7.8	23
34	Bio-Waste Aloe vera Leaves as an Efficient Adsorbent for Titan Yellow from Wastewater: Structuring of a Novel Adsorbent Using Plackett-Burman Factorial Design. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 4856	2.6	23
33	Pomegranate peels as versatile adsorbents for water purification: Application of box-Behnken design as a methodological optimization approach. <i>Environmental Progress and Sustainable Energy</i> , <b>2019</b> , 38, 13223	2.5	21
32	Eco-Structured Biosorptive Removal of Basic Fuchsin Using Pistachio Nutshells: A Definitive Screening Design-Based Approach. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 4855	2.6	19
31	Application of Pineapple Leaves as Adsorbents for Removal of Rose Bengal from Wastewater: Process Optimization Operating Face-Centered Central Composite Design (FCCCD). <i>Molecules</i> , <b>2020</b> , 25,	4.8	17
30	Plackett-Burman and Box-Behnken designs as chemometric tools for micro-determination of L-Ornithine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2018</b> , 193, 397-406	4.4	16
29	Interaction of p-synephrine with p-chloranil: experimental design and multiple response optimization. <i>RSC Advances</i> , <b>2016</b> , 6, 64967-64976	3.7	15
28	Determination of midodrine hydrochloride via Hantzsch condensation reaction: a factorial design based spectrophotometric approach. <i>RSC Advances</i> , <b>2015</b> , 5, 48474-48483	3.7	14
27	Application of fractional factorial design for green synthesis of cyano-modified silica nanoparticles: Chemometrics and multifarious response optimization. <i>Advanced Powder Technology</i> , <b>2018</b> , 29, 1204-1215	4.6	14
26	Eco-structured Adsorptive Removal of Tigecycline from Wastewater: Date Pits Biochar the Magnetic Biochar. <i>Nanomaterials</i> , <b>2020</b> , 11,	5.4	14
25	Kinetics of alkoxysilanes hydrolysis: An empirical approach. <i>Scientific Reports</i> , <b>2019</b> , 9, 17624	4.9	13
24	A Comparison between Different Agro-Wastes and Carbon Nanotubes for Removal of Sarafloxacin from Wastewater: Kinetics and Equilibrium Studies. <i>Molecules</i> , <b>2020</b> , 25,	4.8	11
23	Carbon-Based Materials (CBMs) for Determination and Remediation of Antimicrobials in Different Substrates: Wastewater and Infant Foods as Examples <b>2020</b> ,		9
22	Watermelon rinds as cost-efficient adsorbent for acridine orange: a response surface methodological approach. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 1	5.1	9
21	Factorial Design and Machine Learning Strategies: Impacts on Pharmaceutical Analysis		8

20	Biochar of Spent Coffee Grounds as Per Se and Impregnated with TiO: Promising Waste-Derived Adsorbents for Balofloxacin. <i>Molecules</i> , <b>2021</b> , 26,	4.8	8
19	Adsorption Characteristics of Pristine and Magnetic Olive Stones Biochar with Respect to Clofazimine. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	8
18	Introductory Chapter: Infrared Spectroscopy - A Synopsis of the Fundamentals and Applications <b>2019</b> ,		7
17	Biochar for agronomy, animal farming, anaerobic digestion, composting, water treatment, soil remediation, construction, energy storage, and carbon sequestration: a review.. <i>Environmental Chemistry Letters</i> , <b>2022</b> , 1-101	13.3	7
16	Spectrophotometric Determination of Cefepime Hydrochloride, Cefoperazone Sodium, Cefotaxime Sodium and Etamsylate Using Ammonium Molybdate. <i>Scientia Pharmaceutica</i> , <b>2003</b> , 71, 211-228	4.3	6
15	Polymerization of 3-cyanopropyl (triethoxy) silane: A kinetic study using gas chromatography. <i>International Journal of Chemical Kinetics</i> , <b>2018</b> , 50, 846-855	1.4	6
14	Utilization of 7-chloro-4-nitrobenzo-2-oxa-1,3-diazole (NBD-Cl) for spectrochemical determination of l-ornithine: a multivariate optimization-assisted approach.. <i>RSC Advances</i> , <b>2019</b> , 9, 22106-22115	3.7	5
13	Self-association and thermodynamic behavior of etilefrine hydrochloride in aqueous electrolyte solution. <i>Journal of Chemical Thermodynamics</i> , <b>2014</b> , 79, 76-83	2.9	5
12	Smart Synthesis of Trimethyl Ethoxysilane (TMS) Functionalized Core-Shell Magnetic Nanosorbents FeO@SiO: Process Optimization and Application for Extraction of Pesticides. <i>Molecules</i> , <b>2020</b> , 25,	4.8	5
11	Application of a definitive screening design for the synthesis of a charge-transfer complex of sparfloxacin with tetracyanoethylene: spectroscopic, thermodynamic, kinetics, and DFT computational studies.. <i>RSC Advances</i> , <b>2019</b> , 9, 24722-24732	3.7	4
10	Green Tea Waste as an Efficient Adsorbent for Methylene Blue: Structuring of a Novel Adsorbent Using Full Factorial Design. <i>Molecules</i> , <b>2021</b> , 26,	4.8	4
9	Synthesis and Application of Cobalt Oxide (CoO)-Impregnated Olive Stones Biochar for the Removal of Rifampicin and Tigecycline: Multivariate Controlled Performance.. <i>Nanomaterials</i> , <b>2022</b> , 12,	5.4	3
8	Spectrophotometric Determination of Aciclovir, Cefepime Hydrochloride, Etamsylate and Metoclopramide Hydrochloride Using 1,10-Phenanthroline Fe(III) Reagent. <i>Scientia Pharmaceutica</i> , <b>2004</b> , 72, 73-86	4.3	2
7	Polymerization of organoalkoxysilanes: Kinetics of the polycondensation progress and the effect of solvent properties and salts addition. <i>Chemical Physics</i> , <b>2020</b> , 530, 110642	2.3	2
6	Multivariate analysis of tioconazole - TCNQ charge transfer interaction: Kinetics, thermodynamics and twofold response optimization. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2018</b> , 202, 401-409	4.4	2
5	Electrochemical Impedance Spectroscopy (EIS) in Food, Water, and Drug Analyses: Recent Advances and Applications <b>2020</b> ,		1
4	Validated Spectrophotometric Assay of Cefepime Hydrochloride and Cefuroxime Sodium Using a Tetrazolium Salt. <i>E-Journal of Chemistry</i> , <b>2012</b> , 9, 2261-2267		1
3	Lignin and Lignocellulosic Materials: A Glance on the Current Opportunities for Energy and Sustainability <b>2021</b> , 621-652		1

- 2 Analytical Calibrations: Schemes, Manuals, and Metrological Deliberations **2018**, 1
- 1 Application of Samarium- and Terbium-Sensitized Luminescence via a Multivariate-Based Approach for the Determination of Orbifloxacin. *Journal of Chemistry*, **2022**, 2022, 1-12 2,3 0