

# Ahmed M Abdel-Raoof

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

231  
citations

933410  
10  
h-index

1058452  
14  
g-index

26  
all docs

26  
docs citations

26  
times ranked

164  
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational design for eco-friendly visible spectrophotometric platform used for the assay of the antiviral agent in pharmaceutical dosage form. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 271, 120897.	3.9	14
2	Electrochemical determination of dinitolamide in poultry product samples using a highly sensitive Mn <sub>2</sub> O <sub>3</sub> /MCNTs-NPs carbon paste electrode aided by greenness assessment tools. <i>Food Chemistry</i> , 2022, 382, 131702.	8.2	8
3	A screen printed methodology optimized by molecular dynamics simulation and Lean Six Sigma for the determination of xylometazoline in the presence of benzalkonium chloride in nasal drops. <i>Talanta</i> , 2022, 242, 123321.	5.5	8
4	The fabrication of an innovative extremely sensitive nano green carbon paste electrode amended with the nanocomposite CuO/Y for electrochemical quantification of amprolium in sheep meat and liver samples. <i>Food Chemistry</i> , 2022, 385, 132668.	8.2	2
5	Innovative electrochemical electrode modified with Al <sub>2</sub> O <sub>3</sub> nanoparticle decorated MWCNTs for ultra-trace determination of tamsulosin and solifenacin in human plasma and urine samples and their pharmaceutical dosage form. <i>RSC Advances</i> , 2022, 12, 17536-17549.	3.6	12
6	Construction and application of highly sensitive spinel nanocrystalline zinc chromite decorated multiwalled carbon nanotube modified carbon paste electrode (ZnCr <sub>2</sub> O <sub>4</sub> @MWCNTs/CPE) for electrochemical determination of alogliptin benzoate in bulk and its dosage form: green chemistry assessment. <i>RSC Advances</i> , 2022, 12, 19133-19143.	3.6	3
7	Innovative pH-dependent approach for electrochemical determination of a triple eradication therapy targeting H. Pylori infection in pharmaceutical formulation and human plasma sample: Modified electrode with Prussian blue analogue decorated multi-walled carbon nanotubes (PbA@MWCNT). <i>Microchemical Journal</i> , 2022, 181, 107784.	4.5	3
8	Simultaneous determination of citalopram and tadalafil by the second derivative synchronous fluorescence method in biological fluids; application of Box-Behnken optimization design. <i>Luminescence</i> , 2021, 36, 57-65.	2.9	6
9	Second derivative synchronous fluorescence determination of avanafil in the presence of its acid-induced degradation product aided by powerful Lean Six Sigma tools augmented with D-optimal design. <i>RSC Advances</i> , 2021, 11, 3834-3842.	3.6	11
10	Determination of linagliptin and empagliflozin by UPLC and HPTLC techniques aided by lean six sigma approach. <i>Biomedical Chromatography</i> , 2021, 35, e5102.	1.7	4
11	Electrochemical Determination of Amprolium Hydrochloride in Chicken Meats and Eggs: Food Safety Control and Theoretical Study. <i>Journal of the Electrochemical Society</i> , 2021, 168, 037518.	2.9	13
12	Potentiometric determination of amprolium drug at a carbon nanotubes/nickel oxide nanoparticles paste electrode. <i>Microchemical Journal</i> , 2021, 165, 106185.	4.5	15
13	An Eco-Friendly Solid-State Electrode Modified With ZnO Nanoparticles Decorated With MWCNT as an Electrochemical Sensor for the Determination of Avanafil in Pure Form, Dosage Form and Human Plasma. <i>Journal of the Electrochemical Society</i> , 2021, 168, 087510.	2.9	7
14	A Highly Sensitive Disposable In-House Screen-Printed Electrodes for Determination of 3,5-di-tert-butyl-4-hydroxybenzoic Acid Aided by Essential Green Chemistry Tools: Application in Nile River Samples and Human Urine. <i>Journal of the Electrochemical Society</i> , 2021, 168, 117501.	2.9	3
15	Molecular docking of different ionophores host-guest inclusion complexes for electrochemical determination of solifenacin succinate in pure and pharmaceutical dosage form: Computer aided design. <i>Microchemical Journal</i> , 2020, 159, 105363.	4.5	10
16	The Fabrication of a Highly Sensitive Nano Green Carbon Paste Electrode Modified with Yttrium Doped Manganese Oxide (Mn <sub>2</sub> O <sub>3</sub> /Y <sub>2</sub> O <sub>3</sub> ) for Electrochemical Determination of Marbofloxacin and Its Residues in Bovine Meat and Milk Samples. <i>Journal of the Electrochemical Society</i> , 2020, 167, 107509.	2.9	8
17	Fabrication of an (±-Mn <sub>2</sub> O <sub>3</sub> :Co)-decorated CNT highly sensitive screen printed electrode for the optimization and electrochemical determination of cyclobenzaprine hydrochloride using response surface methodology. <i>RSC Advances</i> , 2020, 10, 24985-24993.	3.6	16
18	Optimization of Highly Sensitive Screen Printed Electrode Modified With Cerium (IV) Oxide Nanoparticles for Electrochemical Determination of Oxymetazoline Hydrochloride Using Response Surface Methodology. <i>Journal of the Electrochemical Society</i> , 2020, 167, 047502.	2.9	12

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19	Review“Insights into the Developments of Nanocomposites for Its Processing and Application as Sensing Materials. Journal of the Electrochemical Society, 2020, 167, 037549.	2.9	30
20	D-optimal design as a useful tool response surface methodology for the optimization of signals from synchronous fluorescence prior to simultaneous determination of avanafil and tadalafil. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 235, 118313.	3.9	12
21	Versatile Sensor Modified with Gold Nanoparticles Carbon Paste Electrode for Anodic Stripping Determination of Brexpiprazole: A Voltammetric Study. Journal of the Electrochemical Society, 2019, 166, B948-B955.	2.9	17
22	Disposable gold nanoparticle functionalized and bare screen-printed electrodes for potentiometric determination of trazodone hydrochloride in pure form and pharmaceutical preparations. RSC Advances, 2018, 8, 11517-11527.	3.6	10
23	Kinetic Spectrophotometric and Spectrofluorimetric Methods for the Analysis of Olanzapine Using 4-chloro-7-nitrobenzofurazan. Analytical Chemistry Letters, 2017, 7, 497-508.	1.0	3
24	Spectrophotometric Determination of Olanzapine in the Presence of its Acidic Degradation Product; Application of Kinetic Study. Analytical Chemistry Letters, 2017, 7, 663-675.	1.0	0
25	High Performance Liquid Chromatography Based on Computational Study for the Determination of Etilefrine Hydrochloride in the Presence of its Oxidative Degradation Product. Analytical Chemistry Letters, 2016, 6, 457-469.	1.0	3
26	Comparative Study of Extension Area Based Methods for Spectrophotometric Determination of Etilefrine Hydrochloride in the Presence of its Oxidative Degradation Product. Analytical Chemistry Letters, 2016, 6, 526-539.	1.0	1