# Ahmed M Abdel-Raoof

List of Publications by Year
in descending order



| 26 | 231 | 1051969 10 | 1181555 14 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 26 | 26 | 26 | 191 |
|---|---|---|---|
| all docs | docs citations | times ranked | 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. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 271, 120897. | 2.0 | 14 |
| 2 | Electrochemical determination of dinitolmide in poultry product samples using a highly sensitive Mn2O3/MCNTs-NPs carbon paste electrode aided by greenness assessment tools. Food Chemistry, 2022, 382, 131702. | 4.2 | 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. Talanta, 2022, 242, 123321. | 2.9 | 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. Food Chemistry, 2022, 385, 132668. | 4.2 | 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. RSC Advances, 2022, 12, 17536-17549. | 1.7 | 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. RSC Advances, 2022, 12, 19133-19143. | 1.7 | 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). Microchemical Journal, 2022, 181, 107784. | 2.3 | 3 |
| 8 | Simultaneous determination of citalopram and tadalafil by the second derivative synchronous fluorescence method in biological fluids; application of Boxâ€“Behnken optimization design. Luminescence, 2021, 36, 57-65. | 1.5 | 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. RSC Advances, 2021, 11, 3834-3842. | 1.7 | 11 |
| 10 | Determination of linagliptin and empagliflozin by UPLC and HPTLC techniques aided by lean six sigma approach. Biomedical Chromatography, 2021, 35, e5102. | 0.8 | 4 |
| 11 | Electrochemical Determination of Amprolium Hydrochloride in Chicken Meats and Eggs: Food Safety Control and Theoretical Study. Journal of the Electrochemical Society, 2021, 168, 037518. | 1.3 | 13 |
| 12 | Potentiometric determination of amprolium drug at a carbon nanotubes/nickel oxide nanoparticles paste electrode. Microchemical Journal, 2021, 165, 106185. | 2.3 | 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. Journal of the Electrochemical Society, 2021, 168, 087510. | 1.3 | 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. Journal of the Electrochemical Society, 2021, 168, 117501. | 1.3 | 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. Microchemical Journal, 2020, 159, 105363. | 2.3 | 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. Journal of the Electrochemical Society, 2020, 167, 107509. | 1.3 | 8 |
| 17 | Fabrication of an (Î±-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. RSC Advances, 2020, 10, 24985-24993. | 1.7 | 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. Journal of the Electrochemical Society, 2020, 167, 047502. | 1.3 | 12 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Reviewâ€"Insights into the Developments of Nanocomposites for Its Processing and Application as Sensing Materials. Journal of the Electrochemical Society, 2020, 167, 037549. | 1.3 | 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. | 2.0 | 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. | 1.3 | 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. | 1.7 | 10 |
| 23 | Kinetic Spectrophotometric and Spectrofluorimetric Methods for the Analysis of Olanzapine Using4-chloro-7-nitrobenzofurazan. Analytical Chemistry Letters, 2017, 7, 497-508. | 0.4 | 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. | 0.4 | 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. | 0.4 | 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. | 0.4 | 1 |