

Medhat A Al-Ghobashy

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3961656/medhat-a-al-ghobashy-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

66

papers

880

citations

14

h-index

27

g-index

67

ext. papers

1,030

ext. citations

3.6

avg, IF

4.57

L-index

#	Paper	IF	Citations
66	Removal of cationic and anionic dyes from aqueous solution with magnetite/pectin and magnetite/silica/pectin hybrid nanocomposites: kinetic, isotherm and mechanism analysis. <i>RSC Advances</i> , 2016 , 6, 11461-11480	3.7	128
65	Phytosynthesis of Au, Ag, and AuAg Bimetallic Nanoparticles Using Aqueous Extract of Sago Pondweed (<i>Potamogeton pectinatus</i> L.). <i>ACS Sustainable Chemistry and Engineering</i> , 2013 , 1, 1520-1529	8.3	98
64	Development and validation of a modified QuEChERS protocol coupled to LC-MS/MS for simultaneous determination of multi-class antibiotic residues in honey. <i>Food Chemistry</i> , 2016 , 190, 982-989	8.5	64
63	Simultaneous determination of 200 pesticide residues in honey using gas chromatography-tandem mass spectrometry in conjunction with streamlined quantification approach. <i>Journal of Chromatography A</i> , 2016 , 1427, 142-60	4.5	43
62	Adsorptive Removal of Fluoroquinolones from Water by Pectin-Functionalized Magnetic Nanoparticles: Process Optimization Using a Spectrofluorimetric Assay. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 133-145	8.3	37
61	Development and validation of LC-MS/MS assay for the simultaneous determination of methotrexate, 6-mercaptopurine and its active metabolite 6-thioguanine in plasma of children with acute lymphoblastic leukemia: Correlation with genetic polymorphism. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016 , 1038, 88-94	3.2	35
60	Development and validation of LC-MS/MS assay for the determination of the prodrug dabigatran etexilate and its active metabolites in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015 , 989, 37-45	3.2	26
59	Magnetic molecularly imprinted polymer nanoparticles for simultaneous extraction and determination of 6-mercaptopurine and its active metabolite thioguanine in human plasma. <i>Journal of Chromatography A</i> , 2018 , 1561, 28-38	4.5	26
58	Stability assessment of antibody-drug conjugate Trastuzumab emtansine in comparison to parent monoclonal antibody using orthogonal testing protocol. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 150, 268-277	3.5	21
57	Correlation between Dynamic Light Scattering and Size Exclusion High Performance Liquid Chromatography For Monitoring the Effect of pH on Stability of Biopharmaceuticals. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017 , 1060, 1-9	3.2	20
56	Spectrophotometric and TLC-densitometric methods for the simultaneous determination of Ezetimibe and Atorvastatin calcium. <i>Journal of Advanced Research</i> , 2013 , 4, 51-9	13	20
55	Stability of catechins in green tea nutraceutical products: application of solid phase extraction-thin layer chromatography densitometry. <i>Food Chemistry</i> , 2014 , 156, 94-9	8.5	18
54	Development and Pre-Clinical Evaluation of Recombinant Human Myelin Basic Protein Nano Therapeutic Vaccine in Experimental Autoimmune Encephalomyelitis Mice Animal Model. <i>Scientific Reports</i> , 2017 , 7, 46468	4.9	17
53	Chromatographic and electrophoretic assessment of Filgrastim biosimilars in pharmaceutical formulations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 97, 72-80	3.5	17
52	On-line casein micelle disruption for downstream purification of recombinant human myelin basic protein produced in the milk of transgenic cows. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009 , 877, 1667-77	3.2	14
51	Preparation and characterization of pH-responsive polyacrylamide molecularly imprinted polymer: Application to isolation of recombinant and wild type human serum albumin from biological sources. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017 , 1046, 34-47	3.2	12
50	Gallic acid magnetic nanoparticles for photocatalytic degradation of meloxicam: synthesis, characterization and application to pharmaceutical wastewater treatment. <i>RSC Advances</i> , 2015 , 5, 104987-104990	3.7	12

49	Optimization of photocatalytic degradation of meloxicam using titanium dioxide nanoparticles: application to pharmaceutical wastewater analysis, treatment, and cleaning validation. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 15516-25	5.1	11
48	Development and validation of LC-MS/MS assay for the determination of the prodrug Midodrine and its active metabolite Desglymidodrine in plasma of ascitic patients: Application to individualized therapy and comparative pharmacokinetics. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015 , 981, 34-40	3.2	11
47	Assessment of the Degradation Pattern and Extent of PEG Interferon β Using a Stability-Indicating SE-HPLC Assay. <i>Chromatographia</i> , 2014 , 77, 1661-1669	2.1	11
46	Direct measurements of interfacial interactions between pectin and kappa-casein and implications for the stabilisation of calcium-free casein micelle mimics. <i>Journal of Colloid and Interface Science</i> , 2009 , 338, 450-62	9.3	11
45	Investigation of the profile and kinetics of degradation of rivaroxaban using HPLC, TLC-densitometry and LC/MS/MS: Application to pre-formulation studies. <i>Bulletin of Faculty of Pharmacy, Cairo University</i> , 2015 , 53, 53-61	1	10
44	Probing the interaction between recombinant human myelin basic protein and caseins using surface plasmon resonance and diffusing wave spectroscopy. <i>Journal of Molecular Recognition</i> , 2010 , 23, 84-92	2.6	10
43	Determination of thiocolchicoside in its binary mixtures (thiocolchicoside-glafenine and thiocolchicoside-floctafenine) by TLC-densitometry. <i>Il Farmaco</i> , 2003 , 58, 463-8		10
42	Computer-aided design of magnetic molecularly imprinted polymer nanoparticles for solid-phase extraction and determination of levetiracetam in human plasma.. <i>RSC Advances</i> , 2018 , 8, 14280-14292	3.7	9
41	Assessment of the Effects of Glycosylation on the Pattern and Kinetics of Degradation of Lenograstim in Comparison to Filgrastim Using a Stability-Indicating Orthogonal Testing Protocol. <i>Chromatographia</i> , 2015 , 78, 1005-1015	2.1	9
40	CZE with On-line Micellar Sample Stacking for Determination of Protein Concentration of Biopharmaceuticals. <i>Chromatographia</i> , 2011 , 73, 1145-1153	2.1	9
39	Kinetic study of alkaline induced hydrolysis of the skeletal muscle relaxant chlorzoxazone using ratio spectra first derivative spectrophotometry. <i>Il Farmaco</i> , 2003 , 58, 337-42		9
38	Label-Free Potentiometric Ion Flux Immunosensor for Determination of Recombinant Human Myelin Basic Protein: Application to Downstream Purification from Transgenic Milk. <i>ACS Sensors</i> , 2019 , 4, 413-420	9.2	9
37	Coupling of on-column trypsin digestion-peptide mapping and principal component analysis for stability and biosimilarity assessment of recombinant human growth hormone. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018 , 1072, 105-115	3.2	9
36	Voltammetric monitoring of linezolid, meropenem and theophylline in plasma. <i>Analytical Biochemistry</i> , 2018 , 545, 54-64	3.1	8
35	Coupled solid phase extraction and microparticle-based stability and purity-indicating immunosensor for the determination of recombinant human myelin basic protein in transgenic milk. <i>Talanta</i> , 2013 , 109, 7-12	6.2	8
34	Factors Affecting the Performance of Capillary Isoelectric Focusing in Dynamically Coated Capillaries Using Polyethylene Oxide Polymer. <i>Analytical Letters</i> , 2008 , 41, 1914-1931	2.2	8
33	Correlation of In Vivo and In Vitro Assay Results for Assessment of Free Radical Scavenging Activity of Green Tea Nutraceuticals. <i>Journal of Food Science</i> , 2016 , 81, C1707-15	3.4	8
32	Stability and biosimilarity assessment of infliximab using an orthogonal testing protocol and statistically-guided interpretation of peptide mapping. <i>Analytical Methods</i> , 2019 , 11, 3198-3211	3.2	7

31	Optimization and in line potentiometric monitoring of enhanced photocatalytic degradation kinetics of gemifloxacin using TiO nanoparticles/HO. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 23880-23892	5.1	7
30	Development of Green and Efficient Extraction Methods of Quercetin from Red Onion Scales Wastes Using Factorial Design for Method Optimization: A Comparative Study. <i>Separations</i> , 2021 , 8, 137 ³⁻¹		7
29	Validated electrochemical and chromatographic quantifications of some antibiotic residues in pharmaceutical industrial waste water. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 7023-7034 ⁵⁻¹		6
28	Comparative Assessment of the Effect of Hyper-glycosylation on the Pattern and Kinetics of Degradation of Darbeoetin Alfa using a Stability-Indicating Orthogonal Testing Protocol. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018 , 1072, 405-414	3.2	6
27	Nanoparticle-Enhanced Potentiometric Ion-Selective Electrodes for Therapeutic Drug Monitoring of Linezolid. <i>Journal of the Electrochemical Society</i> , 2019 , 166, B1312-B1320	3.9	5
26	Assessment of pectin-coated magnetite nanoparticles in low-energy water desalination applications. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 18476-18483	5.1	5
25	Electrophoretic behavior of charge regulated zwitter ionic buffers in covalently and dynamically coated fused silica capillaries. <i>Bulletin of Faculty of Pharmacy, Cairo University</i> , 2014 , 52, 71-78	1	5
24	Validated spectrophotometric methods for simultaneous determination of troxerutin and carbazochrome in dosage form. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 139, 206-13	4.4	5
23	Impedimetric Sensors for Cyclocreatine Phosphate Determination in Plasma Based on Electropolymerized Poly(-phenylenediamine) Molecularly Imprinted Polymers. <i>ACS Omega</i> , 2021 , 6, 31282-31291 ³⁻⁹		5
22	Spectral resolution and simultaneous determination of oxymetazoline hydrochloride and sodium cromoglycate by derivative and ratio-based spectrophotometric methods. <i>European Journal of Chemistry</i> , 2015 , 6, 319-324	0.6	5
21	Determination of voriconazole and co-administered drugs in plasma of pediatric cancer patients using UPLC-MS/MS: A key step towards personalized therapeutics. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018 , 1092, 489-498	3.2	5
20	Coupling of GC-MS/MS to Principal Component Analysis for Assessment of Matrix Effect: Efficient Determination of Ultra-Low Levels of Pesticide Residues in Some Functional Foods. <i>Food Analytical Methods</i> , 2019 , 12, 2870-2885	3.4	4
19	Validated Chromatographic Methods for the Simultaneous Determination of Sodium Cromoglycate and Oxymetazoline Hydrochloride in a Combined Dosage Form. <i>Journal of Advances in Chemistry</i> , 2015 , 11, 3850-3859		4
18	Preparation and characterization of 96-well microplates coated with molecularly imprinted polymer for determination and biosimilarity assessment of recombinant human erythropoietin. <i>Journal of Chromatography A</i> , 2021 , 1641, 462012	4.5	4
17	Evaluation of the combined effects of pegylation and glycosylation on the stability of erythropoietin using a stability-indicating SE-HPLC. <i>Biologicals</i> , 2017 , 50, 129-136	1.8	3
16	Optimization and validation of ELISA immunoassay for the evaluation of in-vitro relative potency of a four-component human papillomavirus vaccine products. <i>Biologicals</i> , 2016 , 44, 596-599	1.8	3
15	On-column decaffeination and HPLC analysis of epigallocatechin gallate in green tea nutraceuticals. <i>Separation Science and Technology</i> , 2016 , 51, 664-672	2.5	3
14	Evaluation of the pattern and kinetics of degradation of adalimumab using a stability-indicating orthogonal testing protocol. <i>Biomedical Chromatography</i> , 2019 , 33, e4676	1.7	3

13	Facile imprinted polymer for label-free highly selective potentiometric sensing of proteins: case of recombinant human erythropoietin. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 413, 3611-3623	4.4	3
12	Green and cost-effective extraction techniques of quercetin from mixture of nutraceuticals with yield analysis via spectrophotometry and high performance liquid chromatograph methods. <i>Journal of AOAC INTERNATIONAL</i> , 2021 ,	1.7	3
11	Optimization of polydopamine imprinted polymer for label free sensitive potentiometric determination of proteins: Application to recombinant human erythropoietin sensing in different matrices. <i>Microchemical Journal</i> , 2021 , 167, 106333	4.8	3
10	Energy-efficient carbon-doped titanium dioxide nanoparticles: synthesis, characterization, and catalytic properties under visible LED irradiation for degradation of gemifloxacin. <i>SN Applied Sciences</i> , 2019 , 1, 1	1.8	2
9	Immunoaffinity extraction using conformation-dependent antibodies coupled to SE-HPLC for the development of stability and potency-indicating assay for quadrivalent human papillomavirus vaccine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016 , 1032, 211-217	3.2	2
8	Investigation of the Profile and Kinetics of Degradation of Fenticonazole Nitrate using Stability-indicating HPLC Assay in Presence of Methyl and Propyl Parabens: Application to Preformulation Studies. <i>Analytical Chemistry Letters</i> , 2016 , 6, 850-862	1	2
7	Simultaneous determination of linezolid, meropenem and theophylline in plasma. <i>Data in Brief</i> , 2018 , 21, 150-153	1.2	2
6	Development and validation of LC-MS/MS assay for the determination of Butoconazole in human plasma: Evaluation of systemic absorption following topical application in healthy volunteers. <i>Bulletin of Faculty of Pharmacy, Cairo University</i> , 2017 , 55, 303-310	1	1
5	Coupling of Trastuzumab chromatographic profiling with machine learning tools: A complementary approach for biosimilarity and stability assessment. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021 , 1184, 122976	3.2	1
4	Analytical comparability study of anti-CD20 monoclonal antibodies rituximab and obinutuzumab using a stability-indicating orthogonal testing protocol: Effect of structural optimization and glycoengineering. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020 , 1159, 122359	3.2	1
3	Quality Assessment of Lactoferrin in some Marketed Nutraceuticals Derived from Milk using Validated Analytical Methods. <i>ChemistrySelect</i> , 2020 , 5, 14816-14825	1.8	0
2	Comparative Clinical Pharmacokinetics of Midodrine and Its Active Metabolite Desglymidodrine in Cirrhotic Patients with Tense Ascites Versus Healthy Volunteers. <i>Clinical Drug Investigation</i> , 2016 , 36, 147-55	3.2	
1	Development and Validation of Stability Indicating Spectrophotometric Methods for Determination of Sulbutiamine in Tablet Dosage Form. <i>Analytical Chemistry Letters</i> , 2016 , 6, 159-173	1	