Gamal Mostafa

List of Publications by Year
in descending order

64	694	623188	676716
papers	citations	14 h-index	22 g-index

64	64	64	835
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ecofriendly densitometric RP-HPTLC method for determination of rivaroxaban in nanoparticle formulations using green solvents. RSC Advances, 2020, 10, 2133-2140.	1.7	39
2	Characteristics of new composite- and classical potentiometric sensors for the determination of pioglitazone in some pharmaceutical formulations. Journal of Pharmaceutical and Biomedical Analysis, 2008, 48, 57-61.	1.4	36
3	Glutathione. Profiles of Drug Substances, Excipients and Related Methodology, 2015, 40, 43-158.	3.5	35
4	Anacyclus pyrethrum (L): Chemical Composition, Analgesic, Anti-Inflammatory, and Wound Healing Properties. Molecules, 2020, 25, 5469.	1.7	32
5	Chemical Profiling, Antioxidant, and Antimicrobial Activity against Drug-Resistant Microbes of Essential Oil from Withania frutescens L.. Applied Sciences (Switzerland), 2021, 11, 5168.	1.3	30
6	Caralluma europaea (Guss.) N.E.Br.: Anti-Inflammatory, Antifungal, and Antibacterial Activities against Nosocomial Antibiotic-Resistant Microbes of Chemically Characterized Fractions. Molecules, 2021, 26, 636.	1.7	30
7	Curative Effect of Catechin Isolated from Elaeagnus Umbellata Thunb. Berries for Diabetes and Related Complications in Streptozotocin-Induced Diabetic Rats Model. Molecules, 2021, 26, 137.	1.7	29
8	Validated liquid chromatographic-fluorescence method for the quantitation of gemifloxacin in human plasma. Talanta, 2010, 83, 110-116.	2.9	28
9	High-performance liquid chromatographic method for the determination of dasatinib in rabbit plasma using fluorescence detection and its application to a pharmacokinetic study. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 939, 73-79.	1.2	24
10	Potentiometric determination of moxifloxacin in some pharmaceutical formulation using PVC membrane sensors. Chemistry Central Journal, 2014, 8, 59.	2.6	23
11	PVC Matrix Membrane Sensor for Potentiometric Determination of Cetylpyridinium Chloride.. Analytical Sciences, 2001, 17, 1043-1047.	0.8	20
12	Controlled-pore Silica Glass Modified with N-Propylsalicylaldimine for the Separation and Preconcentration of Trace Al(III), Ag(I) and Hg(II) in Water Samples. Analytical Sciences, 2003, 19, 1151-1156.	0.8	20
13	Quantitative Ethnomedicinal Status and Phytochemical Analysis of Berberis lyceum Royle. Agronomy, 2021, 11, 130.	1.3	18
14	Investigation of 4-Hydrazinobenzoic Acid Derivatives for Their Antioxidant Activity: In Vitro Screening and DFT Study. ACS Omega, 2021, 6, 31993-32004.	1.6	18
15	Determination of donepezil hydrochloride in human plasma and pharmaceutical formulations by HPLC with fluorescence detection. Acta Pharmaceutica, 2011, 61, 403-413.	0.9	17
16	Determination of Delafloxacin in Pharmaceutical Formulations Using a Green RP-HPTLC and NP-HPTLC Methods: A Comparative Study. Antibiotics, 2020, 9, 359.	1.5	16
17	A New Selective Chromogenic Reagent for the Spectrophotometric Determination of Thallium(I) and (III) and Its Separation Using Flotation and the Solid-Phase Extraction on Polyurethane Foam. Analytical Sciences, 2003, 19, 1269-1275.	0.8	14
18	PVC matrix membrane sensor for potentiometric determination of dodecylsulfate. International Journal of Environmental Analytical Chemistry, 2008, 88, 435-446.	1.8	13

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19	Sample stacking microemulsion electrokinetic capillary chromatography induced by reverse migrating pseudostationary phase for the quantification of phenobarbital and its p-hydroxyphenobarbital metabolite in rat urine. Analyst, The, 2011, 136, 2858.	1.7	13
20	HPLCâ€Fluorescence Method for the Enantioselective Analysis of Propranolol in Rat Serum Using Immobilized Polysaccharideâ€Based Chiral Stationary Phase. Chirality, 2014, 26, 194-199.	1.3	13
21	In-Vivo Antidiabetic Activity and In-Silico Mode of Action of LC/MS-MS Identified Flavonoids in Oleaster Leaves. Molecules, 2020, 25, 5073.	1.7	13
22	Development and validation of an HPLC-MS/MS method for the determination of filgotinib, a selective Janus kinase 1 inhibitor: Application to a metabolic stability study. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1154, 122195.	1.2	12
23	Donepezil. Profiles of Drug Substances, Excipients and Related Methodology, 2010, 35, 117-150.	3.5	11
24	Ionophore-based potentiometric PVC membrane sensors for determination of phenobarbitone in pharmaceutical formulations. Acta Pharmaceutica, 2016, 66, 503-514.	0.9	11
25	Charge Transfer Complex of Neostigmine with 2,3-Dichloro-5,6-Dicyano-1,4-Benzoquinone: Synthesis, Spectroscopic Characterization, Antimicrobial Activity, and Theoretical Study . Drug Design, Development and Therapy, 2020, Volume 14, 4115-4129.	2.0	11
26	LC-MS/MS method for the quantification of the anti-cancer agent infigratinib: Application for estimation of metabolic stability in human liver microsomes. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1179, 122806.	1.2	10
27	Pravastatin Sodium. Profiles of Drug Substances, Excipients and Related Methodology, 2014, 39, 433-513.	3.5	9
28	Effect of Naltrexone Hydrochloride on Cytochrome P450 1A2, 2C9, 2D6, and 3A4 Activity in Human Liver Microsomes. European Journal of Drug Metabolism and Pharmacokinetics, 2018, 43, 707-713.	0.6	9
29	Protective Effect of Chemically Characterized Polyphenol-Rich Fraction from Apteranthes europaea (Guss.) Murb. subsp. maroccana (Hook.f.) Plowes on Carbon Tetrachloride-Induced Liver Injury in Mice. Applied Sciences (Switzerland), 2021, 11, 554.	1.3	8
30	Synthesis Characterization and X-ray Structure of 2-(2,6-Dichlorophenylamino)-2-imidazoline Tetraphenylborate: Computational Study. Applied Sciences (Switzerland), 2022, 12, 3568.	1.3	8
31	Stereoselective HPLC analysis of tertatolol in rat plasma using macrocyclic antibiotic chiral stationary phase. Chirality, 2011, 23, 333-338.	1.3	7
32	Enantioselective Quantification of Atenolol in Mouse Plasma by High Performance Liquid Chromatography Using a Chiral Stationary Phase: Application to a Pharmacokinetic Study. Journal of AOAC INTERNATIONAL, 2013, 96, 976-980.	0.7	7
33	Development and Validation of an HPLC-UV Detection Assay for the Determination of Clonidine in Mouse Plasma and Its Application to a Pharmacokinetic Study. Molecules, 2020, 25, 4109.	1.7	7
34	Buclizine. Profiles of Drug Substances, Excipients and Related Methodology, 2011, 36, 1-33.	3.5	6
35	Crystal structure of 1-(adamantan-1-yl)-3-phenylthiourea, C₁₇H₂₂N₂S. Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 593-595.	0.1	6
36	Development and validation of HPLCâ€MS/MS method for the determination of lixivaptan in mouse plasma and its application in a pharmacokinetic study. Biomedical Chromatography, 2017, 31, e4007.	0.8	6

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37	Development and validation of an HPLCâ€“MS/MS method for the determination of arginine-vasopressin receptor blocker conivaptan in human plasma and rat liver microsomes: application to a metabolic stability study. Chemistry Central Journal, 2018, 12, 47.	2.6	6
38	Reactive intermediates in copanlisib metabolism identified by LC-MS/MS: phase I metabolic profiling. RSC Advances, 2019, 9, 6409-6418.	1.7	6
39	Charge Transfer Complexes of Ketotifen with 2,3-Dichloro-5,6-dicyano-p-benzoquinone and 7,7,8,8-Tetracyanoquodimethane: Spectroscopic Characterization Studies. Molecules, 2021, 26, 2039.	1.7	6
40	New Construction of Functionalized CuO/Al2O3 Nanocomposite-Based Polymeric Sensor for Potentiometric Estimation of Naltrexone Hydrochloride in Commercial Formulations. Polymers, 2021, 13, 4459.	2.0	6
41	Comparative study of Î²-cyclodextrin, Î³-cyclodextrin and 4-tert-butylcalix[8]arene ionophores as electroactive materials for the construction of new sensors for trazodone based on host-guest recognition . Drug Design, Development and Therapy, 2019, Volume 13, 2283-2293.	2.0	5
42	PVC MATRIX MEMBRANE SENSORS FOR POTENTIOMETRIC DETERMINATION OF ARECOLINE. Instrumentation Science and Technology, 2010, 38, 165-177.	0.9	4
43	Selective Analysis of Dopamine Receptor Antagonist LE300 and its N-Methyl Metabolite in Mouse Sera at the Trace Level by HPLCâ€“Fluorescence Detection. Chromatographia, 2015, 78, 655-661.	0.7	4
44	Polymeric Membrane Sensors For Batch and Flow Injection Potentiometric Determination Of Procainamide. IEEE Sensors Journal, 2020, , 1-1.	2.4	4
45	Piroxicam. Profiles of Drug Substances, Excipients and Related Methodology, 2020, 45, 199-474.	3.5	4
46	A New Validated HPLC-MS/MS Method for Quantification and Pharmacokinetic Evaluation of Dovitinib, a Multi-Kinase Inhibitor, in Mouse Plasma . Drug Design, Development and Therapy, 2020, Volume 14, 407-415.	2.0	4
47	Acute and repeated dose 60-day oral toxicity assessment of chemically characterized Berberis hispanica Boiss. and Reut in Wistar rats. Open Chemistry, 2021, 19, 686-695.	1.0	4
48	Tamoxifen charge transfer complexes with 2,3-dichloro-5,6-dicyano-1,4-benzoquinone and 7,7,8,8-tetracyanoquinodimethan: Synthesis, spectroscopic characterization and theoretical study. Bioorganic Chemistry, 2022, 120, 105603.	2.0	4
49	Quinine Charge Transfer Complexes with 2,3-Dichloro-5,6-Dicyano-Benzoquinone and 7,7,8,8-Tetracyanoquinodimethane: Spectroscopic Characterization and Theoretical Study. Applied Sciences (Switzerland), 2022, 12, 978.	1.3	4
50	Atropine-Phosphotungestate Polymeric-Based Metal Oxide Nanoparticles for Potentiometric Detection in Pharmaceutical Dosage Forms. Nanomaterials, 2022, 12, 2313.	1.9	4
51	High-performance liquid chromatography and derivative spectrophotometry for simultaneous determination of pravastatin and fenofibrate in the dosage form. Acta Pharmaceutica, 2014, 64, 433-446.	0.9	3
52	Method development for quantification of quizartinib in rat plasma by liquid chromatography/tandem mass spectrometry for pharmacokinetic application. Biomedical Chromatography, 2018, 32, e4131.	0.8	3
53	Cefpodoxime proxetil. Profiles of Drug Substances, Excipients and Related Methodology, 2019, 44, 1-165.	3.5	3
54	2,3,5-Triphenyl-2H-tetrazol-3-ium tetraphenylborate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2567-o2567.	0.2	2

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55	Synthesis and Photophysical Properties of Fluorescein Esters as Potential Organic Semiconductor Materials. Journal of Fluorescence, 2021, 31, 1489-1502.	1.3	2
56	Eco-Friendly, Simple, Fast, and Sensitive UPLC-MS/MS Method for Determination of Pexidartinib in Plasma and Its Application to Metabolic Stability. Molecules, 2022, 27, 297.	1.7	2
57	Separation and quantitation of oxprenolol in urine and pharmaceutical formulations by HPLC using a Chiralpak IC and UV detection. Monatshefte FÃ¼r Chemie, 2012, 143, 365-371.	0.9	1
58	Tetraphenylborate Salt of Bambuterol (BambecÂ®): Synthesis, Characterization and X-ray Structure of N-(2-(3,5-bis((dimethylcarbamoyl)oxy)phenyl)-2-hydroxyethyl)-2-methylpropan-2-aminium tetraphenylborate. Journal of Chemical Crystallography, 2015, 45, 251-256.	0.5	1
59	Cinacalcet Hydrochloride. Profiles of Drug Substances, Excipients and Related Methodology, 2017, 42, 1-90.	3.5	1
60	Polyvinyl Chloride Membrane Sensors for Potentiometric Determination of Chlorpromazine in Some Pharmaceutical Formulations. Sensor Letters, 2012, 10, 966-973.	0.4	1
61	Separation and determination of clenbuterol by HPLC using a vancomycin chiral stationary phase. Journal of AOAC INTERNATIONAL, 2009, 92, 824-9.	0.7	1
62	2,3,5-Triphenyl-2H-tetrazol-3-ium bromide ethanol monosolvate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2566-o2566.	0.2	0
63	2,3,5-Triphenyl-2H-tetrazol-3-ium iodide. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2621-o2621.	0.2	0
64	The crystal structure of 2,3,5-triphenyl-2,3-dihydro-1H-tetrazol-1-ium 2,3-dioxoindoline-5-sulfonate, C27H19N5O5S. Zeitschrift Fur Kristallographie - New Crystal Structures, 2017, 232, 603-605.	0.1	0