

Tarek S. Belal

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2940128/publications.pdf>

Version: 2024-02-01

99
papers

1,333
citations

331259

21
h-index

476904

29
g-index

100
all docs

100
docs citations

100
times ranked

1156
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and comprehensive greenness assessment for MEKC and HPTLC methods for simultaneous estimation of sertaconazole with two co-formulated preservatives in pharmaceutical dosage forms. <i>Sustainable Chemistry and Pharmacy</i> , 2022, 25, 100580.	1.6	13
2	Eco-friendly chromatographic methods for concurrent estimation of Montelukast and Bambuterol with its pharmacopoeial related substance Terbutaline: Greenness appraisal using analytical Eco-scale, GAPI and AGREE metrics. <i>Microchemical Journal</i> , 2022, 176, 107236.	2.3	10
3	Simultaneous Quantitation of Paracetamol and Lornoxicam in the Presence of Five Related Substances and Toxic Impurities by a Selective HPLC-DAD Method. <i>Journal of AOAC INTERNATIONAL</i> , 2022, 105, 972-978.	0.7	6
4	Sustainable quantitative determination of allopurinol in fixed dose combinations with benzbromarone and thioctic acid by capillary zone electrophoresis and spectrophotometry: Validation, greenness and whiteness studies. <i>Sustainable Chemistry and Pharmacy</i> , 2022, 27, 100684.	1.6	21
5	Inexpensive bioluminescent genosensor for sensitive determination of DNA damage induced by some commonly used sunscreens. <i>Analytical Biochemistry</i> , 2022, 651, 114700.	1.1	4
6	Comparative study of two versatile multi-analyte chromatographic methods for determination of diacerein together with four non-steroidal anti-inflammatory drugs: Greenness appraisal using Analytical Eco-Scale and AGREE metrics. <i>Sustainable Chemistry and Pharmacy</i> , 2022, 28, 100709.	1.6	12
7	Multi-analyte HPLC-DAD Method for Concurrent Analysis of Six Antimicrobials and Three Proton Pump Inhibitors Frequently used in Management of Helicobacter pylori Infection: Application to Simulated Intestinal Fluid Samples. <i>Chromatographia</i> , 2022, 85, 617-628.	0.7	3
8	Application of MEKC and UPLC with Fluorescence Detection for Simultaneous Determination of Amlodipine Besylate and Bisoprolol Fumarate. <i>Journal of AOAC INTERNATIONAL</i> , 2021, 104, 339-347.	0.7	6
9	Development and greenness assessment of a stability-indicating HPLC-DAD method for simultaneous determination of allopurinol and benzbromarone. <i>Drug Development and Industrial Pharmacy</i> , 2021, 47, 1-10.	0.9	5
10	A Highly Selective Stability-Indicating HPLC Method for Simultaneous Estimation of Sertaconazole with Two Coformulated Preservatives in Pharmaceutical Dosage Forms. <i>Chromatographia</i> , 2020, 83, 191-203.	0.7	4
11	Simultaneous analysis of chlorzoxazone, diclofenac sodium and tramadol hydrochloride in presence of three potential impurities using validated HPLC-DAD and HPTLC methods. <i>Microchemical Journal</i> , 2020, 153, 104505.	2.3	16
12	Validated capillary zone electrophoretic method for simultaneous analysis of benazepril in combination with amlodipine besylate and hydrochlorothiazide. <i>Acta Chromatographica</i> , 2020, 32, 219-227.	0.7	6
13	Green stability-indicating capillary electrophoretic method for simultaneous determination of Lesinurad and Allopurinol in tablet dosage form: Degradation kinetics investigation. <i>Microchemical Journal</i> , 2020, 158, 105199.	2.3	15
14	Validated specific HPLC-DAD method for simultaneous estimation of paracetamol and chlorzoxazone in the presence of five of their degradation products and toxic impurities. <i>Drug Development and Industrial Pharmacy</i> , 2020, 46, 1853-1861.	0.9	8
15	Sensitive spectrofluorimetric and mass spectroscopic methods for the determination of nucleic acid damage induced by photosensitized anti-inflammatory drugs: Comparative study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 187, 113326.	1.4	15
16	Versatile additively manufactured (3D printed) wall-jet flow cell for high performance liquid chromatography-amperometric analysis: application to the detection and quantification of new psychoactive substances (NBOMes). <i>Analytical Methods</i> , 2020, 12, 2152-2165.	1.3	22
17	Analytical investigation of ternary mixture of phenylephrine hydrochloride, dimetindene maleate and benzalkonium chloride using validated stability indicating HPLC-DAD method. <i>Drug Development and Industrial Pharmacy</i> , 2020, 46, 1278-1288.	0.9	3
18	The influence of lateral flake size in graphene/graphite paste electrodes: an electroanalytical investigation. <i>Analytical Methods</i> , 2020, 12, 2133-2142.	1.3	10

#	ARTICLE	IF	CITATIONS
19	Validated spectrophotometric determination of maduramicin ammonium using three charge transfer complexation reactions. <i>Annales Pharmaceutiques Francaises</i> , 2020, 78, 388-397.	0.4	2
20	Spectrophotometric and Chromatographic Methods for Simultaneous Determination of Aspirin and Omeprazole. <i>Analytical Chemistry Letters</i> , 2020, 10, 240-262.	0.4	4
21	The Use of Green Spectroscopy for Analysis of Quetiapine. <i>Egyptian Journal of Chemistry</i> , 2020, .	0.1	0
22	Validated HPLC and HPTLC Methods for the Determination of Agomelatine in Bulk and Tablets. <i>Egyptian Journal of Chemistry</i> , 2020, .	0.1	0
23	Simple mix-and-read assays for the determination of baclofen in pharmaceutical formulation. <i>Heliyon</i> , 2019, 5, e01854.	1.4	3
24	Comprehensive stability-indicating high-performance liquid chromatography coupled with diode array detection method for simultaneous determination of amprolium hydrochloride and ethopabate in powder dosage form for veterinary use. <i>Journal of Separation Science</i> , 2019, 42, 3340-3351.	1.3	11
25	Quick Test for Determination of N-Bombs (Phenethylamine Derivatives, NBOMe) Using High-Performance Liquid Chromatography: A Comparison between Photodiode Array and Amperometric Detection. <i>ACS Omega</i> , 2019, 4, 14439-14450.	1.6	14
26	Analytical determination of heroin, fentanyl and fentalogues using high-performance liquid chromatography with diode array and amperometric detection. <i>Analytical Methods</i> , 2019, 11, 1053-1063.	1.3	30
27	Forensic Electrochemistry: The Electroanalytical Sensing of Mephedrone Metabolites. <i>ACS Omega</i> , 2019, 4, 1947-1954.	1.6	30
28	Development and validation of a versatile HPLC-DAD method for simultaneous determination of the antiviral drugs daclatasvir, ledipasvir, sofosbuvir and ribavirin in presence of seven potential impurities. Application to assay of dosage forms and dissolution studies. <i>Drug Development and Industrial Pharmacy</i> , 2019, 45, 1111-1119.	0.9	12
29	Green Simple Spectrophotometric Methods for Determination of Kanamycin Sulfate using Eosin and Vanillin Reagents. <i>Analytical Chemistry Letters</i> , 2019, 9, 634-648.	0.4	2
30	Application of HPTLC, spectrofluorimetry and differential pulse voltammetry for determination of the antifungal drug posaconazole in suspension dosage form. <i>Annales Pharmaceutiques Francaises</i> , 2019, 77, 382-393.	0.4	3
31	Spectroscopic differentiation and chromatographic separation of regioisomeric indole aldehydes: Synthetic cannabinoids precursors. <i>Forensic Chemistry</i> , 2019, 12, 78-90.	1.7	3
32	Gas Chromatography-Mass Spectrometry (GC-MS) and Gas Chromatography-Infrared (GC-IR) Analyses of the Chloro-1-n-pentyl-3-(1-naphthoyl)-Indoles: Regioisomeric Cannabinoids. <i>Applied Spectroscopy</i> , 2019, 73, 433-443.	1.2	3
33	Validated spectrophotometric and chromatographic methods for analysis of the recently approved hepatitis C antiviral combination ledipasvir and sofosbuvir. <i>Annales Pharmaceutiques Francaises</i> , 2018, 76, 16-31.	0.4	26
34	Differentiation of methylated indole ring regioisomers of JWH-007: GC-MS and GC-IR studies. <i>Forensic Chemistry</i> , 2018, 7, 1-9.	1.7	9
35	Validated HPLC-DAD Method for the Simultaneous Determination of Six Selected Drugs Used in the Treatment of Glaucoma. <i>Journal of AOAC INTERNATIONAL</i> , 2018, 101, 993-1000.	0.7	8
36	Click chemistry inspired copper sulphide nanoparticle-based fluorescence assay of kanamycin using DNA aptamer. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 205, 48-54.	2.0	31

#	ARTICLE	IF	CITATIONS
37	GC-MS and GC-IR Analyses of the Methoxy-1-n-pentyl-3-(1-naphthoyl)-indoles: Regioisomeric Designer Cannabinoids. <i>Journal of Chromatographic Science</i> , 2018, 56, 779-788.	0.7	1
38	Validated stability-indicating HPLC-DAD method for determination of the recently approved hepatitis C antiviral agent daclatasvir. <i>Annales Pharmaceutiques Francaises</i> , 2017, 75, 176-184.	0.4	33
39	Hyperlipidemia Alters the Pharmacokinetics of Posaconazole and Vincristine Upon Co-Administration in Rats. <i>Drugs in R and D</i> , 2017, 17, 287-296.	1.1	9
40	New simple spectrophotometric method for determination of the antiviral mixture of emtricitabine and tenofovir disoproxil fumarate. <i>Arabian Journal of Chemistry</i> , 2017, 10, S1741-S1747.	2.3	15
41	HPLC-DAD stability indicating determination of pentoxyverine citrate. Application to degradation kinetics and assay of syrup dosage form. <i>Arabian Journal of Chemistry</i> , 2017, 10, S2908-S2918.	2.3	7
42	Validated stability-indicating HPLC-DAD method of analysis for the antihypertensive triple mixture of amlodipine besylate, valsartan and hydrochlorothiazide in their tablets. <i>Arabian Journal of Chemistry</i> , 2017, 10, S1381-S1394.	2.3	24
43	Validated Spectrophotometric and RP-HPLC-DAD Methods for the Determination of Ursodeoxycholic Acid Based on Derivatization with 2-Nitrophenylhydrazine. <i>Journal of AOAC INTERNATIONAL</i> , 2017, 100, 677-685.	0.7	4
44	Validated HPTLC method for the simultaneous determination of cinnarizine and dimenhydrinate in their combined dosage form. <i>Journal of the Association of Arab Universities for Basic and Applied Sciences</i> , 2016, 19, 15-22.	1.0	9
45	The effect of increased lipoproteins levels on the disposition of vincristine in rat. <i>Lipids in Health and Disease</i> , 2016, 15, 152.	1.2	8
46	High-performance liquid chromatography with diode array detection method for the simultaneous determination of seven selected phosphodiesterase-5 inhibitors and serotonin reuptake inhibitors used as male sexual enhancers. <i>Journal of Separation Science</i> , 2016, 39, 1656-1665.	1.3	28
47	The effect of hyperlipidemia on the pharmacokinetics, hepatic and pulmonary uptake of posaconazole in rat. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 91, 190-195.	1.9	11
48	Selective determination of dimenhydrinate in presence of six of its related substances and potential impurities using a direct GC/MS method. <i>Journal of Advanced Research</i> , 2016, 7, 53-58.	4.4	5
49	A validated stability-indicating HPLC-DAD method for simultaneous determination of econazole nitrate, triamcinolone acetonide, benzoic acid and butylated hydroxyanisole in cream dosage form. <i>Analytical Methods</i> , 2016, 8, 2185-2200.	1.3	19
50	Validated spectrophotometric and chromatographic methods for simultaneous determination of ketorolac tromethamine and phenylephrine hydrochloride. <i>Annales Pharmaceutiques Francaises</i> , 2016, 74, 267-282.	0.4	10
51	Validated spectrophotometric methods for determination of sodium valproate based on charge transfer complexation reactions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 155, 47-53.	2.0	30
52	High Performance Liquid Chromatographic Assay for the Simultaneous Determination of Posaconazole and Vincristine in Rat Plasma. <i>International Journal of Analytical Chemistry</i> , 2015, 2015, 1-6.	0.4	6
53	GC-MS analysis of the regioisomeric methoxy- and methyl-benzoyl-1-pentylindoles: Isomeric synthetic cannabinoids. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2015, 55, 291-298.	1.3	11
54	Development and validation of HPLC-DAD method for the simultaneous determination of amoxicillin, metronidazole and rabeprazole sodium. Application to spiked simulated intestinal fluid samples. <i>Annales Pharmaceutiques Francaises</i> , 2015, 73, 351-360.	0.4	9

#	ARTICLE	IF	CITATIONS
55	Mass spectral studies on 1-(1-pentyl-3-(1-naphthoyl)indole (JWH-018), three deuterium-labeled analogues and the inverse isomer 1-naphthoyl-3-pentylindole. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 871-877.	0.7	19
56	GC-MS studies on the six naphthoyl-substituted 1-n-pentyl-indoles: JWH-018 and five regioisomeric equivalents. <i>Forensic Science International</i> , 2015, 252, 107-113.	1.3	23
57	Validated Selective HPLC-DAD Method for the Simultaneous Determination of Diclofenac Sodium and Lidocaine Hydrochloride in Presence of Four of Their Related Substances and Potential Impurities. <i>Acta Chromatographica</i> , 2015, 27, 477-493.	0.7	18
58	Stability-Indicating Determination of Trimetazidine Dihydrochloride in the Presence of Two of its Related Substances Using a Direct GC/MS Method. <i>Journal of AOAC INTERNATIONAL</i> , 2014, 97, 1514-1518.	0.7	10
59	Validated HPTLC methods for determination of some selected antihypertensive mixtures in their combined dosage forms. <i>Bulletin of Faculty of Pharmacy, Cairo University</i> , 2014, 52, 225-237.	0.2	6
60	A Comparative Study of Newly Developed HPLC-DAD and UHPLC-UV Assays for the Determination of Posaconazole in Bulk Powder and Suspension Dosage Form. <i>Journal of Analytical Methods in Chemistry</i> , 2014, 2014, 1-7.	0.7	11
61	Validated stability-indicating HPLC-DAD method for determination of the phosphodiesterase (PDE-4) inhibitor roflumilast. <i>Bulletin of Faculty of Pharmacy, Cairo University</i> , 2014, 52, 79-89.	0.2	5
62	Validated spectrofluorimetric determination of two pharmaceutical antihypertensive mixtures containing amlodipine besylate together with either candesartan cilexetil or telmisartan. <i>Luminescence</i> , 2014, 29, 893-900.	1.5	20
63	Validated HPTLC method for the simultaneous determination of alfuzosin, terazosin, prazosin, doxazosin and finasteride in pharmaceutical formulations. <i>Analytical Chemistry Research</i> , 2014, 1, 23-31.	2.0	25
64	A validated HPLC method for the simultaneous determination of naftidrofuryl oxalate and its degradation product (metabolite), naftidrofuryl acid: applications to pharmaceutical tablets and biological samples. <i>Drug Testing and Analysis</i> , 2013, 5, 500-508.	1.6	6
65	Validated Stability-Indicating HPLC-DAD Determination of the Antihypertensive Binary Mixture of Carvedilol and Hydrochlorothiazide in Tablet Dosage Forms. <i>Chromatographia</i> , 2013, 76, 1707-1720.	0.7	19
66	HPLC-DAD stability indicating determination of nizatidine in bulk and capsules dosage form. <i>Bulletin of Faculty of Pharmacy, Cairo University</i> , 2013, 51, 185-191.	0.2	4
67	New simple spectrophotometric method for determination of the binary mixtures (atorvastatin) <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i> <i>Pharmaceutical Analysis</i> , 2013, 3, 118-126.	2.4	35
68	Validated Stability-Indicating HPLC-DAD Method for the Simultaneous Determination of Diclofenac Sodium and Diflunisal in Their Combined Dosage Form. <i>Scientia Pharmaceutica</i> , 2013, 81, 713-731.	0.7	22
69	Gradient HPLC-DAD Stability Indicating Determination of Miconazole Nitrate and Lidocaine Hydrochloride in their Combined Oral Gel Dosage Form. <i>Journal of Chromatographic Science</i> , 2012, 50, 401-409.	0.7	18
70	Gradient HPLC-DAD Determination of Two Pharmaceutical Mixtures Containing the Antihistaminic Drug Ebastine. <i>Journal of Chromatographic Science</i> , 2012, 50, 862-868.	0.7	10
71	GRADIENT HPLC-DAD DETERMINATION OF THE ANTIHYPERTENSIVE MIXTURE OF AMLODIPINE BESYLATE, VALSARTAN, AND HYDROCHLOROTHIAZIDE IN COMBINED PHARMACEUTICAL TABLETS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012, 35, 215-230.	0.5	13
72	HPLC-DAD STABILITY INDICATING DETERMINATION OF THE FIXED-DOSE COMBINATION OF NIFUROXAZIDE AND DROTAVERINE HYDROCHLORIDE IN CAPSULES. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012, 35, 2001-2020.	0.5	15

#	ARTICLE	IF	CITATIONS
73	Gradient HPLC-Diode Array Detector Stability-Indicating Determination of Lidocaine Hydrochloride and Cetylpyridinium Chloride in Two Combined Oral Gel Dosage Forms. Journal of AOAC INTERNATIONAL, 2011, 94, 503-512.	0.7	6
74	Gradient HPLC-diode array detector stability-indicating determination of lidocaine hydrochloride and cetylpyridinium chloride in two combined oral gel dosage forms. Journal of AOAC INTERNATIONAL, 2011, 94, 503-12.	0.7	2
75	Simultaneous spectrofluorimetric determination of amlodipine besylate and valsartan in their combined tablets. Drug Testing and Analysis, 2010, 2, 489-493.	1.6	48
76	GC-IRD studies on regioisomeric ring substituted methoxy methyl phenylacetones related to 3,4-methylenedioxyphenylacetone. Forensic Science International, 2010, 194, 39-48.	1.3	4
77	Validated HPLC Determination of the Two Fixed Dose Combinations (Chlordiazepoxide Hydrochloride) Tj ETQq1 1 0.784314 rgBT /Ov AOAC INTERNATIONAL, 2010, 93, 1192-1200.	0.7	26
78	GC-MS Studies on Side Chain Regioisomers Related to Substituted Methylenedioxyphenethylamines: MDEA, MDMMA, and MBDB. Journal of Chromatographic Science, 2010, 48, 726-732.	0.7	1
79	HPLC-DAD Stability Indicating Determination of Nitrofurazone and Lidocaine Hydrochloride in Their Combined Topical Dosage Form. Journal of Chromatographic Science, 2010, 48, 647-653.	0.7	34
80	Kinetic spectrophotometric analysis of naftidrofuryl oxalate and vincamine in pharmaceutical preparations using alkaline potassium permanganate. Journal of Food and Drug Analysis, 2010, 17, .	0.9	0
81	A validated HPLC method for the simultaneous determination of vincamine and its potential degradant (metabolite), vincaminic acid: Applications to pharmaceutical formulations and pharmacokinetic studies. Journal of Food and Drug Analysis, 2010, 18, .	0.9	0
82	GC and Mass Spectral Studies on Acylated Side Chain Regioisomers of 3-Methoxy-4-methyl-phenethylamine and 4-Methoxy-3-methyl-phenethylamine. Journal of Chromatographic Science, 2009, 47, 279-286.	0.7	5
83	GC-MS Evaluation of a Series of Acylated Derivatives of 3,4-Methylenedioxymethamphetamine. Journal of Chromatographic Science, 2009, 47, 359-364.	0.7	7
84	GC-IRD methods for the identification of isomeric ethoxyphenethylamines and methoxymethcathinones. Forensic Science International, 2009, 184, 54-63.	1.3	38
85	Comparison of GC-MS and GC-IRD methods for the differentiation of methamphetamine and regioisomeric substances. Forensic Science International, 2009, 185, 67-77.	1.3	34
86	Determination of Paracetamol and Tramadol Hydrochloride in Pharmaceutical Mixture Using HPLC and GC-MS. Journal of Chromatographic Science, 2009, 47, 849-854.	0.7	85
87	Spectrophotometric, spectrofluorimetric and voltammetric analyses of naftidrofuryl oxalate in its tablets. International Journal of Biomedical Science, 2009, 5, 283-92.	0.5	0
88	A Simple and Sensitive Spectrofluorimetric Method for Analysis of Some Nitrofuran Drugs in Pharmaceutical Preparations. Journal of Fluorescence, 2008, 18, 771-780.	1.3	19
89	GC-MS studies on acylated derivatives of 3-methoxy-4-methyl- and 4-methoxy-3-methyl-phenethylamines: Regioisomers related to 3,4-MDMA. Forensic Science International, 2008, 178, 61-82.	1.3	22
90	Derivative and Derivative Ratio Spectrophotometric Analysis of Antihypertensive Ternary Mixture of Amiloride Hydrochloride, Hydrochlorothiazide and Timolol Maleate. Journal of the Chinese Chemical Society, 2008, 55, 971-978.	0.8	23

#	ARTICLE	IF	CITATIONS
91	Kinetic Spectrophotometric Analysis and Spectrofluorimetric Analysis of Ciprofloxacin Hydrochloride and Norfloxacin in Pharmaceutical Preparations Using 4-Chloro-7-Nitrobenzo[1,3-Diazole (NBD-Cl). Journal of the Chinese Chemical Society, 2008, 55, 818-827.	0.8	10
92	Selective and Stability-Indicating Methods for the Simultaneous Determination of Mexiletine Hydrochloride and/or Its Related Substance: 2,6-Dimethylphenol. Journal of AOAC INTERNATIONAL, 2008, 91, 720-730.	0.7	4
93	Selective and stability-indicating methods for the simultaneous determination of mexiletine hydrochloride and/or its related substance: 2,6-dimethylphenol. Journal of AOAC INTERNATIONAL, 2008, 91, 720-30.	0.7	0
94	High-Performance Liquid Chromatographic Determination of Proquazone and Its m-Hydroxy Metabolite in Spiked Human Plasma and Urine. Journal of AOAC INTERNATIONAL, 2007, 90, 971-976.	0.7	0
95	Differential pulse cathodic voltammetric determination of floctafenine and metopimazine. Journal of Pharmaceutical and Biomedical Analysis, 2007, 43, 1535-1539.	1.4	5
96	Adsorptive stripping voltammetric behaviour of azomethine group in pyrimidine-containing drugs. Journal of Pharmaceutical and Biomedical Analysis, 2004, 34, 509-516.	1.4	21
97	Spectrofluorimetric determination of 2-aminopyridine as a potential impurity in piroxicam and tenoxicam within the pharmacopoeial limit. Journal of Pharmaceutical and Biomedical Analysis, 2004, 34, 221-226.	1.4	23
98	Spectrophotometric Determination of Bisacodyl and Piribedil. Analytical Letters, 2004, 37, 247-262.	1.0	16
99	Sensitive spectrofluorimetric and spectrophotometric methods for the determination of thonzylamine hydrochloride in pharmaceutical preparations based on coupling with dimethylbarbituric acid in presence of dicyclohexylcarbodiimide. Journal of Pharmaceutical and Biomedical Analysis, 2000, 22, 257-264.	1.4	12