

Alaa M Khedr

List of Publications by Year in descending order

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49
papers

865
citations

516215

16
h-index

500791

28
g-index

50
all docs

50
docs citations

50
times ranked

1137
citing authors

#	ARTICLE	IF	CITATIONS
1	Fingolimod interrupts the cross talk between estrogen metabolism and sphingolipid metabolism within prostate cancer cells. <i>Toxicology Letters</i> , 2018, 291, 77-85.	0.4	127
2	Optimized extraction method for LC-MS determination of bisphenol A, melamine and di(2-ethylhexyl) phthalate in selected soft drinks, syringes, and milk powder. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 930, 98-103.	1.2	66
3	Optimization of self-nanoemulsifying systems for the enhancement of <i>in vivo</i> hypoglycemic efficacy of glimepiride transdermal patches. <i>Expert Opinion on Drug Delivery</i> , 2014, 11, 1005-1013.	2.4	51
4	Simple fluorimetric method for determination of certain antiviral drugs via their oxidation with cerium (IV). <i>Il Farmaco</i> , 2005, 60, 555-562.	0.9	50
5	3-bromomethyl-propyphenazone as a new derivatization reagent for high performance liquid chromatography of captopril and hydrochlorothiazide with UV-detection. <i>Biomedical Chromatography</i> , 1998, 12, 57-60.	0.8	48
6	Bioactive Secondary Metabolites from the Red Sea Marine Verongid Sponge <i>Suberea</i> Species. <i>Marine Drugs</i> , 2015, 13, 1621-1631.	2.2	40
7	Antihyperglycemic activity of <i>Caralluma tuberculata</i> in streptozotocin-induced diabetic rats. <i>Food and Chemical Toxicology</i> , 2013, 59, 111-117.	1.8	33
8	Leptin influences estrogen metabolism and accelerates prostate cell proliferation. <i>Life Sciences</i> , 2015, 121, 10-15.	2.0	31
9	Biological and metabolic study of naproxen-propyphenazone mutual prodrug. <i>European Journal of Pharmaceutical Sciences</i> , 2002, 17, 121-130.	1.9	30
10	Spectrophotometric determination of epinephrine and norepinephrine with sodium periodate. <i>Talanta</i> , 1990, 37, 625-627.	2.9	26
11	Bioactive alkaloids from the Red Sea marine Verongid sponge <i>Pseudoceratina arabica</i> . <i>Tetrahedron</i> , 2015, 71, 7837-7841.	1.0	25
12	Liquid chromatography-tandem mass spectrometric analysis of ten estrogen metabolites at sub-picogram levels in breast cancer women. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1031, 181-188.	1.2	25
13	Stereoselective metabolic study of famprofazone. <i>Biomedical Chromatography</i> , 1997, 11, 356-361.	0.8	19
14	On-line Precolumn Derivatization for HPLC Determination of Methotrexate Using a Column Packed Oxidant. , 1997, 11, 42-46.		18
15	Quantitative Thin-Layer Chromatographic Method of Analysis of Azithromycin in Pure and Capsule Forms. <i>Journal of Chromatographic Science</i> , 2003, 41, 10-16.	0.7	18
16	Sensitive determination of ranitidine in rabbit plasma by HPLC with fluorescence detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 862, 175-180.	1.2	18
17	Local inflammation influences oestrogen metabolism in prostatic tissue. <i>BJU International</i> , 2012, 110, 274-282.	1.3	18
18	Profiling of esterified fatty acids as biomarkers in the blood of dengue fever patients using a microliter-scale extraction followed by gas chromatography and mass spectrometry. <i>Journal of Separation Science</i> , 2015, 38, 316-324.	1.3	15

#	ARTICLE	IF	CITATIONS
19	Rapid and Specific Precolumn Extraction High-Performance Liquid Chromatographic Assay for Bupivacaine in Human Serum. , 1996, 10, 131-134.		14
20	Simple and sensitive spectrophotometric methods for determination of amantadine hydrochloride. Journal of Applied Spectroscopy, 2006, 73, 792-797.	0.3	14
21	Stress degradation studies on betahistine and development of a validated stability-indicating assay method. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 869, 111-117.	1.2	14
22	Analysis of abiraterone stress degradation behavior using liquid chromatography coupled to ultraviolet detection and electrospray ionization mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2013, 74, 77-82.	1.4	14
23	Enhancement of <i>In Vitro&/i> Skin Transport and <i>In Vivo&/i> Hypoglycemic Efficacy of Glimepiride Transdermal Patches. Tropical Journal of Pharmaceutical Research, 2014, 13, 1207.	0.2	14
24	Sensitive determination of trimetazidine in spiked human plasma by HPLC with fluorescence detection after pre-column derivatization with 9-fluorenylmethyl chloroformate. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 856, 337-342.	1.2	13
25	Cytotoxic effects of three new metabolites from Red Sea marine sponge, Petrosia sp.. Environmental Toxicology and Pharmacology, 2014, 37, 928-935.	2.0	13
26	Phospholipidomic identification of potential serum biomarkers in dengue fever, hepatitis B and hepatitis C using liquid chromatography-electrospray ionization-tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1009-1010, 44-54.	1.2	11
27	Stability-Indicating Thin-Layer Chromatographic Method for Quantitative Determination of Ribavirin. Journal of Chromatographic Science, 2008, 46, 4-9.	0.7	10
28	Influence of various concentrations of terpene-4-ol enhancer and carbopol-934 mucoadhesive upon the in vitro ocular transport and the in vivo intraocular pressure lowering effects of dorzolamide ophthalmic formulations using albino rabbits. Journal of Pharmaceutical Sciences, 2010, 99, 119-127.	1.6	10
29	Stability-Indicating High-Performance Liquid Chromatographic Assay of Buspirone HCl. Journal of Chromatographic Science, 1999, 37, 462-468.	0.7	9
30	Liquid chromatography-tandem mass spectrometric determination of propofol in rat serum and hair at attogram level after derivatization with 3-bromomethyl-propyphenazone. Journal of Pharmaceutical and Biomedical Analysis, 2017, 134, 195-202.	1.4	9
31	A sensitive liquid chromatography-tandem mass spectrometric method for determination of five β -blockers after labeling with either hydrazonoyl chloride or dansyl chloride reagent. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1160, 122383.	1.2	9
32	High-Performance Liquid Chromatographic Stability Indicating Assay Method of Tianeptine Sodium with Simultaneous Fluorescence and UV Detection. Journal of Chromatographic Science, 2007, 45, 305-310.	0.7	7
33	The profile of free amino acids in latent fingerprint of healthy and beta-thalassemic volunteers. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2010, 878, 1576-1582.	1.2	6
34	STABILITY INDICATING TLC METHOD FOR THE DETERMINATION OF ROSUVASTATIN AND IDENTIFICATION OF SOME DEGRADATION PRODUCTS USING ELECTROSPRAY IONIZATION MASS SPECTROMETRY. Journal of Liquid Chromatography and Related Technologies, 2014, 37, 1114-1132.	0.5	6
35	High-Performance Liquid Chromatographic Method for Determination of Phenytoin in Rabbits Receiving Sildenafil. Analytical Chemistry Insights, 2008, 3, ACI.S658.	2.7	5
36	Quantitative thin-layer chromatographic method for determination of amantadine hydrochloride. International Journal of Biomedical Science, 2008, 4, 155-60.	0.5	5

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37	Analysis of rosuvastatin stress degradation behavior using liquid chromatography coupled to ultraviolet detection and electrospray ionization mass spectrometry. <i>Analytical Methods</i> , 2013, 5, 6494.	1.3	4
38	Multi-Steps Fragmentation-Ion Trap Mass Spectrometry Coupled to Liquid Chromatography Diode Array System for Investigation of Olaparib Related Substances. <i>Molecules</i> , 2019, 24, 843.	1.7	4
39	Liquid chromatography-diode array-mass spectrometric analysis of amino and mercapto compounds coupled with chloroimino derivatization reagent. <i>Journal of Chromatography A</i> , 2020, 1621, 461078.	1.8	4
40	High-Performance Liquid Chromatography of \pm -Amino acids and Aztreonam on Reversed Phase Columns with Aqueous Cu ²⁺ as Eluent. , 1996, 10, 167-171.		3
41	Stability-indicating high-performance liquid chromatographic assay of atorvastatin with fluorescence detection. <i>Journal of AOAC INTERNATIONAL</i> , 2007, 90, 1547-53.	0.7	3
42	Liquid Chromatographic Method for the Analysis of Buspirone HCl and Its Potential Impurities. <i>Journal of Chromatographic Science</i> , 2000, 38, 151-156.	0.7	2
43	Effects of (âˆ™)â€œcarveol and HPMC on the in vitro ocular transport and the in vivo intraocular pressure lowering effects of dorzolamide formulations in normotensive New Zealand rabbits. <i>Drug Development Research</i> , 2009, 70, 191-198.	1.4	2
44	A new approach for characterization of phosphatidylcholines and <i>lyso</i>phosphatidylcholine in human plasma. <i>Bioanalysis</i> , 2020, 12, 191-204.	0.6	2
45	Abstract 543: Estrogen metabolism within prostatic micro-milieu: insights to prostatic carcinogenesis. , 2012, , .		0
46	Abstract 4507: Intra-tumoral pharmacokinetic profiling for doxorubicin within solid tumor micromilieu using multicellular layers culture in-vitro. , 2015, , .		0
47	Abstract 4505: Activity and avascular penetration of FTY720 (fingolimod) and its non-immune suppressant analogue (OSU2S) within three dimensional tissue culture model of colorectal cancer. , 2015, , .		0
48	Abstract 2115: Therapeutic potential of fingolimod against prostate cancer cells is partly attributed to interrupting the cross talk between estrogen and sphingolipid metabolisms. , 2017, , .		0
49	Optimized Gas Chromatography-Mass Spectrometric Method to Profile Esterified Fatty Acids in Fish Roe and Fish Oil. <i>Indian Journal of Pharmaceutical Sciences</i> , 2018, 80, .	1.0	0