

Anas El Aneed

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7688774/publications.pdf>

Version: 2024-02-01

60
papers

2,275
citations

394421

19
h-index

214800

47
g-index

61
all docs

61
docs citations

61
times ranked

3601
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of phytosterol oxidation products in pharmaceutical liposomal formulations and plant vegetable oil extracts using novel fast liquid chromatography - Tandem mass spectrometric methods. <i>Analytica Chimica Acta</i> , 2022, 1194, 339404.	5.4	5
2	A High-Throughput Fast Chromatography-Tandem Mass Spectrometry-Based Method for Deoxynivalenol Quantification in Wheat Grain. <i>PhytoFrontiers</i> , 2022, 2, 322-330.	1.6	1
3	STRATEGIES AND CHALLENGES IN METHOD DEVELOPMENT AND VALIDATION FOR THE ABSOLUTE QUANTIFICATION OF ENDOGENOUS BIOMARKER METABOLITES USING LIQUID CHROMATOGRAPHY&TANDEM MASS SPECTROMETRY. <i>Mass Spectrometry Reviews</i> , 2021, 40, 31-52.	5.4	49
4	Analytical Strategies to Analyze the Oxidation Products of Phytosterols, and Formulation-Based Approaches to Reduce Their Generation. <i>Pharmaceutics</i> , 2021, 13, 268.	4.5	14
5	Novel Fast Chromatography-Tandem Mass Spectrometric Quantitative Approach for the Determination of Plant-Extracted Phytosterols and Tocopherols. <i>Molecules</i> , 2021, 26, 1402.	3.8	5
6	Establishment of the tandem mass spectrometric fingerprints of taxane&based anticancer compounds. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9107.	1.5	8
7	Qualitative assessment of patients&TM perspectives and needs from community pharmacists in substance use disorder management. <i>Substance Abuse Treatment, Prevention, and Policy</i> , 2021, 16, 38.	2.2	6
8	An Untargeted Metabolomics Approach for Correlating Pulse Crop Seed Coat Polyphenol Profiles with Antioxidant Capacity and Iron Chelation Ability. <i>Molecules</i> , 2021, 26, 3833.	3.8	20
9	Development and validation of patient-community pharmacist encounter toolkit regarding substance misuse: Delphi procedure. <i>Journal of the American Pharmacists Association: JAPhA</i> , 2021, , .	1.5	2
10	Liquid chromatography-tandem mass spectrometry bioanalytical method for the determination of kavain in mice plasma: Application to a pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1137, 121939.	2.3	5
11	Fast Quantification Without Conventional Chromatography, The Growing Power of Mass Spectrometry. <i>Analytical Chemistry</i> , 2020, 92, 8628-8637.	6.5	17
12	The simultaneous quantification of phytosterols and tocopherols in liposomal formulations using validated atmospheric pressure chemical ionization- liquid chromatography &tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 183, 113104.	2.8	10
13	Mass Spectrometric Detection and Characterization of Metabolites of Gemini Surfactants Used as Gene Delivery Vectors. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 366-378.	2.8	5
14	Cellular Uptake and Distribution of Gemini Surfactant Nanoparticles Used as Gene Delivery Agents. <i>AAPS Journal</i> , 2019, 21, 98.	4.4	9
15	Tandem mass spectrometric analysis of novel caffeine scaffold&based bifunctional compounds for Parkinson's disease. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 1792-1803.	1.5	7
16	Development of a new quantification method for organic acids in urine as potential biomarkers for respiratory illness. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1122-1123, 29-38.	2.3	8
17	Peptide-Modified Gemini Surfactants: Preparation and Characterization for Gene Delivery. <i>Methods in Molecular Biology</i> , 2019, 2000, 203-225.	0.9	3
18	The Establishment of Tandem Mass Spectrometric Fingerprints of Phytosterols and Tocopherols and the Development of Targeted Profiling Strategies in Vegetable Oils. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 1700-1712.	2.8	22

#	ARTICLE	IF	CITATIONS
19	Development and Characterization of Liposomal Formulations Containing Phytosterols Extracted from Canola Oil Deodorizer Distillate along with Tocopherols as Food Additives. <i>Pharmaceutics</i> , 2019, 11, 185.	4.5	35
20	Investigation into spinal anesthetic failure with hyperbaric bupivacaine: the role of cold exposure on bupivacaine degradation. <i>Canadian Journal of Anaesthesia</i> , 2019, 66, 803-812.	1.6	3
21	Qualitative exploration of the education and skill needs of community pharmacists in Saskatoon concerning substance use disorder. <i>Canadian Pharmacists Journal</i> , 2019, 152, 117-129.	0.8	5
22	The determination of gemini surfactants used as gene delivery agents in cellular matrix using validated tandem mass spectrometric method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 164, 164-172.	2.8	3
23	Quantitative determination of potential urine biomarkers of respiratory illnesses using new targeted metabolomic approach. <i>Analytica Chimica Acta</i> , 2019, 1047, 81-92.	5.4	17
24	Comparative analysis of creatinine and osmolality as urine normalization strategies in targeted metabolomics for the differential diagnosis of asthma and COPD. <i>Metabolomics</i> , 2018, 14, 115.	3.0	25
25	Molecular Engineering as an Approach To Modulate Gene Delivery Efficiency of Peptide-Modified Gemini Surfactants. <i>Bioconjugate Chemistry</i> , 2018, 29, 3293-3308.	3.6	9
26	Comparison of accuracy and precision between multipoint calibration, single point calibration, and relative quantification for targeted metabolomic analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 5899-5913.	3.7	15
27	The development of simple flow injection analysis tandem mass spectrometric methods for the cutaneous determination of peptide-modified cationic gemini surfactants used as gene delivery vectors. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 159, 536-547.	2.8	6
28	Mass spectrometric based approaches in urine metabolomics and biomarker discovery. <i>Mass Spectrometry Reviews</i> , 2017, 36, 115-134.	5.4	230
29	Tandem mass spectrometric analysis of novel peptide-modified gemini surfactants used as gene delivery vectors. <i>Journal of Mass Spectrometry</i> , 2017, 52, 353-366.	1.6	6
30	Mass Spectrometric Approaches for the Analysis of Phytosterols in Biological Samples. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 10141-10156.	5.2	39
31	Development of a validated LC- MS/MS method for the quantification of 19 endogenous asthma/COPD potential urinary biomarkers. <i>Analytica Chimica Acta</i> , 2017, 989, 45-58.	5.4	33
32	Rapid and simple flow injection analysis tandem mass spectrometric method for the quantification of melphalan in a lipid-based drug delivery system. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 1481-1490.	1.5	5
33	Hydrophilic interaction liquid chromatography-tandem mass spectrometry quantitative method for the cellular analysis of varying structures of gemini surfactants designed as nanomaterial drug carriers. <i>Journal of Chromatography A</i> , 2016, 1446, 114-124.	3.7	6
34	The Development of Novel Nanodiamond Based MALDI Matrices for the Analysis of Small Organic Pharmaceuticals. <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 1686-1693.	2.8	12
35	Analysis of a series of chlorogenic acid isomers using differential ion mobility and tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2016, 933, 164-174.	5.4	98
36	Establishment of tandem mass spectrometric fingerprint of novel antineoplastic curcumin analogues using electrospray ionization. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 1307-1316.	1.5	5

#	ARTICLE	IF	CITATIONS
37	Development and validation of fast and simple flow injection analysis-tandem mass spectrometry (FIA-MS/MS) for the determination of metformin in dog serum. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 107, 229-235.	2.8	35
38	Mass Spectrometry, Review of the Basics: Ionization. <i>Applied Spectroscopy Reviews</i> , 2015, 50, 158-175.	6.7	108
39	The development and assessment of high-throughput mass spectrometry-based methods for the quantification of a nanoparticle drug delivery agent in cellular lysate. <i>Journal of Mass Spectrometry</i> , 2014, 49, 1171-1180.	1.6	13
40	The unexpected formation of [M+H] ⁺ species during MALDI and dopant-free APPI MS analysis of novel antineoplastic curcumin analogues. <i>Journal of Mass Spectrometry</i> , 2014, 49, 1139-1147.	1.6	16
41	Multi-stage tandem mass spectrometric analysis of novel cyclodextrin-substituted and novel bis-pyridinium gemini surfactants designed as nanomedical drug delivery agents. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 757-772.	1.5	16
42	A general liquid chromatography tandem mass spectrometry method for the quantitative determination of diquatery ammonium gemini surfactant drug delivery agents in mouse keratinocytes cellular lysate. <i>Journal of Chromatography A</i> , 2013, 1294, 98-105.	3.7	18
43	Qualitative investigation of barriers to accessing care by people who inject drugs in Saskatoon, Canada: perspectives of service providers. <i>Substance Abuse Treatment, Prevention, and Policy</i> , 2013, 8, 35.	2.2	53
44	Enantioselectivity of mass spectrometry: Challenges and promises. <i>Mass Spectrometry Reviews</i> , 2013, 32, 466-483.	5.4	65
45	Qualitative assessment of crisis services among persons using injection drugs in the city of Saskatoon. <i>Journal of Substance Use</i> , 2013, 18, 3-11.	0.7	9
46	Design and evaluation of cyclodextrin-based delivery systems to incorporate poorly soluble curcumin analogs for the treatment of melanoma. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 81, 548-556.	4.3	42
47	Development of Lyophilized Gemini Surfactant-Based Gene Delivery Systems: Influence of Lyophilization on the Structure, Activity and Stability of the Lipoplexes. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2012, 15, 548.	2.1	18
48	Mass spectrometric analysis of amino acid/di-peptide modified gemini surfactants used as gene delivery agents: Establishment of a universal mass spectrometric fingerprint. <i>International Journal of Mass Spectrometry</i> , 2012, 309, 182-191.	1.5	7
49	Tandem mass spectrometric analysis of novel diquatery ammonium gemini surfactants and their bromide adducts in electrospray positive ion mode ionization. <i>Journal of Mass Spectrometry</i> , 2011, 46, 1060-1070.	1.6	16
50	Structural investigation of bacterial lipopolysaccharides by mass spectrometry and tandem mass spectrometry. <i>Mass Spectrometry Reviews</i> , 2010, 29, 606-650.	5.4	55
51	Tandem Mass Spectrometric Analysis of the Novel Gemini Surfactant Nanoparticle Families G12-s and G18:1-s. <i>Spectroscopy Letters</i> , 2010, 43, 447-457.	1.0	16
52	Mass Spectrometry, Review of the Basics: Electrospray, MALDI, and Commonly Used Mass Analyzers. <i>Applied Spectroscopy Reviews</i> , 2009, 44, 210-230.	6.7	235
53	Establishment of mass spectrometric fingerprints of novel synthetic cholesteryl neoglycolipids: The presence of a unique C-glycoside species during electrospray ionization and during collision-induced dissociation tandem mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2007, 18, 294-310.	2.8	10
54	Structural determination of the novel fragmentation routes of morphine opiate receptor antagonists using electrospray ionization quadrupole time-of-flight tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 2519-2519.	1.5	1

#	ARTICLE	IF	CITATIONS
55	Proteomics in the diagnosis of hepatocellular carcinoma: focus on high risk hepatitis B and C patients. <i>Anticancer Research</i> , 2006, 26, 3293-300.	1.1	33
56	In situ formation of C-glycosides during electrospray ionization tandem mass spectrometry of a series of synthetic amphiphilic cholesteryl polyethoxy neoglycolipids containing N-acetyl-D-glucosamine. <i>Journal of the American Society for Mass Spectrometry</i> , 2005, 16, 565-570.	2.8	13
57	Elucidation of the molecular structure of lipid A isolated from both a rough mutant and a wild strain of <i>Aeromonas salmonicida</i> lipopolysaccharides using electrospray ionization quadrupole time-of-flight tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 1683-1695.	1.5	30
58	Structural determination of the novel fragmentation routes of morphine opiate receptor antagonists using electrospray ionization quadrupole time-of-flight tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 3119-3130.	1.5	17
59	An overview of current delivery systems in cancer gene therapy. <i>Journal of Controlled Release</i> , 2004, 94, 1-14.	9.9	629
60	Current strategies in cancer gene therapy. <i>European Journal of Pharmacology</i> , 2004, 498, 1-8.	3.5	72