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List of Publications by Year in descending order

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51
papers

1,672
citations

393982

19
h-index

301761

39
g-index

51
all docs

51
docs citations

51
times ranked

2859
citing authors

#	ARTICLE	IF	CITATIONS
1	E-Liquids from Seven European Countriesâ€“Warnings Analysis and Freebase Nicotine Content. <i>Toxics</i> , 2022, 10, 51.	1.6	3
2	Characterization of molecularly imprinted polymers for the extraction of tobacco alkaloids and their metabolites in human urine. <i>Biomedical Chromatography</i> , 2022, 36, e5361.	0.8	5
3	Intact quantitative bioanalytical method development and fit-for-purpose validation of a monoclonal antibody and its related fab fragment in human vitreous and aqueous humor using LC-HRMS. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 4189-4202.	1.9	1
4	Comparison of methods for quantitative analysis of ranibizumab and bevacizumab in human plasma using various bioanalytical techniques, including microfluidic immunoassay, triple quadrupole, and high-resolution liquid chromatography-tandem mass spectrometry approaches. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 217, 114823.	1.4	2
5	Impact of flavors and humectants on waterpipe tobacco smoking topography, subjective effects, toxicant exposure and intentions for continued use. <i>Tobacco Control</i> , 2021, 30, 366-372.	1.8	11
6	Growing Trends in the Efficient and Selective Extraction of Compounds in Complex Matrices Using Molecularly Imprinted Polymers and Their Relevance to Toxicological Analysis. <i>Journal of Analytical Toxicology</i> , 2021, 45, 312-321.	1.7	11
7	Impact of Membranes on In Vitro Release Assessment: a Case Study Using Dexamethasone. <i>AAPS PharmSciTech</i> , 2021, 22, 42.	1.5	4
8	Effect of Extracorporeal Membrane Oxygenation Support on the Plasma Levels of Commonly Utilized Catecholamines. <i>ASAIO Journal</i> , 2021, 67, e204-e206.	0.9	0
9	Optimization and method validation for the quantitative analysis of a monoclonal antibody and its related fab fragment in human plasma after intravitreal administration, using LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1164, 122474.	1.2	5
10	An examination of social and environmental determinants of secondhand smoke exposure among non-smoking adolescents. <i>Tobacco Prevention and Cessation</i> , 2021, 7, 1-12.	0.2	3
11	Potential factors affecting free base nicotine yield in electronic cigarette aerosols. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 1-11.	2.4	5
12	LC-MS/MS method for simultaneous quantification of dexamethasone and tobramycin in rabbit ocular biofluids. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1170, 122610.	1.2	3
13	A phase 1 clinical trial of SP16, a first-in-class anti-inflammatory LRP1 agonist, in healthy volunteers. <i>PLoS ONE</i> , 2021, 16, e0247357.	1.1	7
14	Impact of smoked cannabis on tobacco cigarette smoking intensity and subjective effects: A placebo-controlled, double-blind, within-subjects human laboratory study.. <i>Experimental and Clinical Psychopharmacology</i> , 2021, 29, 345-354.	1.3	2
15	Nicotine forms: why and how do they matter in nicotine delivery from electronic cigarettes?. <i>Expert Opinion on Drug Delivery</i> , 2020, 17, 1727-1736.	2.4	49
16	Intramuscular atenolol and levetiracetam reduce mortality in a rat model of paraoxonâ€“induced status epilepticus. <i>Annals of the New York Academy of Sciences</i> , 2020, 1480, 219-232.	1.8	1
17	An Analytical Perspective on Determination of Free Base Nicotine in E-Liquids. <i>Journal of Analytical Methods in Chemistry</i> , 2020, 2020, 1-12.	0.7	12
18	Historical Perspective of Proactive and Reactive Regulations of E-cigarettes to Combat Nicotine Addiction. <i>Journal of Addiction Medicine</i> , 2020, 14, 443-445.	1.4	8

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19	Quantitative Bioanalysis of Intact Large Molecules using Mass Spectrometry. <i>Journal of Applied Bioanalysis</i> , 2020, 6, 52-64.	0.2	3
20	Discovery of Second-Generation NLRP3 Inflammasome Inhibitors: Design, Synthesis, and Biological Characterization. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 9718-9731.	2.9	37
21	Effect of Vitamin C Infusion on Organ Failure and Biomarkers of Inflammation and Vascular Injury in Patients With Sepsis and Severe Acute Respiratory Failure. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 1261.	3.8	604
22	HIV-1 Tat and opioids act independently to limit antiretroviral brain concentrations and reduce blood-brain barrier integrity. <i>Journal of NeuroVirology</i> , 2019, 25, 560-577.	1.0	27
23	How Much Nicotine is in Your Electronic Cigarette Flavored Liquid?. <i>Tobacco Regulatory Science (discontinued)</i> , 2019, 5, 15-26.	0.2	2
24	Development and Validation of a Stability-Indicating Method for Bone Morphogenetic Protein-2. <i>Reviews in Separation Sciences</i> , 2019, 1, 3-16.	1.1	3
25	An Orally Available NLRP3 Inflammasome Inhibitor Prevents Western Diet-Induced Cardiac Dysfunction in Mice. <i>Journal of Cardiovascular Pharmacology</i> , 2018, 72, 303-307.	0.8	22
26	A Standardized Approach to Quantitative Analysis of Nicotine in e-Liquids Based on Peak Purity Criteria Using High-Performance Liquid Chromatography. <i>Journal of Analytical Methods in Chemistry</i> , 2018, 1-11.	0.7	22
27	Effects of electronic cigarette liquid solvents propylene glycol and vegetable glycerin on user nicotine delivery, heart rate, subjective effects, and puff topography. <i>Drug and Alcohol Dependence</i> , 2018, 188, 193-199.	1.6	54
28	Additive manufacturing of pharmaceuticals for precision medicine applications: A review of the promises and perils in implementation. <i>Additive Manufacturing</i> , 2018, 23, 319-328.	1.7	36
29	The Blue Lotus Flower (<i>Nymphaea caerulea</i>) Resin Used in a New Type of Electronic Cigarette, the Re-Buildable Dripping Atomizer. <i>Journal of Psychoactive Drugs</i> , 2017, 49, 175-181.	1.0	18
30	Quantitative determination of buprenorphine, naloxone and their metabolites in rat plasma using hydrophilic interaction liquid chromatography coupled with tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2017, 31, e3785.	0.8	11
31	Simvastatin promotes NPC1-mediated free cholesterol efflux from lysosomes through CYP7A1/LXR \pm signalling pathway in oxLDL-loaded macrophages. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 364-374.	1.6	9
32	Using Biorelevant Testing to Characterize Release of Non Oral Dosage Forms as another Tool for Safety. <i>Journal of Pharmacovigilance</i> , 2016, 04, .	0.2	2
33	Pharmacologic Inhibition of the NLRP3 Inflammasome Preserves Cardiac Function After Ischemic and Nonischemic Injury in the Mouse. <i>Journal of Cardiovascular Pharmacology</i> , 2015, 66, 1-8.	0.8	128
34	Safety studies of post-surgical buprenorphine therapy for mice. <i>Laboratory Animals</i> , 2015, 49, 100-110.	0.5	17
35	Pulmonary delivery of anorectic oxyntomodulin in rats: food intake suppression, reduced body weight gain and pharmacokinetics. <i>Therapeutic Delivery</i> , 2015, 6, 297-306.	1.2	2
36	An extended stable isotope-labeled signature peptide internal standard for tracking immunocapture of human plasma osteopontin for LC-MS/MS quantification. <i>Biomedical Chromatography</i> , 2015, 29, 1780-1782.	0.8	10

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37	Comparison of a stable isotope labeled (SIL) peptide and an extended SIL peptide as internal standards to track digestion variability of an unstable signature peptide during quantification of a cancer biomarker, human osteopontin, from plasma using capillary microflow LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1001, 156-168.	1.2	42
38	Simultaneous determination of lopinavir and three ester prodrugs by LC-MS/MS in lysates of BeWo cells. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 975, 84-90.	1.2	5
39	Discovery of 5-(4-Hydroxyphenyl)-3-oxo-pentanoic Acid [2-(5-Methoxy-1H-indol-3-yl)-ethyl]-amide as a Neuroprotectant for Alzheimer's Disease by Hybridization of Curcumin and Melatonin. <i>ACS Chemical Neuroscience</i> , 2014, 5, 690-699.	1.7	66
40	Simultaneous determination of gallic acid and gentisic acid in organic anion transporter expressing cells by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 937, 91-96.	1.2	26
41	Determination of oxyntomodulin, an anorectic polypeptide, in rat plasma using 2D-LC-MS/MS coupled with ion pair chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 903, 102-111.	1.2	20
42	Liquid chromatography-tandem mass spectrometry method for quantification of thymidine kinase activity in human serum by monitoring the conversion of 3-deoxy-3-fluorothymidine to 3-deoxy-3-fluorothymidine monophosphate. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 907, 13-20.	1.2	6
43	Monitoring cellular accumulation of 3-deoxy-3-fluorothymidine (FLT) and its monophosphate metabolite (FLT-MP) by LC-MS/MS as a measure of cell proliferation in vitro. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 2963-2970.	1.2	6
44	Microfluidic direct injection method for analysis of urinary 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanol (NNAL) using molecularly imprinted polymers coupled on-line with LC-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 54, 368-378.	1.4	21
45	Quantification of Alefacept, an immunosuppressive fusion protein in human plasma using a protein analogue internal standard, trypsin cleaved signature peptides and liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 789-798.	1.2	24
46	In Vitro Aqueous Fluid-Capacity-Limited Dissolution Testing of Respirable Aerosol Drug Particles Generated from Inhaler Products. <i>Pharmaceutical Research</i> , 2010, 27, 786-795.	1.7	71
47	A modified method for the determination of tobacco specific nitrosamine 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanol in human urine by solid phase extraction using a molecularly imprinted polymer and liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 1575-1582.	1.2	24
48	Monitoring phospholipids for assessment of ion enhancement and ion suppression in ESI and APCI LC/MS/MS for chlorpheniramine in human plasma and the importance of multiple source matrix effect evaluations. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 875, 333-343.	1.2	123
49	Assessment of matrix effects and determination of niacin in human plasma using liquid-liquid extraction and liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2008, 22, 1272-1278.	0.8	13
50	Development of a Liquid Chromatography-Negative ESI-Tandem Mass Spectrometry Method for Ibuprofen with Minimization of Matrix Effects Associated with Phospholipids. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2008, 31, 3194-3208.	0.5	3
51	Monitoring phospholipids for assessment of matrix effects in a liquid chromatography-tandem mass spectrometry method for hydrocodone and pseudoephedrine in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 859, 84-93.	1.2	83