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## Salting-out assisted liquid-liquid extraction for bioanalysis

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107	Salt-assisted LLE combined with field-amplified sample stacking in CE for improved determination of beta blocker drugs in human urine. <i>Bioanalysis</i> , <b>2014</b> , 6, 319-34	2.1	11
106	Development and validation of a method for the determination of nicotinic acid in human plasma using liquid chromatography-negative electrospray ionization tandem mass spectrometry and its application to a bioequivalence study. <b>2014</b> , 6, 8258-8267		4
105	Quantification of nerve agent biomarkers in human serum and urine. <b>2014</b> , 86, 11833-40		22
104	Biological sample preparation: attempts on productivity increasing in bioanalysis. <i>Bioanalysis</i> , <b>2014</b> , 6, 1691-710	2.1	30
103	Advanced sample preparation techniques prior to LC-MS. <b>2015</b> , 52-71		
102	High-throughput methods for LC-MS bioanalysis. <b>2015</b> , 22-38		
101	High-throughput salting-out-assisted liquid-liquid extraction for the simultaneous determination of atorvastatin, ortho-hydroxyatorvastatin, and para-hydroxyatorvastatin in human plasma using ultrafast liquid chromatography with tandem mass spectrometry. <b>2015</b> , 38, 1026-34		16
100	High-throughput salting-out assisted liquid-liquid extraction with acetonitrile for the determination of anandamide in plasma of hemodialysis patients with liquid chromatography tandem mass spectrometry. <b>2015</b> , 29, 1317-24		17
99	Recent advances in salt-assisted LLE for analyzing biological samples. <i>Bioanalysis</i> , <b>2015</b> , 7, 2187-93	2.1	18
98	Development and Validation of LC-MS/MS Assay for the Quantification of Progesterone in Rat Plasma and its Application to Pharmacokinetic Studies. <b>2015</b> , 65, 484-9		5
97	Salting-out assisted liquid-liquid extraction for the determination of biogenic amines in fruit juices and alcoholic beverages after derivatization with 1-naphthylisothiocyanate and high performance liquid chromatography. <b>2015</b> , 1422, 60-72		48
96	Biological Samples in Environmental Analysis: Preparation and Cleanup. <b>2016</b> , 1-14		
95	Salting-Out Assisted Liquid-Liquid Extraction for Quantification of Febuxostat in Plasma Using RP-HPLC and Its Pharmacokinetic Application. <b>2016</b> , 54, 1827-1833		12
94	Liquid chromatography-tandem mass spectrometric assay for the T790M mutant EGFR inhibitor osimertinib (AZD9291) in human plasma. <b>2016</b> , 1031, 80-85		29
93	Recent developments in the chromatographic bioanalysis of approved kinase inhibitor drugs in oncology. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2016</b> , 130, 244-263	3.5	24
92	A guide to the identification of metabolites in NMR-based metabonomics/metabolomics experiments. <b>2016</b> , 14, 135-53		184
91	Liquid chromatography-tandem mass spectrometric assay for the tyrosine kinase inhibitor afatinib in mouse plasma using salting-out liquid-liquid extraction. <b>2016</b> , 1012-1013, 118-23		16

90	Validation of a new method based on salting-out assisted liquid-liquid extraction and UHPLC-MS/MS for the determination of betalactam antibiotics in infant dairy products. <b>2017</b> , 167, 493-498	26
89	A simple LC-MS/MS method facilitated by salting-out assisted liquid-liquid extraction to simultaneously determine trans-resveratrol and its glucuronide and sulfate conjugates in rat plasma and its application to pharmacokinetic assay. <b>2017</b> , 31, e4001	7
88	Automated alkaline-induced salting-out homogeneous liquid-liquid extraction coupled with in-line organic-phase detection by an optical probe for the determination of diclofenac. <b>2017</b> , 169, 156-162	26
87	Tandem derivatization combined with salting-out assisted liquid-liquid microextraction for determination of biothiols in urine by gas chromatography-mass spectrometry. <b>2017</b> , 1524, 29-36	10
86	Enantioselective determination of (R)-zopiclone and (S)-zopiclone (eszopiclone) in human hair by micropulverized extraction and chiral liquid chromatography/high resolution mass spectrometry. <b>2017</b> , 1519, 55-63	7
85	Determination of Fusarium toxins in functional vegetable milks applying salting-out-assisted liquid-liquid extraction combined with ultra-high-performance liquid chromatography tandem mass spectrometry. <b>2017</b> , 34, 2033-2041	13
84	Strategies for Improving Sensitivity for Targeted Quantitation by LCMS. <b>2017</b> , 149-170	
83	General Principles and Strategies for Salting-Out Informed by the Hofmeister Series. <b>2017</b> , 21, 1355-1370	179
82	Development of a multi-matrix LC-MS/MS method for urea quantitation and its application in human respiratory disease studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2017</b> , 133, 96-104 <sup>3-5</sup>	8
81	Salting-out assisted liquid-liquid extraction coupled to ultra-high performance liquid chromatography-tandem mass spectrometry for the determination of tetracycline residues in infant foods. <b>2017</b> , 221, 1763-1769	50
80	Salting-out extraction of sinomenine from <i>Sinomenium acutum</i> by an alcohol/salt aqueous two-phase system using ionic liquids as additives. <b>2018</b> , 93, 1925-1930	8
79	Salting-out assisted liquid-liquid extraction coupled with hydrophilic interaction chromatography for the determination of biguanides in biological and environmental samples. <b>2018</b> , 1073, 51-59	18
78	Sample preparation for large-scale bioanalytical studies based on liquid chromatographic techniques. <b>2018</b> , 32, e4137	23
77	Trace analysis of nitrite ions in environmental samples by using in-situ synthesized Zein biopolymeric nanoparticles as the novel green solid phase extractor. <b>2018</b> , 176, 156-164	14
76	Coupling of salting-out assisted liquid-liquid extraction with on-line stacking for the analysis of tyrosine kinase inhibitors in human plasma by capillary zone electrophoresis. <b>2018</b> , 1579, 121-128	19
75	Urine Multi-drug Screening with GC-MS or LC-MS-MS Using SALLE-hybrid PPT/SPE. <b>2018</b> , 42, 617-624	13
74	Bioanalysis of ibrutinib, and its dihydrodiol- and glutathione cycle metabolites by liquid chromatography-tandem mass spectrometry. <b>2018</b> , 1090, 14-21	19
73	Extraction   Aqueous Two-Phase Extraction. <b>2018</b> , 47-47	2

72	Food Sample Preparation for the Determination of Sulfonamides by High-Performance Liquid Chromatography: State-of-the-Art. <b>2018</b> , 5, 31	22
71	A simple, rapid and novel method based on salting-out assisted liquid-liquid extraction for ochratoxin A determination in beer samples prior to ultra-high-performance liquid chromatography coupled to tandem mass spectrometry. <b>2018</b> , 35, 1622-1632	7
70	Recent advances in LC-MS/MS methods to determine endocannabinoids in biological samples: Application in neurodegenerative diseases. <b>2018</b> , 1044, 12-28	26
69	Deep eutectic solvents used as adjuvants for improving the salting-out extraction of ursolic acid from <i>Cynomorium songaricum</i> Rupr. in aqueous two-phase system. <b>2019</b> , 209, 112-118	27
68	Matrix-Induced Sugaring-Out: A Simple and Rapid Sample Preparation Method for the Determination of Neonicotinoid Pesticides in Honey. <b>2019</b> , 24,	7
67	Determination of ring-substituted amphetamines through automated online hollow fiber liquid-phase microextraction-liquid chromatography. <b>2019</b> , 411, 7889-7897	7
66	Salting-out assisted liquid-liquid extraction coupled with high-performance liquid chromatography for the determination of vitamin D3 in milk samples. <b>2019</b> , 6, 190952	13
65	Salting-out-assisted liquid-liquid extraction of 5-hydroxymethylfurfural from honey and the determination of 5-hydroxymethylfurfural by high-performance liquid chromatography. <b>2019</b> , 11, 4835-4841	8
64	Recent development and applications of poly (ionic liquid)s in microextraction techniques. <b>2019</b> , 112, 123-134	51
63	Tunable solvency mixtures of tetrahydrofuran:water for efficient and fast extraction/clean-up of trace contaminants. <b>2019</b> , 1602, 135-141	4
62	Basic Sample Preparation Techniques in LC-MS Bioanalysis. <b>2019</b> , 1-30	4
61	Sample Preparation for LC-MS Bioanalysis of Peptides. <b>2019</b> , 284-303	4
60	Automated online coupling of robot-assisted single drop microextraction and liquid chromatography. <b>2019</b> , 1595, 66-72	21
59	. <b>2019</b> ,	6
58	Salt-assisted liquid-liquid extraction coupled with reversed-phase dispersive liquid-liquid microextraction for sensitive HPLC determination of paraquat in environmental and food samples. <b>2019</b> , 13, 269-276	28
57	Milestones in the Development of Liquid-Phase Extraction Techniques. <b>2020</b> , 1-44	10
56	Salting-out liquid-liquid microextraction to the determination of mycophenolic acid in plasma samples. <b>2020</b> , 74, 1663-1668	4
55	Novel spectrofluorimetric quantification of alogliptin benzoate in biofluids exploiting its interaction with 4-chloro-7-nitrobenzofurazan. <b>2020</b> , 35, 284-291	4

54	A Salting-out Liquid-Liquid extraction (SALLE) for the analysis of caprolactam and 2,4-di-tert butyl phenol in water and food simulants. Study of the salinity effect to specific migration from food contact materials. <b>2020</b> , 1156, 122301	9
53	Salting Out-Assisted Liquid-Liquid Extraction for Liquid Chromatography-Tandem Mass Spectrometry Measurement of Tacrolimus, Sirolimus, Everolimus, and Cyclosporine a in Whole Blood. <b>2020</b> , 42, 695-701	2
52	No-additive salting-out liquid-liquid extraction-A tool for purification of positively charged compounds from highly salted reaction mixtures. <b>2020</b> , 43, 4356-4363	2
51	A micro salting-out assisted liquid-liquid extraction combined with ultra-high performance liquid chromatography tandem mass spectrometry to determine anandamide and 2-arachidonoylglycerol in rat brain samples. <b>2020</b> , 1158, 122351	1
50	Salting-out assisted liquid-liquid extraction method optimized by design of experiments for the simultaneous high-performance liquid chromatography analysis of perampanel and stiripentol in mouse matrices. <b>2020</b> , 43, 4289-4304	4
49	Salting-out Assisted Liquid-Liquid Extraction for Analysis of Caffeine and Nicotinic Acid in Coffee by HPLC-DAD/Vis Detector. <b>2020</b> , 4, 298-306	1
48	Liquid chromatographic methods for determination of the new antiepileptic drugs stiripentol, retigabine, rufinamide and perampanel: A comprehensive and critical review. <b>2021</b> , 11, 405-421	4
47	Determination of cannabinoids in plasma using salting-out-assisted liquid-liquid extraction followed by LC-MS/MS analysis. <b>2020</b> , 34, e4952	1
46	Progress in the Pretreatment and Analysis of Flavonoids: An Update since 2013. <b>2020</b> , 1-27	3
45	Homogeneous Liquid-Liquid Microextraction of Organic Compounds. <b>2020</b> , 75, 1371-1383	9
44	Direct salting-out assisted liquid-liquid extraction (SALLE) from human blood: Application for the analysis of tyrosine kinase inhibitors. <b>2020</b> , 155, 104791	3
43	Studies on the phase I metabolites of the new designer drug 1-(2,3-dihydro-1H-inden-5-yl)-2-(pyrrolidine-1-yl)butan-1-one (5-PPDI) in human urine. <b>2020</b> , 310, 110214	5
42	Saliva as a non-invasive tool for monitoring oxidative stress in swimmers athletes performing a VO cycle ergometer test. <b>2020</b> , 216, 120979	10
41	Systems biology approaches to study lipidomes in health and disease. <b>2021</b> , 1866, 158857	13
40	Salt effects on liquid-liquid equilibria in the ternary water/n-butanol/HMF system and solvent effects on HMF separation from water. <b>2021</b> , 325, 114551	0
39	Dispersive liquid-liquid microextraction for the isolation and HPLC-DAD determination of three major capsaicinoids in Capsicum annum L. <b>2021</b> , 45, 420-429	
38	Sample preparation for gas chromatography. <b>2021</b> , 615-653	
37	Development and application of a novel method to assess exposure levels of sensitizing and irritating substances leaching from menstrual hygiene products. <b>2021</b> , 7, 116-123	0

36	Spectrofluorimetric determination of indoxyl sulfate in human plasma after salting-out assisted liquid-liquid extraction. <b>2021</b> , 75, 3505-3511	
35	Determination of 24 primary aromatic amines in aqueous food simulants by combining solid phase extraction and salting-out assisted liquid-liquid extraction with liquid chromatography tandem mass spectrometry. <b>2021</b> , 164, 105927	8
34	Pretreatment and determination methods for benzimidazoles: An update since 2005. <b>2021</b> , 1644, 462068	2
33	LC-MS/MS analysis of vitamin D metabolites in human serum using a salting-out based liquid-liquid extraction and DAPTAD derivatization. <b>2021</b> , 1173, 122654	4
32	État de l'art et intérêt des dosages plasmatiques des substances endocannabinoïdes et endocannabinoïdes-like. <b>2021</b> ,	
31	Bioanalytical strategies in drug discovery and development. <b>2021</b> , 53, 434-458	4
30	A green homogeneous liquid-liquid microextraction method for spectrophotometric determination of daclatasvir in human plasma. <b>2021</b> , 22, 100498	3
29	Variation of the partition coefficient of phase-partitioning compounds between hydrocarbon and aqueous phases: an experimental study. <b>2021</b> , 300, 120915	3
28	Chromatographic bioanalytical assays for targeted covalent kinase inhibitors and their metabolites. <b>2021</b> , 1162, 122466	1
27	Prediction of Transporter-Mediated Drug-Drug Interactions and Phenotyping of Hepatobiliary Transporters Involved in the Clearance of E7766, a Novel Macrocyclic-Bridged Dinucleotide. <b>2021</b> , 49, 265-275	1
26	Chromatographic methods development for clinical practice: requirements and limitations. <b>2020</b> , 58, 1785-1793	1
25	Liquid Chromatography-Mass Spectrometry for Clinical Metabolomics: An Overview. <b>2021</b> , 1336, 179-213	0
24	Review of the Use of Liquid Chromatography-Tandem Mass Spectrometry in Clinical Laboratories: Part I-Development. <b>2022</b> , 42, 121-140	5
23	Simple Determination of p-Cresol in Plasma Samples Using Fluorescence Spectroscopy Technique. <b>2021</b> , 20, 68-78	
22	Sample preparation techniques in biological and pharmaceutical sciences. <b>2022</b> , 25-42	
21	Application of a phosphonium-based ionic liquid for reactive textile dye removal: Extraction study and toxicological evaluation.. <b>2022</b> , 304, 114322	0
20	A simple and sensitive preconcentration strategy by coupling salting-out assisted liquid-liquid extraction with online three-step stacking for the determination of potent anti-tumour compound vinblastine and its precursor in biological samples by capillary electrophoresis.. <b>2021</b> , 1664, 462794	1
19	Salting-Out-Assisted Liquid-Liquid Extraction for Nicotine from Its Aqueous Solutions. <b>2022</b> , 67, 453-462	1

18	Hantzsch Condensation Reaction as a Spectrofluorometric Method for Determination of Alogliptin, an Anti-diabetic Drug, in Pure, Tablet, Human, and rat plasma.. <b>2021</b> ,		
17	Quantitative extraction of multiclass antibiotic residues in cow milk utilizing salting-out assisted liquid-liquid extraction followed by liquid chromatographic determination. 1-19		
16	Development of a colloidal gold immunochromatographic strip for the rapid detection of pefloxacin in grass carp with a novel pretreatment method.. <b>2022</b> , 1-9		
15	Side-Chain Unprotected Fmoc-Arg/His/Tyr-OH Couplings and Their Application in Solid-Phase Peptide Synthesis through a Minimal-Protection/Green Chemistry Strategy.		0
14	Fast and highly efficient liquid chromatographic methods for qualification and quantification of antibiotic residues from environmental waste. <b>2022</b> , 107573		3
13	Dimer fatty acid and fatty amide effects on the properties of synthetic-based drilling fluids. <b>2022</b> , 359, 119270		1
12	Green Sorption Materials Used in Analytical Procedures. <b>2022</b> , 101-169		
11	Analytical strategies for the determination of biogenic amines in dairy products.		1
10	Chemometric optimization of salting-out assisted liquid-liquid extraction (SALLE) combined with LC-MS/MS for the analysis of carvedilol enantiomers in human plasma: Application to clinical pharmacokinetics. <b>2022</b> , 1205, 123338		0
9	Processing Method for the Quantification of Methanol and Ethanol from Bioreactor Samples Using Gas Chromatography-Flame Ionization Detection. <b>2022</b> , 7, 24121-24133		
8	High-throughput salting-out assisted liquid-liquid extraction using a 3D printed device and its application in the quantification of ibrutinib and its metabolite PCI-45227 in human serum. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2022</b> , 219, 114923	3.5	1
7	Online preconcentration and determination of anthraquinones in Cassiae Semen tea by salting-out assisted liquid-liquid extraction coupled with dynamic pH junction-sweeping-large volume sample stacking in capillary electrophoresis. <b>2022</b> , 114014		0
6	Sweeteners in food samples: An update on pretreatment and analysis techniques since 2015. <b>2023</b> , 408, 135248		0
5	Hyper-branched nanodendrimer as a novel solid-phase extraction sorbent followed by three phase hollow fiber microextraction for trace separation of exemestane. <b>2022</b> , 121142		0
4	Rapid Quantitative Detection of Voriconazole in Human Plasma Using Surface-Enhanced Raman Scattering. <b>2022</b> , 7, 47634-47641		0
3	Quantitative analysis of therapeutic proteins in biological fluids: recent advancement in analytical techniques. <b>2023</b> , 30,		0
2	Salting-Out Assisted Liquid-Liquid Extraction for UPLC-MS/MS Determination of Thyroxine and Steroid Hormones in Human Serum and Fish Plasma. <b>2023</b> , 10, 240		0
1	Development and Validation of a Bioanalytical Method for the Quantification of Aceclofenac in a Small Volume of Human Serum by RP-HPLC. <b>2023</b> , 78, 344-351		0

