Dotse S Chormey

List of Publications by Year
in descending order

87 papers	1,158 citations	394421 19 h-index	477307 29 g-index
87 all docs	87 docs citations	87 times ranked	943 citing authors

#	Article	IF	Citations
1	Quorum sensing: Little talks for an effective bacterial coordination. TrAC - Trends in Analytical Chemistry, 2017, 91, 1-11.	11.4	88
2	Sensitive determination of copper in water samples using dispersive liquid-liquid microextraction-slotted quartz tube-flame atomic absorption spectrometry. Microchemical Journal, 2017, 132, 406-410.	4.5	66
3	Validation of ultrasonic-assisted switchable solvent liquid phase microextraction for trace determination of hormones and organochlorine pesticides by GCâ€"MS and combination with QuEChERS. Food Chemistry, 2020, 305, 125487.	8.2	47
4	Determination of trace amount of cadmium using dispersive liquid-liquid microextraction-slotted quartz tube-flame atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2017, 129, 37-41.	2.9	42
5	Determination of lead at trace levels in mussel and sea water samples using vortex assisted dispersive liquid-liquid microextraction-slotted quartz tube-flame atomic absorption spectrometry. Chemosphere, 2017, 189, 180-185.	8.2	37
6	Simultaneous determination of selected hormones, endocrine disruptor compounds, and pesticides in water medium at trace levels by GC-MS after dispersive liquid-liquid microextraction. Environmental Monitoring and Assessment, 2017, 189, 277.	2.7	36
7	Determination of cadmium at ultratrace levels by dispersive liquid-liquid microextraction and batch type hydride generation atomic absorption spectrometry. Microchemical Journal, 2017, 133, 144-148.	4.5	36
8	Determination of Vitamin B12 and cobalt in egg yolk using vortex assisted switchable solvent based liquid phase microextraction prior to slotted quartz tube flame atomic absorption spectrometry. Food Chemistry, 2019, 286, 500-505.	8.2	35
9	Determination of nickel in water and soil samples at trace levels using photochemical vapor generation-batch type ultrasonication assisted gas liquid separator-atomic absorption spectrometry. Microchemical Journal, 2017, 132, 167-171.	4.5	31
10	Liquid phase microextraction strategies and their application in the determination of endocrine disruptive compounds in food samples. TrAC - Trends in Analytical Chemistry, 2020, 128, 115917.	11.4	31
11	Combination of stearic acid coated magnetic nanoparticle based sonication assisted dispersive solid phase extraction and slotted quartz tube-flame atomic absorption spectrophotometry for the accurate and sensitive determination of lead in red pepper samples and assessment of green profile. Food Chemistry, 2020, 303, 125396.	8.2	29
12	Sensitive determination of cadmium using solidified floating organic drop microextraction-slotted quartz tube-flame atomic absorption spectroscopy. Environmental Monitoring and Assessment, 2017, 189, 513.	2.7	27
13	Accurate and sensitive determination of selected hormones, endocrine disruptors, and pesticides by gas chromatographyâ€"mass spectrometry after the multivariate optimization of switchable solvent liquidâ€phase microextraction. Journal of Separation Science, 2018, 41, 2895-2902.	2.5	27
14	Vortex-assisted switchable liquid-liquid microextraction for the preconcentration of cadmium in environmental samples prior to its determination with flame atomic absorption spectrometry. Environmental Monitoring and Assessment, 2018, 190, 393.	2.7	26
15	Determination of cadmium at trace levels in parsley samples by slotted quartz tube-flame atomic absorption spectrometry after preconcentration with cloud point extraction. Measurement: Journal of the International Measurement Confederation, 2019, 147, 106841.	5.0	23
16	Liquid phase microextraction based sensitive analytical strategy for the determination of 22 hazardous aromatic amine products of azo dyes in wastewater and tap water samples by GC-MS system. Microchemical Journal, 2020, 155, 104712.	4.5	23
17	Development of a sensitive liquidâ€"liquid extraction method for the determination of N-butyryl-<scp>l</scp>-homoserine lactone produced in a submerged membrane bioreactor by gas chromatography mass spectrometry and deuterated anthracene as the internal standard. Analytical Methods, 2016, 8, 2660-2665.	2.7	22
18	Accurate and sensitive determination of harmful aromatic amine products of azo dyes in wastewater and textile samples by GCâ€"MS after multivariate optimization of binary solvent dispersive liquid-liquid microextraction. Microchemical Journal, 2019, 145, 84-89.	4.5	22

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19	A Novel Liquid–Liquid Extraction for the Determination of Nicotine in Tap Water, Wastewater, and Saliva at Trace Levels by GC-MS. Journal of AOAC INTERNATIONAL, 2016, 99, 806-812.	1.5	21
20	Determination of Lead in Drinking and Wastewater by Hydride Generation Atomic Absorption Spectrometry. Analytical Letters, 2016, 49, 1917-1925.	1.8	21
21	Determination of endocrine disruptive phenolic compounds by gas chromatography mass spectrometry after multivariate optimization of switchable liquid-liquid microextraction and assessment of green profile. Chemosphere, 2019, 235, 205-210.	8.2	20
22	A sensitive determination method for trace bisphenol A in bottled water and wastewater samples: Binary solvent liquid phase microextraction-quadrupole isotope dilution-gas chromatography-mass spectrometry. Microchemical Journal, 2020, 159, 105532.	4.5	20
23	Simultaneous determination of estrone and selected pesticides in water medium by GC-MS after multivariate optimization of microextraction strategy. Environmental Monitoring and Assessment, 2018, 190, 252.	2.7	18
24	Arsenic speciation in rice samples for trace level determination by high performance liquid chromatography-inductively coupled plasma-mass spectrometry. Food Chemistry, 2021, 356, 129706.	8.2	18
25	Determination of Cadmium in Tap, Sea and Waste Water Samples by Vortex-Assisted Dispersive Liquid-Liquid-Solidified Floating Organic Drop Microextraction and Slotted Quartz Tube FAAS After Complexation with a Imidazole Based Ligand. Water, Air, and Soil Pollution, 2018, 229, 1.	2.4	17
26	Accurate and Sensitive Determination Method for Procymidone and Chlorflurenol in Municipal Wastewater, Medical Wastewater and Irrigation Canal Water by GC–MS After Vortex Assisted Switchable Solvent Liquid Phase Microextraction. Bulletin of Environmental Contamination and Toxicology, 2019, 102, 848-853.	2.7	17
27	An accurate determination method for cobalt in sage tea and cobalamin: Slotted quartz tube-flame atomic absorption spectrometry after preconcentration with switchable liquid-liquid microextraction using a Schiff base. Food Chemistry, 2020, 302, 125336.	8.2	17
28	Principles and Recent Advancements in Microextraction Techniques. Comprehensive Analytical Chemistry, 2018, , 257-294.	1.3	15
29	Multivariate optimization of dispersive liquid–liquid microextraction for the determination of paclobutrazol and triflumizole in water by GC–MS. Journal of Separation Science, 2017, 40, 4541-4548.	2.5	14
30	Switchable solvent liquid-phase microextraction-gas chromatography-quadrupole isotope dilution mass spectrometry for the determination of 4‐n‐nonylphenol in municipal wastewater. Microchemical Journal, 2019, 144, 1-5.	4.5	14
31	Determination of fenazaquin in water and tomato matrices by GC-MS after a combined QuEChERS and switchable solvent liquid phase microextraction. Environmental Monitoring and Assessment, 2020, 192, 72.	2.7	14
32	A novel analytical approach for the determination of parathion methyl in water: quadrupole isotope dilution mass spectrometry-dispersive liquid–liquid microextraction using multivariate optimization. Analyst, The, 2018, 143, 1141-1146.	3.5	13
33	Simultaneous determination of iprodione, procymidone, and chlorflurenol in lake water and wastewater matrices by GC-MS after multivariate optimization of binary dispersive liquid-liquid microextraction. Environmental Monitoring and Assessment, 2018, 190, 607.	2.7	13
34	Arsenic speciation in water and biota samples at trace levels by ion chromatography inductively coupled plasma-mass spectrometry. International Journal of Environmental Analytical Chemistry, 2017, 97, 684-693.	3.3	12
35	Development of a sensitive and accurate method for the simultaneous determination of selected insecticides and herbicide in tap water and wastewater samples using vortex-assisted switchable solvent-based liquid-phase microextraction prior to determination by gas chromatography-mass spectrometry. Environmental Monitoring and Assessment, 2020, 192, 275.	2.7	12
36	Development of a switchable solvent liquid phase extraction method for the determination of chlorthiamid, ethyl parathion, penconazole and fludioxonil pesticides in well, tap and lake water samples by gas chromatography mass spectrometry. Microchemical Journal, 2021, 168, 106381.	4.5	12

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37	A simple and efficient preconcentration method based on vortex assisted reduced graphene oxide magnetic nanoparticles for the sensitive determination of endocrine disrupting compounds in different water and baby food samples by GC-FID. Journal of Food Composition and Analysis, 2020, 88, 103431.	3.9	11
38	Sensitive determination of cadmium in lake water, municipal wastewater and onion samples by slotted quartz tube-flame atomic absorption spectrometry after preconcentration with microextraction strategy. Measurement: Journal of the International Measurement Confederation, 2018, 125, 219-223.	5.0	10
39	Development of an efficient and sensitive analytical method for the determination of copper at trace levels by slotted quartz tube atomic absorption spectrometry after vortex-assisted dispersive liquid-liquid microextraction in biota and water samples using a novel ligand. Environmental Monitoring and Assessment, 2018, 190, 437.	2.7	10
40	Feasibility studies on the uptake and bioaccessibility of pesticides, hormones and endocrine disruptive compounds in plants, and simulation of gastric and intestinal conditions. Microchemical Journal, 2020, 155, 104669.	4.5	10
41	A simple and effective determination of methyl red in wastewater samples by UV–Vis spectrophotometer with matrix matching calibration strategy after vortex assisted deep eutectic solvent based liquid phase extraction and evaluation of green profile. Microchemical Journal, 2021, 162, 105850.	4.5	10
42	Experimental design of switchable solvent–based liquid phase microextraction for the accurate determination of etrimfos from water and food samples at trace levels by GC-MS. Environmental Monitoring and Assessment, 2019, 191, 619.	2.7	8
43	Determination of copper in traditional coffee pot water samples by flame atomic absorption spectrometry and matrix matching calibration strategy after switchable solvent based liquid-phase microextraction. Environmental Monitoring and Assessment, 2021, 193, 5.	2.7	8
44	Polystyrene-coated magnetic nanoparticles based dispersive solid phase extraction for the determination of cadmium in cigarette ash prior to slotted quartz tube flame atomic absorption spectrometry system. Analytical Sciences, 2022, 38, 843-849.	1.6	8
45	Trace determination of nickel in water samples by slotted quartz tube-flame atomic absorption spectrometry after dispersive assisted simultaneous complexation and extraction strategy. Environmental Monitoring and Assessment, 2018, 190, 498.	2.7	7
46	Development of an Accurate and Sensitive Analytical Method for the Determination of Cadmium at Trace Levels Using Dispersive Liquid–Liquid Microextraction Based on the Solidification of Floating Organic Drops Combined with Slotted Quartz Tube Flame Atomic Absorption Spectrometry. Journal of AOAC INTERNATIONAL, 2018, 101, 843-847.	1.5	7
47	Simultaneous Determination of Phorate and Oxyfluorfen in Well Water Samples with High Accuracy by GC-MS After Binary Dispersive Liquid-Liquid Microextraction. Water, Air, and Soil Pollution, 2018, 229, 1.	2.4	7
48	Determination of Bismuth in Bottled and Mineral Water Samples at Trace Levels by T-Shaped Slotted Quartz tube-Atom Trap-Flame Atomic Absorption Spectrometry. Analytical Letters, 2019, 52, 539-549.	1.8	7
49	Development of a double-monitoring method for the determination of total antioxidant capacity as ascorbic acid equivalent using CUPRAC assay with RP-HPLC and digital image-based colorimetric detection. European Food Research and Technology, 2022, 248, 707-713.	3.3	7
50	Development and Validation of a Sensitive Method for Trace Nickel Determination by Slotted Quartz Tube Flame Atomic Absorption Spectrometry After Dispersive Liquid–Liquid Microextraction. Bulletin of Environmental Contamination and Toxicology, 2018, 100, 715-719.	2.7	6
51	Accurate and simple determination of oxcarbazepine in human plasma and urine samples using switchable–hydrophilicity solvent in GC–MS. Biomedical Chromatography, 2020, 34, e4915.	1.7	6
52	Determination of Trace Amounts of Gold in Electroplating Rinsing Bath by Slotted Quartz Tube Flame Atomic Absorption Spectrometry with Matrix Matching Calibration Strategy after Preconcentration with Vortex Assisted Dispersive Liquid–Liquid Microextraction. Analytical Letters, 2020, 53, 2191-2201.	1.8	6
53	A new derivatization method for the determination of propineb in black tea and infant formula samples using dispersive liquid-liquid microextraction followed by gas chromatography-mass spectrometry. Talanta, 2020, 213, 120846.	5.5	6
54	Combination of vortex assisted binary solvent microextraction and QuEChERS for the determination of prothiofos, oxadiargyl, and gamma-cyhalothrin in water and pineapple samples by gas chromatography mass spectrometry. Environmental Monitoring and Assessment, 2020, 192, 273.	2.7	6

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55	Accurate Quantification of Nervous System Drugs in Aqueous Samples at Trace Levels by Binary Solvent Dispersive Liquid–Liquid Microextraction–Gas Chromatography Mass Spectrometry. Environmental Toxicology and Chemistry, 2021, 40, 1570-1575.	4.3	6
56	Trace level determination of eleven nervous system–active pharmaceutical ingredients by switchable solvent-based liquid-phase microextraction and gas chromatography–mass spectrometry with matrix matching calibration strategy. Environmental Monitoring and Assessment, 2022, 194, 58.	2.7	6
57	An analytical strategy for propoxur determination in raisin samples with matrix matching method after dispersive liquid-liquid microextraction. Journal of Food Composition and Analysis, 2019, 84, 103315.	3.9	5
58	Combination of Slotted Quartz Tube Flame Atomic Absorption Spectrometry and Dispersive Liquid–Liquid Microextraction for the Trace Determination of Silver in Electroplating Rinse Bath. Analytical Letters, 2021, 54, 761-771.	1.8	5
59	Polystyrene‐Coated Magnetite Nanoparticles Based Dispersive Micro‐Solid Phase Extraction of Active Pharmaceutical Ingredients of Antidepressant Drugs and Determination by GC‐MS. ChemistrySelect, 2022, 7, .	1.5	5
60	Determination of micropollutants in wastewater matrix using gas chromatography–mass spectrometry after optimization of dispersive liquid–liquid microextraction. International Journal of Environmental Science and Technology, 2019, 16, 7285-7292.	3.5	4
61	Oleic and stearic acid-coated magnetite nanoparticles for sonication-assisted binary micro-solid phase extraction of endocrine disrupting compounds, and their quantification by GC-MS. Mikrochimica Acta, 2019, 186, 849.	5.0	4
62	Assessment of different isotope dilution strategies and their combination with switchable solvent-based liquid phase microextraction prior to the quantification of bisphenol A at trace levels <i>via</i> GC-MS. New Journal of Chemistry, 2020, 44, 13685-13691.	2.8	4
63	Simultaneous Determination of Harmful Aromatic Amine Products of Azo Dyes by Gas Chromatography–Mass Spectrometry. Journal of Analytical Chemistry, 2020, 75, 1330-1334.	0.9	4
64	Analytical protocol for determination of endosulfan beta, propham, chlorpyrifos, and acibenzolar-s-methyl in lake water and wastewater samples by gas chromatography–mass spectrometry after dispersive liquid–liquid microextraction. Environmental Monitoring and Assessment, 2020, 192, 253.	2.7	4
65	Dispersive Liquid-Liquid Microextraction Based Preconcentration of Selected Pesticides and Escitalopram Oxalate, Haloperidol, and Olanzapine from Wastewater Samples Prior to Determination by GC-MS. Journal of AOAC INTERNATIONAL, 2021, 104, 91-97.	1.5	4
66	Multivariate Optimization of Binary Solvent Microextraction for the Simultaneous Determination of Endocrine Disruptive Phenolic Compounds and Organochlorine Pesticides in Wastewater and Sludge Samples by GC-MS. Water, Air, and Soil Pollution, 2018, 229, 1.	2.4	3
67	Preliminary study testing the effects of tea and coffee on sludge characteristics and N-butyryl-l-homoserine lactone in an MBR system. Environmental Technology (United Kingdom), 2020, 41, 2085-2095.	2.2	3
68	Feasibility Studies on the Effect of Natural Plant Compounds on Sludge Characteristics in a Batch-Type Aerobic Reactor and N-butyryl-L Homoserine Lactone. Analytical Letters, 2020, 53, 2431-2444.	1.8	3
69	Atrazine: From Detection to Remediation – A Minireview. Analytical Letters, 2022, 55, 411-426.	1.8	3
70	Surface modified iron magnetic nanoparticles assisted Fenton digestion and extraction method for cadmium determination. Analytical Biochemistry, 2021, 629, 114309.	2.4	3
71	Determination of copper in human blood serum by flame atomic absorption spectrometry after UV-assisted Fenton digestion using binary magnetite nanoparticles. Measurement: Journal of the International Measurement Confederation, 2021, 186, 110108.	5.0	3
72	Performance evaluation of ceramic membrane bioreactor: effect of operational parameters on micropollutant removal and membrane fouling. Environmental Science and Pollution Research, 2022, 29, 68306-68319.	5.3	3

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73	Accurate determination of pesticides, hormones and endocrine disruptor compounds in complex environmental samples using matrix dilution and matrix matching with dispersive liquid–liquid microextraction. Pure and Applied Chemistry, 2018, 90, 1703-1711.	1.9	2
74	Determination of Four Priority Polycyclic Aromatic Hydrocarbons in Food Samples by Gas Chromatography – Mass Spectrometry (GC-MS) after Vortex Assisted Dispersive Liquid-Liquid Microextraction (DLLME). Analytical Letters, 2022, 55, 237-245.	1.8	2
75	Removal of selected pesticides, alkylphenols, hormones and bisphenol A from domestic wastewater by electrooxidation process. Water Science and Technology, 2022, 85, 220-228.	2.5	2
76	A novel liquid-liquid extraction for the determination of naphthalene by GC-MS with deuterated anthracene as internal standard. Environmental Monitoring and Assessment, 2017, 189, 528.	2.7	1
77	Development of a sensitive microextraction strategy for the accurate determination of tebuconazole and etrimfos by gas chromatography-mass spectrometry. International Journal of Environmental Analytical Chemistry, 2020, 100, 1197-1208.	3.3	1
78	Experimental Design of Vortex Assisted Switchable Solvent Homogeneous Liquid-Liquid Microextraction for Simultaneous Determination of Four Pesticides in Wastewater. Journal of AOAC INTERNATIONAL, 2020, 103, 1250-1255.	1.5	1
79	Development and validation of dispersive liquid–liquid microextraction method for the determination of 15 polycyclic aromatic hydrocarbons in 200 Antarctica samples by gas chromatography mass spectrometry. Environmental Monitoring and Assessment, 2022, 194, 328.	2.7	1
80	Development of a sensitive closed batch vessel hydride generation atomic absorption spectrometry method for the determination of cadmium in aqueous samples. Instrumentation Science and Technology, 2018, 46, 645-655.	1.8	0
81	Binary Dispersive Liquid-Liquid Microextraction Strategy for Accurate and Precise Determination of Micropollutants in Lake, Well and Wastewater Matrices. Bulletin of Environmental Contamination and Toxicology, 2019, 103, 841-847.	2.7	0
82	Dispersive liquid-liquid microextraction based preconcentration of selected pesticides and escitalopram oxalate, haloperidol and olanzapine from wastewater samples prior to determination by GC-MS. Journal of AOAC INTERNATIONAL, 2020, , .	1.5	0
83	Determination of Pyridaphenthion in Aqueous and Food Samples by Reverse Phase High Performance Liquid Chromatography (HPLC) after QuEChERS Extraction and Degradation Studies under Ultraviolet (UV) Radiation. Analytical Letters, 2021, 54, 637-645.	1.8	0
84	Removal of twelve endocrine disrupting compounds from wastewater using two laboratory-scale batch-type bioreactors. International Journal of Environmental Science and Technology, 0, , 1.	3.5	0
85	Sensitive Determination of 4-n-Nonylphenol in Domestic Wastewater and Liquid Detergent by Binary Solvent Microextraction (BSME) and Gas Chromatography–Mass Spectrometry (GC-MS) with Matrix Matching Calibration. Analytical Letters, 0, , 1-13.	1.8	0
86	Determination of levetiracetam by GC-MS and effects of storage conditions and gastric digestive systems on drug samples. Bioanalysis, 2022, , .	1.5	0
87	A Binary Solvent Dispersive Liquid–Liquid Microextraction Method for the Determination of Four Endocrine Disruptor Compounds by Gas Chromatography with Flame Ionization Detector. Water, Air, and Soil Pollution, 2022, 233, 1.	2.4	0