

# Paraskevas D Tzanavaras

## List of Publications by Year in descending order

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88  
papers

1,537  
citations

279798

23  
h-index

395702

33  
g-index

90  
all docs

90  
docs citations

90  
times ranked

1297  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of recent applications of flow injection spectrophotometry to pharmaceutical analysis. <i>Analytica Chimica Acta</i> , 2007, 588, 1-9.	5.4	97
2	Liquid chromatography coupled to on-line post column derivatization for the determination of organic compounds: A review on instrumentation and chemistries. <i>Analytica Chimica Acta</i> , 2013, 798, 1-24.	5.4	73
3	Development and validation of a high-throughput high-performance liquid chromatographic assay for the determination of caffeine in food samples using a monolithic column. <i>Analytica Chimica Acta</i> , 2007, 581, 89-94.	5.4	57
4	Sensitive determination of captopril by flow injection analysis with chemiluminescence detection based on the enhancement of the luminol reaction. <i>Analytica Chimica Acta</i> , 2002, 463, 249-255.	5.4	53
5	Determination of methimazole and carbimazole by flow-injection with chemiluminescence detection based on the inhibition of the Cu(II)-catalysed luminol-hydrogen peroxide reaction. <i>Analytica Chimica Acta</i> , 2004, 505, 129-133.	5.4	48
6	High-throughput HPLC assay of acyclovir and its major impurity guanine using a monolithic column and a flow gradient approach. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 43, 1526-1530.	2.8	48
7	Solvent extraction flow-injection manifold for the simultaneous spectrophotometric determination of free cyanide and thiocyanate ions based upon on-line masking of cyanides by formaldehyde. <i>Analytica Chimica Acta</i> , 2002, 452, 295-302.	5.4	45
8	Hybrid sequential injection-flow injection manifold for the spectrophotometric determination of total sulfite in wines using o-phthalaldehyde and gas-diffusion. <i>Talanta</i> , 2009, 77, 1614-1619.	5.5	41
9	Development and validation of a rapid HPLC method for the determination of five banned fat-soluble colorants in spices using a narrow-bore monolithic column. <i>Talanta</i> , 2011, 84, 480-486.	5.5	41
10	Validated high-throughput HPLC assay for nimesulide using a short monolithic column. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 43, 1483-1487.	2.8	37
11	Reversed flow-injection manifold for the spectrophotometric determination of captopril based on its inhibitory effect on the Co(II)-2,2'-dipyridyl-2-pyridylhydrazone complex formation. <i>Talanta</i> , 2002, 57, 575-581.	5.5	35
12	Rapid determination of methylxanthines in real samples by high-performance liquid chromatography using the new FastGradient® narrow-bore monolithic column. <i>Talanta</i> , 2010, 81, 1494-1501.	5.5	33
13	Ethyl propiolate as a post-column derivatization reagent for thiols: Development of a green liquid chromatographic method for the determination of glutathione in vegetables. <i>Analytica Chimica Acta</i> , 2011, 690, 122-128.	5.4	31
14	Determination of glutathione in baker's yeast by capillary electrophoresis using methyl propiolate as derivatizing reagent. <i>Journal of Chromatography A</i> , 2013, 1300, 204-208.	3.7	31
15	Flow and Sequential Injection Manifolds for the Spectrophotometric Determination of Captopril Based on its Oxidation by Fe(III). <i>Mikrochimica Acta</i> , 2003, 142, 55-62.	5.0	29
16	Automated determination of flutamide by a validated flow-injection method: Application to dissolution studies of pharmaceutical tablets. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 43, 1820-1824.	2.8	28
17	Ethyl-propiolate as a novel and promising analytical reagent for the derivatization of thiols: Study of the reaction under flow conditions. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 50, 384-391.	2.8	28
18	Selective post-column derivatization coupled to cation exchange chromatography for the determination of histamine and its precursor histidine in fish and Oriental sauce samples. <i>Food Chemistry</i> , 2021, 351, 129351.	8.2	27

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19	Bioanalytical HPLC Applications of In-Tube Solid Phase Microextraction: A Two-Decade Overview. <i>Molecules</i> , 2020, 25, 2096.	3.8	26
20	Optimization and validation of a dissolution test for famotidine tablets using flow injection analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 41, 437-441.	2.8	25
21	Automated determination of total captopril in urine by liquid chromatography with post-column derivatization coupled to on-line solid phase extraction in a sequential injection manifold. <i>Talanta</i> , 2012, 88, 561-566.	5.5	25
22	On-line dilution flow injection manifold for the selective spectrophotometric determination of ascorbic acid based on the Fe(II)-2,2'-bipyridyl-2-pyridylhydrazone complex formation. <i>Talanta</i> , 2001, 55, 127-134.	5.5	24
23	Simultaneous flow-injection determination of fluoride, monofluorophosphate and orthophosphate ions using alkaline phosphatase immobilized on a cellulose nitrate membrane and an open-circulation approach. <i>Analytica Chimica Acta</i> , 2002, 467, 83-89.	5.4	24
24	Optimization and validation of a dissolution test for selegiline hydrochloride tablets by a novel rapid HPLC assay using a monolithic stationary phase. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 46, 670-675.	2.8	24
25	Separation and determination of nimesulide related substances for quality control purposes by micellar electrokinetic chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 49, 201-206.	2.8	24
26	Flow injection manifold for the direct spectrophotometric determination of bismuth in pharmaceutical products using Methylthymol Blue as a chromogenic reagent. <i>Analyst</i> , The, 2001, 126, 247-250.	3.5	21
27	Automated Determination of Captopril by Flow and Sequential Injection Analysis: A Review. <i>Analytical Letters</i> , 2011, 44, 560-576.	1.8	20
28	Rapid flow injection spectrophotometric determination of monofluorophosphates in toothpastes after on-line hydrolysis by alkaline phosphatase immobilized on a cellulose nitrate membrane. <i>Analyst</i> , The, 2001, 126, 1608-1611.	3.5	18
29	Automated sample preparation coupled to sequential injection chromatography: On-line filtration and dilution protocols prior to separation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 49, 726-732.	2.8	18
30	Zwitterionic hydrophilic interaction chromatography coupled with post-column derivatization for the analysis of glutathione in wine samples. <i>Analytica Chimica Acta</i> , 2013, 795, 75-81.	5.4	18
31	Fluorimetric Method for the Determination of Histidine in Random Human Urine Based on Zone Fluidics. <i>Molecules</i> , 2020, 25, 1665.	3.8	18
32	Rapid spectrofluorimetric determination of lisinopril in pharmaceutical tablets using sequential injection analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 379, 759-63.	3.7	17
33	Determination of glutathione and glutathione disulfide using zone fluidics and fluorimetric detection. <i>Talanta</i> , 2021, 222, 121559.	5.5	17
34	Direct, selective flow injection spectrophotometric determination of calcium in wines using methylthymol blue and an on-line cascade dilution system. <i>Analytica Chimica Acta</i> , 1999, 402, 259-266.	5.4	16
35	Direct and Selective Flow-Injection Method for the Simultaneous Spectrophotometric Determination of Calcium and Magnesium in Red and White Wines Using Online Dilution Based on "Zone Sampling". <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 5152-5155.	5.2	16
36	Selective fluorimetric method for the determination of histamine in seafood samples based on the concept of zone fluidics. <i>Analytica Chimica Acta</i> , 2013, 778, 48-53.	5.4	16

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37	Single run analysis of glutathione and its disulfide in food samples by liquid chromatography coupled to on-line post-column derivatization. <i>Food Chemistry</i> , 2021, 361, 130173.	8.2	16
38	Flow-injection manifold for the simultaneous spectrophotometric determination of Fe(II) and Fe(III) using 2,2'-dipyridyl-2-pyridylhydrazone and a single-line double injection approach. <i>Fresenius' Journal of Analytical Chemistry</i> , 2001, 371, 364-368.	1.5	15
39	Flow Injection Spectrophotometric Determination of the Antibiotic Fosfomycin in Pharmaceutical Products and Urine Samples after On-line Thermal-Induced Digestion. <i>Analytical Biochemistry</i> , 2002, 304, 244-248.	2.4	14
40	Derivatization of thiols under flow conditions using two commercially available propiolate esters. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 53, 790-794.	2.8	13
41	NBD-Cl as a Post-Column Reagent for Primary and Secondary Amines after Separation by Ion-Exchange Chromatography. <i>Analytical Letters</i> , 2011, 44, 1821-1834.	1.8	13
42	Determination of rimantadine in human urine by HPLC using a monolithic stationary phase and on-line post-column derivatization. <i>Journal of Separation Science</i> , 2013, 36, 1720-1725.	2.5	13
43	Determination of glutathione and cysteine in yeasts by hydrophilic interaction liquid chromatography followed by on-line postcolumn derivatization. <i>Journal of Separation Science</i> , 2013, 36, 1877-1882.	2.5	13
44	A GREEN HPLC METHOD FOR THE DETERMINATION OF N-ACETYLCYSTEINE USING POST-COLUMN DERIVATIZATION WITH METHYL-PROPIOLATE. <i>Instrumentation Science and Technology</i> , 2012, 40, 150-160.	1.8	12
45	Automated derivatization and fluorimetric determination of biogenic amines in milk by zone fluidics coupled to liquid chromatography. <i>Journal of Chromatography A</i> , 2014, 1356, 272-276.	3.7	12
46	Determination of histidine in human serum and urine by cation exchange chromatography coupled to selective on-line post column derivatization. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1173, 122697.	2.3	12
47	Combination of fabric phase sorptive extraction with UHPLC-ESI-MS/MS for the determination of adamantane analogues in human urine. <i>Microchemical Journal</i> , 2022, 176, 107250.	4.5	12
48	Normal and differential demasking flow-injection manifold for the direct spectrophotometric determination of zinc(ii) in biological materials and pharmaceutical formulations. <i>Analyst</i> , The, 2000, 125, 2106-2111.	3.5	11
49	Generic Automated Fluorimetric Assay for the Quality Control of Gamma Aminobutyric Acid-Analogue Anti-Epileptic Drugs Using Sequential Injection. <i>Analytical Letters</i> , 2010, 43, 905-918.	1.8	11
50	Trace analysis of rimantadine in human urine after dispersive liquid liquid microextraction followed by liquid chromatography post column derivatization. <i>Journal of Separation Science</i> , 2020, 43, 631-638.	2.5	10
51	Automated fluorimetric sensor for glutathione based on zone fluidics. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 229, 117963.	3.9	10
52	Novel automated assay for the quality control of mexiletine hydrochloride formulations using sequential injection and on-line dilution. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 48, 1254-1260.	2.8	9
53	Automated zone sampling dilution by coupling sequential injection analysis to high-throughput HPLC for the direct determination of gemfibrozil. <i>Journal of Separation Science</i> , 2009, 32, 2819-2826.	2.5	9
54	Automated tagging of pharmaceutically active thiols under flow conditions using monobromobimane. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 54, 882-885.	2.8	9

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55	Specific determination of histamine in cheese and cured meat products by ion chromatography coupled to fluorimetric detection. <i>Microchemical Journal</i> , 2021, 168, 106513.	4.5	9
56	Salting-out homogeneous liquid-liquid microextraction for the determination of azole drugs in human urine: Validation using total error concept. <i>Journal of Separation Science</i> , 2022, , .	2.5	9
57	Development and Validation of a Flow-Injection Assay for Dissolution Studies of the Anti-depressant Drug Venlafaxine. <i>Analytical Sciences</i> , 2005, 21, 1515-1518.	1.6	8
58	On-Line Derivatization of <i>N</i> -acetylcysteine Using Ethyl-Propiolate as a Novel Advantageous Reagent and Sequential Injection Analysis. <i>Analytical Letters</i> , 2010, 43, 1889-1901.	1.8	8
59	High-Throughput Determination of Quinine in Beverages and Soft Drinks Based on Zone-Fluidics Coupled to Monolithic Liquid Chromatography. <i>Analytical Letters</i> , 2013, 46, 1718-1731.	1.8	8
60	Solid-Phase Microextraction. <i>Molecules</i> , 2020, 25, 379.	3.8	8
61	On-line cleavage of disulfide bonds by soluble and immobilized tris-(2-carboxyethyl)phosphine using sequential injection analysis. <i>Talanta</i> , 2012, 96, 21-25.	5.5	7
62	Automated Stopped-Flow Fluorimetric Sensor for Biologically Active Adamantane Derivatives Based on Zone Fluidics. <i>Molecules</i> , 2019, 24, 3975.	3.8	7
63	UHPLC-fluorescence method for the determination of trace levels of hydrazine in allopurinol and its formulations: Validation using total-error concept. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 187, 113354.	2.8	7
64	Development of a Paper-Based Analytical Method for the Selective Colorimetric Determination of Bismuth in Water Samples. <i>Chemosensors</i> , 2022, 10, 265.	3.6	7
65	High Throughput Automated Determination of Glutathione Based on the Formation of a UV-Absorbing Thioacrylate Derivative. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2010, 13, 461-468.	1.1	6
66	Automated Derivatization of Pharmaceutically Active Thiols Under Flow Conditions Using an o-Phthalaldehyde/Glycine Fluorogenic System and Sequential Injection Analysis. <i>Analytical Letters</i> , 2011, 44, 2530-2542.	1.8	6
67	Automated fluorimetric determination of the genotoxic impurity hydrazine in allopurinol pharmaceuticals using zone fluidics and on-line solid phase extraction. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 177, 112887.	2.8	6
68	Automated Determination of Pharmaceutically and Biologically Active Thiols by Sequential Injection Analysis: A Review. <i>The Open Chemical and Biomedical Methods Journal</i> , 2010, 3, 37-45.	0.5	6
69	Flow injection spectrophotometric determination of fosfestrol, following on-line thermal induced digestion and using an orthophosphate calibration graph. <i>Talanta</i> , 2003, 59, 207-213.	5.5	5
70	Validated Flow Injection Spectrophotometric Assay for the Quality and Stability Control of Gemfibrozil Tablets. <i>Analytical Letters</i> , 2005, 38, 2165-2173.	1.8	5
71	HPLC method with post-column derivatization for the analysis of endogenous histidine in human saliva validated using the total-error concept. <i>Amino Acids</i> , 2022, 54, 399-409.	2.7	5
72	Analytical quality-by-design optimization of UHPLC method for the analysis of octreotide release from a peptide-based hydrogel in-vitro. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 214, 114699.	2.8	5

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73	HPLC Determination of Colistin in Human Urine Using Alkaline Mobile Phase Combined with Post-Column Derivatization: Validation Using Accuracy Profiles. <i>Molecules</i> , 2022, 27, 3489.	3.8	5
74	Development of an equipment free paper based fluorimetric method for the selective determination of histidine in human urine samples. <i>Talanta</i> , 2022, 249, 123685.	5.5	5
75	Automated pre-column derivatization of thiolic fruit antioxidant agents by sequential injection coupled to high performance liquid chromatography using a monolithic stationary phase and an in-loop stopped-flow approach. <i>Journal of Separation Science</i> , 2011, 34, 2240-2246.	2.5	4
76	Development and validation of a rapid ultra high pressure liquid chromatographic method for the determination of methylxanthines in herbal infusions. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 927, 218-222.	2.3	4
77	Micelles Mediated Zone Fluidics Method for Hydrazine Determination in Environmental Samples. <i>Molecules</i> , 2020, 25, 174.	3.8	4
78	Automated fluorimetric sensor for hydrazine determination in water samples based on the concept of zone fluidics. <i>Environmental Science and Pollution Research</i> , 2021, 28, 59083-59090.	5.3	4
79	Study of the Oxidative Forced Degradation of Glutathione in Its Nutraceutical Formulations Using Zone Fluidics and Green Liquid Chromatography. <i>Separations</i> , 2020, 7, 16.	2.4	4
80	Development and validation of a direct HPLC method for the determination of salivary glutathione disulphide using a core shell column and post column derivatization with o-phthalaldehyde. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1197, 123216.	2.3	4
81	HPLC Separation of Nimesulide and Five Impurities using a Narrow-Bore Monolithic Column: Application to Photo-Degradation Studies. <i>Chromatographia</i> , 2011, 73, 347-352.	1.3	3
82	Selective reaction of homocysteine with o-phthalaldehyde under flow conditions in highly alkaline medium: fluorimetric determination using zone fluidics. <i>Luminescence</i> , 2020, 35, 1402-1407.	2.9	3
83	Single-Step Hydrolysis and Derivatization of Homocysteine Thiolactone Using Zone Fluidics: Simultaneous Analysis of Mixtures with Homocysteine Following Separation by Fluorosurfactant-Modified Gold Nanoparticles. <i>Molecules</i> , 2022, 27, 2040.	3.8	2
84	Zone Fluidics Derivatization of Thiols Under Flow Conditions by 2-Chloro-1-methylquinolinium Tetrafluoroborate. <i>Analytical Letters</i> , 2014, 47, 331-342.	1.8	1
85	Development and Validation of an Automated Zone Fluidics-Based Sensor for In Vitro Dissolution Studies of Captopril Using Total Error Concept. <i>Molecules</i> , 2021, 26, 824.	3.8	1
86	Development and Validation of an HPLC-UV Method for the Dissolution Studies of 3D-Printed Paracetamol Formulations in Milk-Containing Simulated Gastrointestinal Media. <i>Pharmaceuticals</i> , 2022, 15, 755.	3.8	1
87	Chromatographic behavior of the biologically active proline derivative captopril on particulate, monolithic and core-shell narrow bore columns. <i>Analytical Methods</i> , 2012, 4, 4373.	2.7	0
88	Automated Determination of Hydrogen Peroxide at the Micro-Molar Level in Rainwater and Snow Using a Stopped-Flow Approach in a Hybrid Sequential Injection/Flow Injection Manifold. <i>Analytical Letters</i> , 2012, 45, 1086-1097.	1.8	0