Petr ChocholouÅ¡

List of Publications by Year
in descending order

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43	877	471509 17	477307 29
papers	citations	h-index	g-index

43	43	43	770
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A simple method to quantify azo dyes in spices based on flow injection chromatography combined with chemometric tools. Journal of Food Science and Technology, 2022, 59, 2764-2775.	2.8	3
2	On-line polydopamine coating as a new way to functionalize polypropylene fiber sorbent for solid phase extraction. Talanta, 2020, 219, 121189.	5.5	3
3	Content of major phenolic compounds in apples: Benefits of ultra-low oxygen conditions in long-term storage. Journal of Food Composition and Analysis, 2020, 92, 103587.	3.9	10
4	Fully automated method based on on-line molecularly imprinted polymer solid-phase extraction for determination of lovastatin in dietary supplements containing red yeast rice. Analytical and Bioanalytical Chemistry, 2019, 411, 1219-1228.	3.7	8
5	New generation of sequential injection chromatography: Great enhancement of capabilities of separation using flow analysis. Talanta, 2019, 204, 272-277.	5.5	4
6	Automatic screening of antioxidants based on the evaluation of kinetics of suppression of chemiluminescence in a luminolâ€“hydrogen peroxide system using a sequential injection analysis setup with a flow-batch detection cell. Analytical Methods, 2019, 11, 2531-2536.	2.7	8
7	Testing of nylon 6 nanofibers with different surface densities as sorbents for solid phase extraction and their selectivity comparison with commercial sorbent. Talanta, 2018, 181, 326-332.	5.5	25
8	Determination of major phenolic compounds in apples: Part Iâ€”Optimization of highâ€performance liquid chromatography separation with diode array detection. Journal of Separation Science, 2018, 41, 3042-3050.	2.5	5
9	Novel Approach to Two-Component Analysis Based on the Generalized Calibration Strategy. Analytical Letters, 2017, 50, 617-628.	1.8	5
10	Multilayered particle-packed column: Evaluation and comparison with monolithic and core-shell particle columns for the determination of red azo dyes in Sequential Injection Chromatography. Journal of Separation Science, 2017, 40, 1225-1233.	2.5	9
11	Subâ€“1 min separation in sequential injection chromatography for determination of synthetic water-soluble dyes in pharmaceutical formulation. Journal of Pharmaceutical and Biomedical Analysis, 2017, 143, 123-129.	2.8	12
12	Quantum dots as chemiluminescence enhancers tested by sequential injection technique: Comparison of flow and flow-batch conditions. Journal of Luminescence, 2017, 184, 235-241.	3.1	7
13	Fast separation of red colorants in beverages using cyano monolithic column in Sequential Injection Chromatography. Microchemical Journal, 2017, 130, 384-389.	4.5	9
14	Novel Dispersed Sorbent Sorptive Extraction Method for the Chromatography Profiling of Active Substances in Ginger. Food Analytical Methods, 2017, 10, 1016-1023.	2.6	0
15	Sensitive Monitoring of Amygdalin and 5-Hydroxytryptamine in Food Supplements Using HILIC OH5 Chromatography. Food Analytical Methods, 2016, 9, 1849-1856.	2.6	2
16	Determination of trace zinc in seawater by coupling solid phase extraction and fluorescence detection in the Lab-On-Valve format. Analytica Chimica Acta, 2016, 923, 45-54.	5.4	14
17	Large volume preconcentration and determination of nanomolar concentrations of iron in seawater using a renewable cellulose 8-hydroquinoline sorbent microcolumn and universal approach of post-column eluate utilization in a Lab-on-Valve system. Talanta, 2016, 150, 213-223.	5.5	15
18	An automated method for monitoring aluminum in water samples based on a sequential injection platform. Analytical Methods, 2015, 7, 5530-5537.	2.7	3

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19	On-line coupling of Micro-Extraction by Packed Sorbent with Sequential Injection Chromatography system for direct extraction and determination of betaxolol in human urine. Talanta, 2015, 143, 132-137.	5.5	17
20	Sequential Injection Chromatography with post-column reaction/derivatization for the determination of transition metal cations in natural water samples. Talanta, 2015, 136, 75-83.	5.5	15
21	On-line hyphenation of solid-phase extraction to chromatographic separation of sulfonamides with fused-core columns in sequential injection chromatography. Talanta, 2015, 133, 142-149.	5.5	29
22	Ultra-fast separation of estrogen steroids using subcritical fluid chromatography on sub-2-micron particles. Talanta, 2014, 121, 178-186.	5.5	42
23	Application of a fully integrated photodegradation-detection flow-batch analysis system with an on-line preconcentration step for the determination of metsulfuron methyl in water samples. Talanta, 2014, 129, 233-240.	5.5	11
24	Fast HPLC Method for Determination of Fenoxycarb and Permethrin in Antiparasitic Veterinary Shampoo Using Fused-Core Column. Chromatographia, 2013, 76, 1559-1564.	1.3	4
25	Two-column sequential injection chromatography for fast isocratic separation of two analytes of greatly differing chemical properties. Talanta, 2013, 114, 311-317.	5.5	5
26	Green chromatography separation of analytes of greatly differing properties using a polyethylene glycol stationary phase and a low-toxic water-based mobile phase. Analytical and Bioanalytical Chemistry, 2013, 405, 6105-6115.	3.7	25
27	High-resolution monolithic columnsâ€"a new tool for effective and quick separation. Analytical and Bioanalytical Chemistry, 2013, 405, 2255-2263.	3.7	17
28	Advantages of coreâ€"shell particle columns in Sequential Injection Chromatography for determination of phenolic acids. Talanta, 2013, 103, 221-227.	5.5	31
29	A non-extractive sequential injection method for determination of molybdenum. Talanta, 2012, 96, 185-189.	5.5	9
30	Separation of Vitamins Retinol Acetate, Ergocalciferol, or Cholecalciferol and Tocopherol Acetate Using Sequential Injection Chromatography. Analytical Letters, 2011, 44, 446-456.	1.8	7
31	Simple automated generation of gradient elution conditions in sequential injection chromatography using monolithic column. Talanta, 2011, 84, 1273-1277.	5.5	23
32	Enhanced capabilities of separation in Sequential Injection Chromatography â€" Fused-core particle column and its comparison with narrow-bore monolithic column. Talanta, 2011, 85, 1129-1134.	5.5	30
33	Two-column Sequential Injection Chromatographyâ€"New approach for fast and effective analysis and its comparison with gradient elution chromatography. Analytica Chimica Acta, 2010, 668, 61-66.	5.4	24
34	A novel dual-valve sequential injection manifold (DV-SIA) for automated liquidâ€"liquid extraction. Application for the determination of picric acid. Analytica Chimica Acta, 2010, 666, 55-61.	5.4	21
35	An air-assisted liquidâ€"liquid extraction using a dual-valve sequential injection manifold (DV-SIA): Determination of copper. Analytical Methods, 2010, 2, 1134.	2.7	25
36	Two-parameter monitoring in a lab-on-valve manifold, applied to intracellular H2O2 measurements. Analyst, The, 2009, 134, 1498.	3.5	12

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37	New ionophores for vitamin B1 and vitamin B6 potentiometric sensors for multivitaminic control. Journal of Pharmaceutical and Biomedical Analysis, 2008, 46, 683-691.	2.8	18
38	Determination of pesticides fenoxycarb and permethrin by sequential injection chromatography using miniaturized monolithic column. Talanta, 2008, 77, 566-570.	5.5	30
39	A novel application of Onyxâ„¢ monolithic column for simultaneous determination of salicylic acid and triamcinolone acetonide by sequential injection chromatography. Talanta, 2007, 72, 854-858.	5.5	34
40	An overview of sequential injection chromatography. Analytica Chimica Acta, 2007, 600, 129-135.	5.4	91
41	Fast simultaneous spectrophotometric determination of naphazoline nitrate and methylparaben by sequential injection chromatography. Talanta, 2006, 70, 408-413.	5.5	50
42	Simple determination of betamethasone and chloramphenicol in a pharmaceutical preparation using a short monolithic column coupled to a sequential injection system. Journal of Separation Science, 2006, 29, 2494-2499.	2.5	38
43	Monolithic columnsâ€"a new concept of separation in the sequential injection technique. Analytica Chimica Acta, 2003, 499, 205-214.	5.4	127