

# Petr ChocholouÅ;

## List of Publications by Year in descending order

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Monolithic columnsâ€”a new concept of separation in the sequential injection technique. <i>Analytica Chimica Acta</i> , 2003, 499, 205-214.	5.4	127
2	An overview of sequential injection chromatography. <i>Analytica Chimica Acta</i> , 2007, 600, 129-135.	5.4	91
3	Fast simultaneous spectrophotometric determination of naphazoline nitrate and methylparaben by sequential injection chromatography. <i>Talanta</i> , 2006, 70, 408-413.	5.5	50
4	Ultra-fast separation of estrogen steroids using subcritical fluid chromatography on sub-2-micron particles. <i>Talanta</i> , 2014, 121, 178-186.	5.5	42
5	Simple determination of betamethasone and chloramphenicol in a pharmaceutical preparation using a short monolithic column coupled to a sequential injection system. <i>Journal of Separation Science</i> , 2006, 29, 2494-2499.	2.5	38
6	A novel application of Onyxâ„¢ monolithic column for simultaneous determination of salicylic acid and triamcinolone acetonide by sequential injection chromatography. <i>Talanta</i> , 2007, 72, 854-858.	5.5	34
7	Advantages of coreâ€”shell particle columns in Sequential Injection Chromatography for determination of phenolic acids. <i>Talanta</i> , 2013, 103, 221-227.	5.5	31
8	Determination of pesticides fenoxycarb and permethrin by sequential injection chromatography using miniaturized monolithic column. <i>Talanta</i> , 2008, 77, 566-570.	5.5	30
9	Enhanced capabilities of separation in Sequential Injection Chromatography â€” Fused-core particle column and its comparison with narrow-bore monolithic column. <i>Talanta</i> , 2011, 85, 1129-1134.	5.5	30
10	On-line hyphenation of solid-phase extraction to chromatographic separation of sulfonamides with fused-core columns in sequential injection chromatography. <i>Talanta</i> , 2015, 133, 142-149.	5.5	29
11	An air-assisted liquidâ€”liquid extraction using a dual-valve sequential injection manifold (DV-SIA): Determination of copper. <i>Analytical Methods</i> , 2010, 2, 1134.	2.7	25
12	Green chromatography separation of analytes of greatly differing properties using a polyethylene glycol stationary phase and a low-toxic water-based mobile phase. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 6105-6115.	3.7	25
13	Testing of nylon 6 nanofibers with different surface densities as sorbents for solid phase extraction and their selectivity comparison with commercial sorbent. <i>Talanta</i> , 2018, 181, 326-332.	5.5	25
14	Two-column Sequential Injection Chromatographyâ€”New approach for fast and effective analysis and its comparison with gradient elution chromatography. <i>Analytica Chimica Acta</i> , 2010, 668, 61-66.	5.4	24
15	Simple automated generation of gradient elution conditions in sequential injection chromatography using monolithic column. <i>Talanta</i> , 2011, 84, 1273-1277.	5.5	23
16	A novel dual-valve sequential injection manifold (DV-SIA) for automated liquidâ€”liquid extraction. Application for the determination of picric acid. <i>Analytica Chimica Acta</i> , 2010, 666, 55-61.	5.4	21
17	New ionophores for vitamin B1 and vitamin B6 potentiometric sensors for multivitaminic control. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 46, 683-691.	2.8	18
18	High-resolution monolithic columnsâ€”a new tool for effective and quick separation. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 2255-2263.	3.7	17

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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. <i>Talanta</i> , 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. <i>Talanta</i> , 2015, 136, 75-83.	5.5	15
21	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. <i>Talanta</i> , 2016, 150, 213-223.	5.5	15
22	Determination of trace zinc in seawater by coupling solid phase extraction and fluorescence detection in the Lab-On-Valve format. <i>Analytica Chimica Acta</i> , 2016, 923, 45-54.	5.4	14
23	Two-parameter monitoring in a lab-on-valve manifold, applied to intracellular H <sub>2</sub> O <sub>2</sub> measurements. <i>Analyst</i> , The, 2009, 134, 1498.	3.5	12
24	Sub-1 min separation in sequential injection chromatography for determination of synthetic water-soluble dyes in pharmaceutical formulation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 143, 123-129.	2.8	12
25	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. <i>Talanta</i> , 2014, 129, 233-240.	5.5	11
26	Content of major phenolic compounds in apples: Benefits of ultra-low oxygen conditions in long-term storage. <i>Journal of Food Composition and Analysis</i> , 2020, 92, 103587.	3.9	10
27	A non-extractive sequential injection method for determination of molybdenum. <i>Talanta</i> , 2012, 96, 185-189.	5.5	9
28	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. <i>Journal of Separation Science</i> , 2017, 40, 1225-1233.	2.5	9
29	Fast separation of red colorants in beverages using cyano monolithic column in Sequential Injection Chromatography. <i>Microchemical Journal</i> , 2017, 130, 384-389.	4.5	9
30	Fully automated method based on on-line molecularly imprinted polymer solid-phase extraction for determination of lovastatin in dietary supplements containing red yeast rice. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 1219-1228.	3.7	8
31	Automatic screening of antioxidants based on the evaluation of kinetics of suppression of chemiluminescence in a luminol-hydrogen peroxide system using a sequential injection analysis setup with a flow-batch detection cell. <i>Analytical Methods</i> , 2019, 11, 2531-2536.	2.7	8
32	Separation of Vitamins Retinol Acetate, Ergocalciferol, or Cholecalciferol and Tocopherol Acetate Using Sequential Injection Chromatography. <i>Analytical Letters</i> , 2011, 44, 446-456.	1.8	7
33	Quantum dots as chemiluminescence enhancers tested by sequential injection technique: Comparison of flow and flow-batch conditions. <i>Journal of Luminescence</i> , 2017, 184, 235-241.	3.1	7
34	Two-column sequential injection chromatography for fast isocratic separation of two analytes of greatly differing chemical properties. <i>Talanta</i> , 2013, 114, 311-317.	5.5	5
35	Novel Approach to Two-Component Analysis Based on the Generalized Calibration Strategy. <i>Analytical Letters</i> , 2017, 50, 617-628.	1.8	5
36	Determination of major phenolic compounds in apples: Part I—Optimization of high-performance liquid chromatography separation with diode array detection. <i>Journal of Separation Science</i> , 2018, 41, 3042-3050.	2.5	5

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37	Fast HPLC Method for Determination of Fenoxycarb and Permethrin in Antiparasitic Veterinary Shampoo Using Fused-Core Column. <i>Chromatographia</i> , 2013, 76, 1559-1564.	1.3	4
38	New generation of sequential injection chromatography: Great enhancement of capabilities of separation using flow analysis. <i>Talanta</i> , 2019, 204, 272-277.	5.5	4
39	An automated method for monitoring aluminum in water samples based on a sequential injection platform. <i>Analytical Methods</i> , 2015, 7, 5530-5537.	2.7	3
40	On-line polydopamine coating as a new way to functionalize polypropylene fiber sorbent for solid phase extraction. <i>Talanta</i> , 2020, 219, 121189.	5.5	3
41	A simple method to quantify azo dyes in spices based on flow injection chromatography combined with chemometric tools. <i>Journal of Food Science and Technology</i> , 2022, 59, 2764-2775.	2.8	3
42	Sensitive Monitoring of Amygdalin and 5-Hydroxytryptamine in Food Supplements Using HILIC OH5 Chromatography. <i>Food Analytical Methods</i> , 2016, 9, 1849-1856.	2.6	2
43	Novel Dispersed Sorbent Sorptive Extraction Method for the Chromatography Profiling of Active Substances in Ginger. <i>Food Analytical Methods</i> , 2017, 10, 1016-1023.	2.6	0