

# Dalibor Satnsk

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

108  
papers

2,309  
citations

28  
h-index

40  
g-index

114  
ext. papers

2,576  
ext. citations

5.4  
avg, IF

5.1  
L-index

#	Paper	IF	Citations
108	Monolithic columns – new concept of separation in the sequential injection technique. <i>Analytica Chimica Acta</i> , <b>2003</b> , 499, 205-214	6.6	117
107	Using restricted-access materials and column switching in high-performance liquid chromatography for direct analysis of biologically-active compounds in complex matrices. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2007</b> , 26, 375-384	14.6	105
106	An overview of sequential injection chromatography. <i>Analytica Chimica Acta</i> , <b>2007</b> , 600, 129-35	6.6	80
105	Using on-line solid phase extraction for simultaneous determination of ascorbic acid and rutin trihydrate by sequential injection analysis. <i>Analytica Chimica Acta</i> , <b>2003</b> , 497, 165-174	6.6	72
104	Sequential injection chromatographic determination of paracetamol, caffeine, and acetylsalicylic acid in pharmaceutical tablets. <i>Journal of Separation Science</i> , <b>2004</b> , 27, 529-36	3.4	68
103	HPLC methods for the determination of simvastatin and atorvastatin. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2008</b> , 27, 352-367	14.6	64
102	Reversed-phase porous silica rods, an alternative approach to high-performance liquid chromatographic separation using the sequential injection chromatography technique. <i>Journal of Chromatography A</i> , <b>2003</b> , 1015, 239-44	4.5	50
101	Ultra high performance liquid chromatography tandem mass spectrometric detection in clinical analysis of simvastatin and atorvastatin. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2009</b> , 877, 2093-103	3.2	47
100	Coupling of monolithic columns with sequential injection technique: A new separation approach in flow methods. <i>Analytica Chimica Acta</i> , <b>2003</b> , 494, 133-140	6.6	46
99	Comparison of UV and charged aerosol detection approach in pharmaceutical analysis of statins. <i>Talanta</i> , <b>2009</b> , 78, 834-9	6.2	45
98	Determination of ambroxol hydrochloride, methylparaben and benzoic acid in pharmaceutical preparations based on sequential injection technique coupled with monolithic column. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2006</b> , 40, 287-93	3.5	45
97	Current trends in the analysis and quality control of food supplements based on plant extracts. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1036, 1-15	6.6	44
96	Fast and sensitive UHPLC methods with fluorescence and tandem mass spectrometry detection for the determination of tetracycline antibiotics in surface waters. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2013</b> , 927, 201-8	3.2	41
95	Sequential injection chromatographic determination of ambroxol hydrochloride and doxycycline in pharmaceutical preparations. <i>Talanta</i> , <b>2005</b> , 68, 214-8	6.2	41
94	Automation of simultaneous release tests of two substances by sequential injection chromatography coupled with Franz cell. <i>Talanta</i> , <b>2006</b> , 69, 730-5	6.2	41
93	Analysis of trace organic compounds in environmental, food and biological matrices using large-volume sample injection in column-switching liquid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2014</b> , 62, 69-85	14.6	40
92	A New and Fast HPLC Method for Determination of Rutin, Troxerutin, Diosmin and Hesperidin in Food Supplements Using Fused-Core Column Technology. <i>Food Analytical Methods</i> , <b>2013</b> , 6, 1353-1360	3.4	40

91	Fast simultaneous spectrophotometric determination of naphazoline nitrate and methylparaben by sequential injection chromatography. <i>Talanta</i> , <b>2006</b> , 70, 408-13	6.2	40
90	New method for the determination of carbamate and pyrethroid insecticides in water samples using on-line SPE fused core column chromatography. <i>Talanta</i> , <b>2014</b> , 129, 579-85	6.2	39
89	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> , <b>2006</b> , 29, 2494-9	3.4	36
88	Colorimetric bismuth determination in pharmaceuticals using a xylenol orange sol-gel sensor coupled to a multicommutated flow system. <i>Analytica Chimica Acta</i> , <b>2004</b> , 504, 235-241	6.6	36
87	Development and validation of ultra-high performance supercritical fluid chromatography method for determination of illegal dyes and comparison to ultra-high performance liquid chromatography method. <i>Analytica Chimica Acta</i> , <b>2015</b> , 874, 84-96	6.6	33
86	A new approach to the rapid separation of isomeric compounds in a Silybum marianum extract using UHPLC core-shell column with F5 stationary phase. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2017</b> , 134, 203-213	3.5	32
85	Using on-line solid phase extraction for flow-injection spectrophotometric determination of salbutamol. <i>Analytica Chimica Acta</i> , <b>2002</b> , 455, 103-109	6.6	30
84	A fully automated and fast method using direct sample injection combined with fused-core column on-line SPE-HPLC for determination of ochratoxin A and citrinin in lager beers. <i>Analytical and Bioanalytical Chemistry</i> , <b>2016</b> , 408, 3319-29	4.4	29
83	Determination of pesticides fenoxycarb and permethrin by sequential injection chromatography using miniaturized monolithic column. <i>Talanta</i> , <b>2008</b> , 77, 566-570	6.2	29
82	On-line hyphenation of solid-phase extraction to chromatographic separation of sulfonamides with fused-core columns in sequential injection chromatography. <i>Talanta</i> , <b>2015</b> , 133, 142-9	6.2	28
81	An on-line coupling of nanofibrous extraction with column-switching high performance liquid chromatography - A case study on the determination of bisphenol A in environmental water samples. <i>Talanta</i> , <b>2018</b> , 178, 141-146	6.2	28
80	Enhanced capabilities of separation in Sequential Injection Chromatography--fused-core particle column and its comparison with narrow-bore monolithic column. <i>Talanta</i> , <b>2011</b> , 85, 1129-34	6.2	28
79	A novel application of Onyxtrade mark monolithic column for simultaneous determination of salicylic acid and triamcinolone acetonide by sequential injection chromatography. <i>Talanta</i> , <b>2007</b> , 72, 854-8	6.2	28
78	A comparison study of nanofiber, microfiber, and new composite nano/microfiber polymers used as sorbents for on-line solid phase extraction in chromatography system. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1023, 44-52	6.6	28
77	Advantages of core-shell particle columns in Sequential Injection Chromatography for determination of phenolic acids. <i>Talanta</i> , <b>2013</b> , 103, 221-7	6.2	27
76	Automated simultaneous monitoring of nitrate and nitrite in surface water by sequential injection analysis. <i>Water Research</i> , <b>2002</b> , 36, 2777-83	12.5	26
75	Sequential injection extraction based on restricted access material for determination of furosemide in serum. <i>Journal of Chromatography A</i> , <b>2005</b> , 1087, 245-51	4.5	25
74	Electrospun nanofiber polymers as extraction phases in analytical chemistry □The advances of the last decade. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2019</b> , 110, 81-96	14.6	25

73	On-line SPE-UHPLC method using fused core columns for extraction and separation of nine illegal dyes in chilli-containing spices. <i>Talanta</i> , <b>2014</b> , 130, 433-41	6.2	24
72	A rapid HPLC column switching method for sample preparation and determination of $\beta$ -carotene in food supplements. <i>Food Chemistry</i> , <b>2013</b> , 141, 1433-7	8.5	24
71	Fluorimetric SIA optosensing in pharmaceutical analysis: determination of paracetamol. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2007</b> , 45, 318-21	3.5	24
70	Flow-through sol-gel optical biosensor for the colorimetric determination of acetazolamide. <i>Analyst, The</i> , <b>2005</b> , 130, 1190-7	5	24
69	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> , <b>2013</b> , 405, 6105-15	4.4	21
68	Determination of salbutamol using on-line solid-phase extraction and sequential injection analysis. Comparison of chemiluminescence and fluorescence detection. <i>Analytical and Bioanalytical Chemistry</i> , <b>2003</b> , 376, 448-54	4.4	21
67	On-line coupling of molecularly imprinted solid phase extraction with liquid chromatography for the fast determination of coumarins from complex samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2017</b> , 145, 144-150	3.5	20
66	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> , <b>2018</b> , 181, 326-332	6.2	20
65	Molecularly imprinted vs. reversed-phase extraction for the determination of zearalenone: a method development and critical comparison of sample clean-up efficiency achieved in an on-line coupled SPE chromatography system. <i>Analytical and Bioanalytical Chemistry</i> , <b>2018</b> , 410, 3265-3273	4.4	19
64	Nanofiber polymers as novel sorbents for on-line solid phase extraction in chromatographic system: A comparison with monolithic reversed phase C18 sorbent. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1018, 26-34	6.6	19
63	Two-column sequential injection chromatography--new approach for fast and effective analysis and its comparison with gradient elution chromatography. <i>Analytica Chimica Acta</i> , <b>2010</b> , 668, 61-6	6.6	19
62	Fully automated drug liberation apparatus for semisolid preparations based on sequential injection analysis. <i>Analytica Chimica Acta</i> , <b>2003</b> , 499, 9-16	6.6	19
61	A UHPLC method for the rapid separation and quantification of anthocyanins in acai berry and dry blueberry extracts. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2017</b> , 143, 204-213	3.5	18
60	A UHPLC method for the rapid separation and quantification of phytosterols using tandem UV/Charged aerosol detection - A comparison of both detection techniques. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2017</b> , 140, 274-280	3.5	18
59	Development and validation of ultra-high performance supercritical fluid chromatography method for quantitative determination of nine sunscreens in cosmetic samples. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1034, 184-194	6.6	18
58	Aspects of decontamination of ivermectin and praziquantel from environmental waters using advanced oxidation technology. <i>Chemosphere</i> , <b>2016</b> , 144, 21-8	8.4	17
57	A Fast HPLC Method for Determination of Vitamin E Acetate in Dietary Supplements Using Monolithic Column. <i>Food Analytical Methods</i> , <b>2013</b> , 6, 380-385	3.4	17
56	Highly sensitive gas-diffusion sequential injection analysis based on flow manipulation. <i>Talanta</i> , <b>2009</b> , 79, 1021-5	6.2	17

55	Synthesis of mono-, di-, tri- and tetracarboxy azaphthalocyanines as potential dark quenchers. <i>Dyes and Pigments</i> , <b>2011</b> , 91, 112-119	4.6	17
54	The pentafluorophenyl stationary phase shows a unique separation efficiency for performing fast chromatography determination of highbush blueberry anthocyanins. <i>Talanta</i> , <b>2017</b> , 166, 249-254	6.2	16
53	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> , <b>2015</b> , 143, 132-137	6.2	16
52	HPLC column-switching technique for sample preparation and fluorescence determination of propranolol in urine using fused-core columns in both dimensions. <i>Analytical and Bioanalytical Chemistry</i> , <b>2013</b> , 405, 6583-7	4.4	15
51	An on-line SPE-HPLC method for effective sample preconcentration and determination of fenoxycarb and cis, trans-permethrin in surface waters. <i>Talanta</i> , <b>2015</b> , 142, 124-30	6.2	15
50	A high-performance liquid chromatography method with pre-column derivatization for the simultaneous determination of reduced glutathione, carnosine and taurine. <i>Analytical Methods</i> , <b>2014</b> , 6, 1475	3.2	14
49	High-resolution monolithic columns--a new tool for effective and quick separation. <i>Analytical and Bioanalytical Chemistry</i> , <b>2013</b> , 405, 2255-63	4.4	14
48	Fluorescence optosensing implemented with sequential injection analysis: a novel strategy for the determination of labetalol. <i>Analytical and Bioanalytical Chemistry</i> , <b>2007</b> , 387, 2065-9	4.4	14
47	On-line coupling of sequential injection extraction with restricted-access materials for sample clean-up and analysis of drugs in biological matrix. <i>Analyst, The</i> , <b>2003</b> , 128, 351-6	5	14
46	On-line coupling of sequential injection extraction with restricted-access materials and post-column derivatization for sample clean-up and determination of propranolol in human plasma. <i>Analytica Chimica Acta</i> , <b>2007</b> , 600, 122-8	6.6	13
45	Novel Regioselective Preparation of 5-Chloropyrazine-2-Carbonitrile from Pyrazine-2-Carboxamide and Coupling Study of Substituted Phenylsulfanylpyrazine- 2-Carboxylic Acid Derivatives. <i>Current Organic Chemistry</i> , <b>2005</b> , 9, 49-60	1.7	13
44	Polycaprolactone nanofibers functionalized with aldopamine coating for on-line solid phase extraction of bisphenols, betablockers, nonsteroidal drugs, and phenolic acids. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 710	5.8	12
43	Determination of green, blue and yellow artificial food colorants and their abuse in herb-coloured green Easter beers on tap. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2016</b> , 33, 1139-46	3.2	12
42	Sub-1min separation in sequential injection chromatography for determination of synthetic water-soluble dyes in pharmaceutical formulation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2017</b> , 143, 123-129	3.5	11
41	Optimisation of an HPLC method for the simultaneous determination of pyrantel pamoate, praziquantel, fenbendazole, oxfendazole and butylhydroxyanisole using a phenyl stationary phase. <i>Analytical Methods</i> , <b>2012</b> , 4, 1592	3.2	11
40	Advantages of pentafluorophenylpropyl stationary phase over conventional C18 stationary phase--application to analysis of triamcinolone acetonide. <i>Talanta</i> , <b>2008</b> , 76, 597-601	6.2	11
39	3D-Printed Magnetic Stirring Cages for Semidispersive Extraction of Bisphenols from Water Using Polymer Micro- and Nanofibers. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 3964-3971	7.8	10
38	Preparation of citrinin-selective molecularly imprinted polymer and its use for on-line solid-phase extraction coupled to liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , <b>2019</b> , 411, 2395-2404	4.4	10

37	Nanofibers as advanced sorbents for on-line solid phase extraction in liquid chromatography: A tutorial. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1121, 83-96	6.6	9
36	A new method for rapid determination of indole-3-carbinol and its condensation products in nutraceuticals using core-shell column chromatography method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2016</b> , 120, 383-90	3.5	9
35	A fast on-line micro-column sample pretreatment with a HPLC column switching technique and large volume sample injection for determination of non-steroidal anti-inflammatory drugs in human serum. <i>Analytical Methods</i> , <b>2013</b> , 5, 6153	3.2	9
34	Using on-line solid phase extraction for determination of amiloride in human urine by sequential injection technique. <i>Analytica Chimica Acta</i> , <b>2006</b> , 573-574, 376-82	6.6	9
33	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> , <b>2017</b> , 40, 1225-1233	3.4	8
32	Critical comparison of the on-line and off-line molecularly imprinted solid-phase extraction of patulin coupled with liquid chromatography. <i>Journal of Separation Science</i> , <b>2017</b> , 40, 4599-4609	3.4	8
31	A study of retention characteristics and quality control of nutraceuticals containing resveratrol and polydatin using fused-core column chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2016</b> , 120, 112-9	3.5	8
30	A Fast Determination of Chlorophylls in Barley Grass Juice Powder Using HPLC Fused-Core Column Technology and HPTLC. <i>Food Analytical Methods</i> , <b>2014</b> , 7, 629-635	3.4	8
29	Antileukotrienic phenethylamido derivatives of arylalkanoic acids in the treatment of ulcerative colitis. <i>European Journal of Medicinal Chemistry</i> , <b>2009</b> , 44, 332-44	6.8	8
28	Screening of extraction properties of nanofibers in a sequential injection analysis system using a 3D printed device. <i>Talanta</i> , <b>2019</b> , 197, 517-521	6.2	7
27	A New Gas Chromatography Method for Quality Control of Methylsulfonylmethane Content in Multicomponent Dietary Supplements. <i>Food Analytical Methods</i> , <b>2014</b> , 7, 1118-1122	3.4	7
26	Rapid and Simple Determination of Vitamin A and Vitamin E in Human Plasma by Column-Switching High-Performance Liquid Chromatography. <i>Current Analytical Chemistry</i> , <b>2009</b> , 5, 311-315	1.7	7
25	Derivatives of (Phenylsulfanyl)benzoic Acids with Multiple Antileukotrienic Activity. <i>Collection of Czechoslovak Chemical Communications</i> , <b>2004</b> , 69, 2098-2120		7
24	Micro-extraction by packed sorbent coupled on-line to a column-switching chromatography system [A case study on the determination of three beta-blockers in human urine. <i>Microchemical Journal</i> , <b>2019</b> , 147, 60-66	4.8	6
23	Fast separation of red colorants in beverages using cyano monolithic column in Sequential Injection Chromatography. <i>Microchemical Journal</i> , <b>2017</b> , 130, 384-389	4.8	6
22	Determination of bopindolol using the flow injection technique coupled with solid phase extraction. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2003</b> , 33, 1149-53	3.5	6
21	Novel nanofibrous sorbents for the extraction and determination of resveratrol in wine. <i>Talanta</i> , <b>2020</b> , 206, 120181	6.2	6
20	Determination of Ochratoxin A and Ochratoxin B in Archived Tokaj Wines (Vintage 1959-2017) Using On-Line Solid Phase Extraction Coupled to Liquid Chromatography. <i>Toxins</i> , <b>2020</b> , 12,	4.9	5



19	Identification of prometon, deisopropylprometon, and hydroxyprometon in groundwater by high resolution liquid chromatography/mass spectrometry. <i>Science of the Total Environment</i> , <b>2014</b> , 497-498, 459-466	10.2	5
18	Separation of Vitamins Retinol Acetate, Ergocalciferol, or Cholecalciferol and Tocopherol Acetate Using Sequential Injection Chromatography. <i>Analytical Letters</i> , <b>2011</b> , 44, 446-456	2.2	5
17	Determination of bopindolol by sequential injection technique with spectrophotometric detection. <i>Il Farmaco</i> , <b>2003</b> , 58, 1057-62		5
16	Determination of rhodamine 123 by sequential injection technique for pharmacokinetic studies in the rat placenta. <i>Talanta</i> , <b>2002</b> , 58, 1145-1149	6.2	5
15	Two-column sequential injection chromatography for fast isocratic separation of two analytes of greatly differing chemical properties. <i>Talanta</i> , <b>2013</b> , 114, 311-7	6.2	4
14	New generation of sequential injection chromatography: Great enhancement of capabilities of separation using flow analysis. <i>Talanta</i> , <b>2019</b> , 204, 272-277	6.2	3
13	Poly-ε-caprolactone Nanofibrous Polymers: A Simple Alternative to Restricted Access Media for Extraction of Small Molecules from Biological Matrixes. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 6801-6805	7.8	3
12	Degradation study of nitroaromatic explosives 2-diazo-4,6-dinitrophenol and picramic acid using HPLC and UHPLC-ESI-MS/MS. <i>Analytical Methods</i> , <b>2014</b> , 6, 4761	3.2	3
11	Fast HPLC Method for Determination of Fenoxycarb and Permethrin in Antiparasitic Veterinary Shampoo Using Fused-Core Column. <i>Chromatographia</i> , <b>2013</b> , 76, 1559-1564	2.1	3
10	Dynamics of Phloridzin and Related Compounds in Four Cultivars of Apple Trees during the Vegetation Period. <i>Molecules</i> , <b>2021</b> , 26,	4.8	3
9	On-line polydopamine coating as a new way to functionalize polypropylene fiber sorbent for solid phase extraction. <i>Talanta</i> , <b>2020</b> , 219, 121189	6.2	1
8	A Comparative Study of Advanced Stationary Phases for Fast Liquid Chromatography Separation of Synthetic Food Colorants. <i>Molecules</i> , <b>2018</b> , 23,	4.8	1
7	The role of pKa, log P of analytes, and protein matrix in solid-phase extraction using native and coated nanofibrous and microfibrillar polymers prepared via meltblowing and combined meltblowing/electrospinning technologies. <i>Talanta</i> , <b>2021</b> , 232, 122470	6.2	1
6	Development of hybrid monoliths incorporating metal-organic frameworks for stir bar sorptive extraction coupled with liquid chromatography for determination of estrogen endocrine disruptors in water and human urine samples. <i>Mikrochimica Acta</i> , <b>2022</b> , 189, 92	5.8	0
5	New polyamide 6 nanofibrous sorbents produced via alternating current electrospinning for the on-line solid phase extraction of small molecules in chromatography systems. <i>Microchemical Journal</i> , <b>2022</b> , 174, 107084	4.8	0
4	Comparison study of nanofibers, composite nano/microfiber materials, molecularly imprinted polymers, and core-shell sorbents used for on-line extraction-liquid chromatography of ochratoxins in Tokaj wines. <i>Microchemical Journal</i> , <b>2021</b> , 170, 106680	4.8	0
3	Seasonal Variations in the Behavior of Alcohol Sulfates in Agricultural Soils: a Field Study. <i>Water, Air, and Soil Pollution</i> , <b>2017</b> , 228, 1	2.6	
2	A validated UHPLC method for the determination of caffeoylquinic and di-caffeoylquinic acids in green coffee extracts using an RP-Amide fused-core column. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 151, 291-300	3.5	

- 1 UHPLC coupled with charged aerosol detector for rapid separation of steviol glycosides in commercial sweeteners and extract of *Stevia rebaudiana*. *Journal of Pharmaceutical and Biomedical Analysis*, **2022**, 207, 114398 3.5