Sanka N Atapattu

List of Publications by Year
in descending order

37	914	471509 17	477307 29
papers	citations	h-index	g-index

37	37	37	394
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Determination of solute descriptors by chromatographic methods. Analytica Chimica Acta, 2009, 652, 32-53.	5.4	223
2	Determination of descriptors for semivolatile organosilicon compounds by gas chromatography and non-aqueous liquidâ€“liquid partition. Journal of Chromatography A, 2009, 1216, 7882-7888.	3.7	68
3	Solute descriptors for characterizing retention properties of open-tubular columns of different selectivity in gas chromatography at intermediate temperatures. Journal of Chromatography A, 2008, 1195, 136-145.	3.7	54
4	Solid phase analytical derivatization as a sample preparation method. Journal of Chromatography A, 2013, 1296, 204-213.	3.7	44
5	Pesticide analysis in cannabis products. Journal of Chromatography A, 2020, 1612, 460656.	3.7	37
6	Extension of the system constants database for open-tubular columns: System maps at low and intermediate temperatures for four new columns. Journal of Chromatography A, 2009, 1216, 1640-1649.	3.7	34
7	System Maps for RP-LC on an Octadecylsiloxane-Bonded Silica Stationary Phase (SunFire C18). Chromatographia, 2008, 68, 11-17.	1.3	30
8	Determination of Descriptors for Plasticizers by Chromatography and Liquidâ€“Liquid Partition. Chromatographia, 2012, 75, 1135-1146.	1.3	28
9	Selectivity evaluation of core-shell silica columns for reversed-phase liquid chromatography using the solvation parameter model. Journal of Chromatography A, 2020, 1634, 461692.	3.7	27
10	Determination of physicochemical properties of small molecules by reversed-phase liquid chromatography. Journal of Chromatography A, 2020, 1626, 461427.	3.7	27
11	Comparison of the Separation Characteristics of the Organicâ€“Inorganic Hybrid Stationary Phases XBridge C8 and Phenyl and XTerra Phenyl in RP-LC. Chromatographia, 2008, 68, 491-500.	1.3	25
12	Estimation of descriptors for hydrogen-bonding compounds from chromatographic and liquid-liquid partition measurements. Journal of Chromatography A, 2017, 1526, 13-22.	3.7	24
13	Comparison of the Separation Characteristics of the Organicâ€“Inorganic Hybrid Octadecyl Stationary Phases XTerra MS C18 and XBridge C18 and Shield RP18 in RPLC. Chromatographia, 2007, 66, 453-460.	1.3	23
14	Selectivity equivalence of two poly(methylphenylsiloxane) open-tubular columns prepared with different deactivation techniques for gas chromatography. Journal of Chromatography A, 2008, 1185, 305-309.	3.7	22
15	Recent advances in analytical methods for the determination of citrinin in food matrices. Journal of Chromatography A, 2020, 1627, 461399.	3.7	20
16	Determination of physicochemical properties of ionic liquids by gas chromatography. Journal of Chromatography A, 2021, 1644, 461964.	3.7	20
17	System maps for retention of small neutral compounds on a superficially porous particle column in reversed-phase liquid chromatography. Journal of Chromatography A, 2016, 1468, 250-256.	3.7	19
18	Factors Affecting the Interpretation of Selectivity on Synergi Reversed-Phase Columns. Chromatographia, 2010, 71, 185-193.	1.3	18

#	Article	IF	Citations
19	The hydrogen bond acidity and other descriptors for oximes. New Journal of Chemistry, 2009, 33, 76-81.	2.8	16
20	Solvation properties of acetone-water mobile phases in reversed-phase liquid chromatography. Journal of Chromatography A, 2021, 1650, 462252.	3.7	16
21	Models for the sorption of volatile organic compounds by diesel soot and atmospheric aerosols. Journal of Environmental Monitoring, 2009, 11, 815.	2.1	14
22	System Maps for Retention of Small Neutral Compounds on a Superficially Porous Ethyl-Bridged, Octadecylsiloxane-Bonded Silica Stationary Phase in Reversed-Phase Liquid Chromatography. Chromatographia, 2017, 80, 1279-1286.	1.3	13
23	Insights into the Retention Mechanism for Small Neutral Compounds on Silica-Based Phenyl Phases in Reversed-Phase Liquid Chromatography. Chromatographia, 2018, 81, 225-238.	1.3	13
24	Micro scale analytical derivatizations on solid phase. TrAC - Trends in Analytical Chemistry, 2019, 113, 351-356.	11.4	13
25	Solid phase analytical derivatization of anthropogenic and natural phenolic estrogen mimics with pentafluoropyridine for gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2011, 1218, 9135-9141.	3.7	12
26	Study of system properties in reversed-phase liquid chromatography for binary and ternary solvent mobile phase compositions using the solvation parameter model. Journal of Chromatography Open, 2022, 2, 100039.	2.2	12
27	Insights into the Retention Mechanism of Small Neutral Compounds on Octylsiloxane-Bonded and Diisobutyloctadecylsiloxane-Bonded Silica Stationary Phases in Reversed-Phase Liquid Chromatography. Chromatographia, 2018, 81, 373-385.	1.3	11
28	System maps for retention of small neutral compounds on a biphenylsiloxane-bonded silica stationary phase in reversed-phase liquid chromatography. Journal of Chromatography A, 2016, 1478, 68-74.	3.7	9
29	Analysis of the solvent strength parameter (linear solvent strength model) for isocratic separations in reversed-phase liquid chromatography. Journal of Chromatography A, 2022, 1675, 463153.	3.7	9
30	System Maps for the Retention of Neutral Compounds on an Electrostatic-Shielded Reversed-Phase Column. Chromatographia, 2019, 82, 799-808.	1.3	8
31	Retention properties of acetoneâ€water mobile phases on a biphenylsiloxaneâ€bonded silica stationary phase in reversedâ€phase liquid chromatography. Journal of Separation Science, 2022, 45, 1487-1492.	2.5	8
32	Analytical derivatizations in environmental analysis. Journal of Chromatography A, 2022, 1678, 463348.	3.7	8
33	Effect of Tetrabutylammonium Cation on Solid-Phase Analytical Derivatization as a Function of Analyte Lipophilicity. Chromatographia, 2012, 75, 47-54.	1.3	7
34	Solid Phase Analytical Derivatization. , 2018, , .		1
35	Solid-phase analytical derivatizations. , 2020, , 551-571.		1
36	Gas Chromatography | Physicochemical Measurements â˜†. , 2018, , .		0

#	Article	IF	Citations
37	80th Birthday of Professor Jack Rosenfeld. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2022, 1189, 123089.	2.3	0