

Sanka N Atapattu

List of Publications by Year in descending order

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37
papers

914
citations

471061

17
h-index

476904

29
g-index

37
all docs

37
docs citations

37
times ranked

394
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of solute descriptors by chromatographic methods. <i>Analytica Chimica Acta</i> , 2009, 652, 32-53.	2.6	223
2	Determination of descriptors for semivolatile organosilicon compounds by gas chromatography and non-aqueous liquid-liquid partition. <i>Journal of Chromatography A</i> , 2009, 1216, 7882-7888.	1.8	68
3	Solute descriptors for characterizing retention properties of open-tubular columns of different selectivity in gas chromatography at intermediate temperatures. <i>Journal of Chromatography A</i> , 2008, 1195, 136-145.	1.8	54
4	Solid phase analytical derivatization as a sample preparation method. <i>Journal of Chromatography A</i> , 2013, 1296, 204-213.	1.8	44
5	Pesticide analysis in cannabis products. <i>Journal of Chromatography A</i> , 2020, 1612, 460656.	1.8	37
6	Extension of the system constants database for open-tubular columns: System maps at low and intermediate temperatures for four new columns. <i>Journal of Chromatography A</i> , 2009, 1216, 1640-1649.	1.8	34
7	System Maps for RP-LC on an Octadecylsiloxane-Bonded Silica Stationary Phase (SunFire C18). <i>Chromatographia</i> , 2008, 68, 11-17.	0.7	30
8	Determination of Descriptors for Plasticizers by Chromatography and Liquid-Liquid Partition. <i>Chromatographia</i> , 2012, 75, 1135-1146.	0.7	28
9	Selectivity evaluation of core-shell silica columns for reversed-phase liquid chromatography using the solvation parameter model. <i>Journal of Chromatography A</i> , 2020, 1634, 461692.	1.8	27
10	Determination of physicochemical properties of small molecules by reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 2020, 1626, 461427.	1.8	27
11	Comparison of the Separation Characteristics of the Organic-Inorganic Hybrid Stationary Phases XBridge C8 and Phenyl and XTerra Phenyl in RP-LC. <i>Chromatographia</i> , 2008, 68, 491-500.	0.7	25
12	Estimation of descriptors for hydrogen-bonding compounds from chromatographic and liquid-liquid partition measurements. <i>Journal of Chromatography A</i> , 2017, 1526, 13-22.	1.8	24
13	Comparison of the Separation Characteristics of the Organic-Inorganic Hybrid Octadecyl Stationary Phases XTerra MS C18 and XBridge C18 and Shield RP18 in RPLC. <i>Chromatographia</i> , 2007, 66, 453-460.	0.7	23
14	Selectivity equivalence of two poly(methylphenylsiloxane) open-tubular columns prepared with different deactivation techniques for gas chromatography. <i>Journal of Chromatography A</i> , 2008, 1185, 305-309.	1.8	22
15	Recent advances in analytical methods for the determination of citrinin in food matrices. <i>Journal of Chromatography A</i> , 2020, 1627, 461399.	1.8	20
16	Determination of physicochemical properties of ionic liquids by gas chromatography. <i>Journal of Chromatography A</i> , 2021, 1644, 461964.	1.8	20
17	System maps for retention of small neutral compounds on a superficially porous particle column in reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 2016, 1468, 250-256.	1.8	19
18	Factors Affecting the Interpretation of Selectivity on Synergi Reversed-Phase Columns. <i>Chromatographia</i> , 2010, 71, 185-193.	0.7	18

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19	The hydrogen bond acidity and other descriptors for oximes. <i>New Journal of Chemistry</i> , 2009, 33, 76-81.	1.4	16
20	Solvation properties of acetone-water mobile phases in reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 2021, 1650, 462252.	1.8	16
21	Models for the sorption of volatile organic compounds by diesel soot and atmospheric aerosols. <i>Journal of Environmental Monitoring</i> , 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. <i>Chromatographia</i> , 2017, 80, 1279-1286.	0.7	13
23	Insights into the Retention Mechanism for Small Neutral Compounds on Silica-Based Phenyl Phases in Reversed-Phase Liquid Chromatography. <i>Chromatographia</i> , 2018, 81, 225-238.	0.7	13
24	Micro scale analytical derivatizations on solid phase. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 113, 351-356.	5.8	13
25	Solid phase analytical derivatization of anthropogenic and natural phenolic estrogen mimics with pentafluoropyridine for gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 9135-9141.	1.8	12
26	Study of system properties in reversed-phase liquid chromatography for binary and ternary solvent mobile phase compositions using the solvation parameter model. <i>Journal of Chromatography Open</i> , 2022, 2, 100039.	0.8	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. <i>Chromatographia</i> , 2018, 81, 373-385.	0.7	11
28	System maps for retention of small neutral compounds on a biphenylsiloxane-bonded silica stationary phase in reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 2016, 1478, 68-74.	1.8	9
29	Analysis of the solvent strength parameter (linear solvent strength model) for isocratic separations in reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 2022, 1675, 463153.	1.8	9
30	System Maps for the Retention of Neutral Compounds on an Electrostatic-Shielded Reversed-Phase Column. <i>Chromatographia</i> , 2019, 82, 799-808.	0.7	8
31	Retention properties of acetone-water mobile phases on a biphenylsiloxane-bonded silica stationary phase in reversed-phase liquid chromatography. <i>Journal of Separation Science</i> , 2022, 45, 1487-1492.	1.3	8
32	Analytical derivatizations in environmental analysis. <i>Journal of Chromatography A</i> , 2022, 1678, 463348.	1.8	8
33	Effect of Tetrabutylammonium Cation on Solid-Phase Analytical Derivatization as a Function of Analyte Lipophilicity. <i>Chromatographia</i> , 2012, 75, 47-54.	0.7	7
34	Solid Phase Analytical Derivatization. , 2018, , .		1
35	Solid-phase analytical derivatizations. , 2020, , 551-571.		1
36	Gas Chromatography Physicochemical Measurements - , 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.	1.2	0