Leonid D Asnin

List of Publications by Year
in descending order

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62	992	471509	477307
papers	citations	17	29
		h-index	g-index

63	63	63	996
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chiral separation of dipeptides on Cinchonaâ€based zwitterionic chiral stationary phases under bufferâ€free reversedâ€phase conditions. Chirality, 2022, 34, 1065-1077.	2.6	3
2	Elucidation of retention mechanism of dipeptides on a ristocetin A-based chiral stationary phase using a combination of chromatographic and molecular simulation techniques. Journal of Chromatography A, 2022, 1675, 463158.	3.7	1
3	Relationships of the Enantioselective Retention of Chiral Oxazolopyrroloquinolones on a Stationary Phase with Grafted Antibiotic Ristocetin A. Russian Journal of Physical Chemistry A, 2021, 95, 199-206.	0.6	1
4	Enantioselective adsorption dynamics of leucyl-leucine in a Chirobiotic R column. Journal of Chromatography A, 2021, 1635, 461771.	3.7	3
5	Unusual Difference in Enantioselectivity of Two Chiral Stationary Phases with Grafted Antibiotic Ristocetin A. Chromatographia, 2021, 84, 307-311.	1.3	5
6	Adsorption of Binary Solvents on Chiral Stationary Phases with Grafted Macrocyclic Antibiotics. Russian Journal of Physical Chemistry A, 2021, 95, 2304-2309.	0.6	1
7	Enantioselective retention mechanisms of dipeptides on antibiotic-based chiral stationary phases. II. Effect of the methanol content in the mobile phase. Journal of Chromatography A, 2020, 1626, 461371.	3.7	12
8	Unusual van Deemter plots of optical isomers on a chiral brush-type liquid chromatography column. Journal of Chromatography A, 2019, 1592, 112-121.	3.7	11
9	Enantioselective retention mechanisms of dipeptides on antibiotic-based chiral stationary phases: Leucyl-leucine, glycyl-leucine, and leucyl-glycine as case studies. Journal of Chromatography A, 2019, 1602, 368-377.	3.7	12
10	Enantioselective adsorption of dipeptides on chiral stationary phases with grafted macrocyclic antibiotics using glycylaspartic acid as an example. Russian Chemical Bulletin, 2019, 68, 2232-2240.	1.5	3
11	Van't Hoff analysis in chiral chromatography. Journal of Separation Science, 2018, 41, 1319-1337.	2.5	68
12	Chiral separation and modeling of quinolones on teicoplanin macrocyclic glycopeptide antibiotics <scp>CSP</scp>. Chirality, 2018, 30, 1304-1311.	2.6	20
13	Chiral separation of quinolones by liquid chromatography and capillary electrophoresis. Journal of Separation Science, 2017, 40, 2863-2882.	2.5	34
14	Reverse elution order of Î²-blockers in chiral separation. Journal of Liquid Chromatography and Related Technologies, 2017, 40, 435-441.	1.0	16
15	Chiral HPLC Separation and Modeling of Four Stereomers of DLâ€Leucineâ€DLâ€Tryptophan Dipeptide on Amylose Chiral Column. Chirality, 2016, 28, 642-648.	2.6	22
16	Peak measurement and calibration in chromatographic analysis. TrAC - Trends in Analytical Chemistry, 2016, 81, 51-62.	11.4	16
17	Advances in Nanocarriers for Anticancer Drugs Delivery. Current Medicinal Chemistry, 2016, 23, 2159-2187.	2.4	56
18	Validated chiral high performance liquid chromatography separation method and simulation studies of dipeptides on amylose chiral column. Journal of Chromatography A, 2015, 1406, 201-209.	3.7	19

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19	Stereoselective interactions of chiral dipeptides on amylose based chiral stationary phases. Science China Chemistry, 2015, 58, 519-525.	8.2	11
20	Phytochemical composition of onion during long-term storage. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2015, 65, 150-160.	0.6	5
21	Extraction of Antioxidants from Aloe vera Leaf Gel: a Response Surface Methodology Study. Food Analytical Methods, 2014, 7, 1804-1815.	2.6	9
22	Effect of competing binding modes on retention in chromatography and capillary electrophoresis. A theoretical consideration. Journal of Separation Science, 2014, 37, 390-392.	2.5	3
23	Adsorption of aqueous organic mixtures on a chiral stationary phase with bound antibiotic eremomycin. Journal of Chromatography A, 2014, 1363, 71-78.	3.7	16
24	Advances in chiral separations of small peptides by capillary electrophoresis and chromatography. Journal of Separation Science, 2014, 37, 2447-2466.	2.5	121
25	Ultrasoundâ€assisted extraction of quercetin from onion solid wastes. International Journal of Food Science and Technology, 2013, 48, 246-252.	2.7	51
26	Drug synthesis methods and manufacturing technology preparative chromatographic separation of ibuprofen enantiomers on Whelk-O1 chiral stationary phase. Pharmaceutical Chemistry Journal, 2012, 46, 568-572.	0.8	1
27	Adsorption models in chiral chromatography. Journal of Chromatography A, 2012, 1269, 3-25.	3.7	45
28	Effect of the ionic composition of a mobile phase on the chromatographic retention of profen enantiomers on a chiral adsorbent with grafted eremomycin antibiotic. Russian Journal of Physical Chemistry A, 2011, 85, 1434-1439.	0.6	14
29	Adsorption of hexane, cyclohexane, and benzene on microporous carbon obtained by pyrolysis of hypercrosslinked polystyrene. Russian Journal of Physical Chemistry A, 2011, 85, 1629-1634.	0.6	6
30	Transgenic potato overproducing l-ascorbic acid resisted an increase in methylglyoxal under salinity stress via maintaining higher reduced glutathione level and glyoxalase enzyme activity. Biotechnology Letters, 2011, 33, 2297-2307.	2.2	95
31	A study of mass transfer kinetics of alanyl-alanine on a chiral crown ether stationary phase. Journal of Chromatography A, 2011, 1218, 5263-5272.	3.7	10
32	Chromatographic retention and thermodynamics of adsorption of dipeptides on a chiral crown ether stationary phase. Journal of Separation Science, 2011, 34, 3136-3144.	2.5	9
33	The adsorption of Naproxen enantiomers on the chiral stationary phase Whelk-O1 under reversed-phase conditions: The effect of buffer composition. Journal of Chromatography A, 2010, 1217, 7055-7064.	3.7	19
34	On the enantioselectivity of the mass transfer kinetics and the adsorption equilibrium of Naproxen on the chiral stationary phase ()-Whelk-O1 under reversed-phase conditions. Journal of Chromatography A, 2010, 1217, 1320-1331.	3.7	22
35	Features of the adsorption of Naproxen on the chiral stationary phase (S,S)-Whelk-O1 under reversed-phase conditions. Journal of Chromatography A, 2010, 1217, 264-275.	3.7	24
36	Retention of Naproxen enantiomers on the chiral stationary phase Whelk-O1 under reversed-phase conditions. A reconsideration of the adsorption mechanism in the light of new experimental data. Journal of Chromatography A, 2010, 1217, 1709-1711.	3.7	13

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37	The adsorption of Naproxen enantiomers on the chiral stationary phase ()-Whelk-O1 under reversed-phase conditions: The effect of mobile phase composition. Journal of Chromatography A, 2010, 1217, 2871-2878.	3.7	18
38	Adsorption of naproxen enantiomers from solutions on chemically modified cellulose. The effect of a polar component of a liquid phase. Russian Chemical Bulletin, 2009, 58, 1731-1735.	1.5	6
39	Vapor-phase adsorption of a mixture of benzene and chlorobenzene on the carbon adsorbent obtained by pyrolysis of hypercrosslinked polystyrene. Russian Chemical Bulletin, 2009, 58, 2217-2221.	1.5	1
40	The chromatographic behavior and thermodynamic characteristics of adsorption of profen enantiomers on silica gel with grafted eremomycin antibiotic. Russian Journal of Physical Chemistry A, 2009, 83, 547-551.	0.6	18
41	The thermodynamics of benzene adsorption on carbon obtained by the pyrolysis of hypercrosslinked polystyrene. Russian Journal of Physical Chemistry A, 2009, 83, 1204-1207.	0.6	3
42	Description of the dynamics of vapor adsorption in a fixed bed of an adsorbent using various approximations of the mixed-diffusion model. Theoretical Foundations of Chemical Engineering, 2009, 43, 260-267.	0.7	1
43	Micro-Preparative Chromatographic Separation of Naproxen Enantiomers. Pharmaceutical Chemistry Journal, 2008, 42, 435-437.	0.8	3
44	Adsorption of chlorobenzene vapor on V2O5/Al2O3 catalyst underÂdynamic conditions. Adsorption, 2008, 14, 771-779.	3.0	1
45	The adsorption of chlorobenzene on a carbon adsorbent obtained by the pyrolysis of hypercrosslinked polystyrene. Russian Journal of Physical Chemistry A, 2008, 82, 2313-2317.	0.6	6
46	Features of the adsorption of naproxen enantiomers on weak chiral anion-exchangers in nonlinear chromatography. Journal of Chromatography A, 2008, 1192, 62-73.	3.7	15
47	Empirical development of a binary adsorption isotherm based on the single-component isotherms in the framework of a two-site model. Journal of Chromatography A, 2007, 1138, 158-168.	3.7	20
48	Adsorption of chlorobenzene on V2O5/Al2O3 catalyst under dynamic conditions. Russian Journal of Applied Chemistry, 2007, 80, 263-267.	0.5	0
49	Adsorption of naproxen enantiomers on chemically modified cellulose. Russian Chemical Bulletin, 2007, 56, 2384-2388.	1.5	1
50	Adsorption of the enantiomers of 3-chloro-1-phenyl-propanol on silica-bonded chiral quinidine carbamate. Journal of Chromatography A, 2006, 1101, 158-170.	3.7	18
51	Investigation of the Complexation Between Quinidine Carbamate and the Enantiomers of 3â€Chloroâ€1â€phenylâ€propanol by Circular Dichroism and UV Spectroscopy. Journal of Liquid Chromatography and Related Technologies, 2006, 29, 1385-1391.	1.0	1
52	Calibration of a detector for nonlinear chromatography. Journal of Chromatography A, 2005, 1076, 141-147.	3.7	9
53	Calibration of a detector for nonlinear responses. Journal of Chromatography A, 2005, 1089, 105-110.	3.7	13
54	Calibration of detector responses using the shape and size of band profiles. Journal of Chromatography A, 2005, 1089, 101-104.	3.7	9

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55	Chromatographic separation of phenylpropanol enantiomers on a quinidine carbamate-type chiral stationary phase. Journal of Chromatography A, 2005, 1091, 11-20.	3.7	10
56	Chromatographic behavior of the enantiomers of 2,2,2-trifluoro-1-(9-anthryl)ethanol on a quinidine-carbamate chiral stationary phase. Journal of Chromatography A, 2005, 1091, 183-186.	3.7	10
57	Adsorption of the enantiomers of 2,2,2-trifluoro-1-(9-anthryl)-ethanol on silica-bonded chiral quinidine-carbamate. Journal of Chromatography A, 2004, 1059, 43-52.	3.7	29
58	Adsorption of benzene on the V2O5/Î³-Al2O3 catalyst. Russian Chemical Bulletin, 2003, 52, 889-892.	1.5	1
59	Adsorption of Chlorobenzene on Î³-Al2O3 Obtained by Calcination of Boehmite at Various Temperatures. Russian Journal of Applied Chemistry, 2003, 76, 719-722.	0.5	3
60	Calculation of the sticking coefficient in the case of the linear adsorption isotherm. Russian Chemical Bulletin, 2003, 52, 2747-2749.	1.5	7
61	Thermodynamic parameters of adsorption described by the logarithmic Temkin isotherm. Russian Chemical Bulletin, 2001, 50, 217-219.	1.5	8
62	Adsorption of chlorobenzene and benzene on Î³-Al2O3/atl>. Russian Chemical Bulletin, 2001, 50, 68-72.	1.5	4