Darshan C Patel

List of Publications by Year
in descending order

13	714	840776 11	1125743 13
papers	citations	h-index	g-index

14	14	14	691
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparison of reversed-phase, anion-exchange, and hydrophilic interaction HPLC for the analysis of nucleotides involved in biological enzymatic pathways. Journal of Liquid Chromatography and Related Technologies, 2019, 42, 184-193.	1.0	7
2	The utility of statistical moments in chromatography using trapezoidal and Simpson's rules of peak integration. Journal of Separation Science, 2019, 42, 1644-1657.	2.5	21
3	Separations at the Speed of Sensors. Analytical Chemistry, 2018, 90, 3349-3356.	6.5	49
4	Unattended reaction monitoring using an automated microfluidic sampler and on-line liquid chromatography. Analytica Chimica Acta, 2018, 1004, 32-39.	5.4	11
5	Quinine bonded to superficially porous particles for high-efficiency and ultrafast liquid and supercritical fluid chromatography. Analytica Chimica Acta, 2017, 963, 164-174.	5.4	58
6	Total peak shape analysis: detection and quantitation of concurrent fronting, tailing, and their effect on asymmetry measurements. Journal of Chromatography A, 2017, 1509, 163-170.	3.7	22
7	Thermal racemization of biaryl atropisomers. Tetrahedron: Asymmetry, 2017, 28, 1557-1561.	1.8	30
8	Fundamental and Practical Insights on the Packing of Modern High-Efficiency Analytical and Capillary Columns. Analytical Chemistry, 2017, 89, 8177-8191.	6.5	72
9	Advances in high-throughput and high-efficiency chiral liquid chromatographic separations. Journal of Chromatography A, 2016, 1467, 2-18.	3.7	153
10	Salient Sub-Second Separations. Analytical Chemistry, 2016, 88, 8821-8826.	6.5	82
11	Gram Scale Conversion of R-BINAM to R-NOBIN. Journal of Organic Chemistry, 2016, 81, 1295-1299.	3.2	31
12	Gone in Seconds: Praxis, Performance, and Peculiarities of Ultrafast Chiral Liquid Chromatography with Superficially Porous Particles. Analytical Chemistry, 2015, 87, 9137-9148.	6.5	140
13	Enantiomeric separation of biaryl atropisomers using cyclofructan based chiral stationary phases. Journal of Chromatography A, 2014, 1357, 172-181.	3.7	38