

# Victor David

## List of Publications by Year in descending order

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49  
papers

489  
citations

759233

12  
h-index

752698

20  
g-index

49  
all docs

49  
docs citations

49  
times ranked

403  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deviation from van't Hoff dependence in RP $\epsilon$ LC induced by tautomeric interconversion observed for four compounds. Journal of Separation Science, 2011, 34, 1423-1428.	2.5	53
2	Estimation of the phase ratio in reversed-phase high-performance liquid chromatography. Journal of Chromatography A, 2015, 1381, 194-201.	3.7	34
3	Sample preparation for large $\epsilon$ scale bioanalytical studies based on liquid chromatographic techniques. Biomedical Chromatography, 2018, 32, e4137.	1.7	34
4	Retention Phenomena Induced by Large Volume Injection of Solvents Non $\epsilon$ Miscible with the Mobile Phase in Reversed $\epsilon$ Phase Liquid Chromatography. Journal of Liquid Chromatography and Related Technologies, 2007, 30, 199-213.	1.0	24
5	Derivatization procedures and their analytical performances for HPLC determination in bioanalysis. Biomedical Chromatography, 2021, 35, e5008.	1.7	24
6	Retention Behavior of Metformin and Related Impurities in Ion $\epsilon$ Pairing Liquid Chromatography. Journal of Liquid Chromatography and Related Technologies, 2005, 28, 81-95.	1.0	23
7	Evaluation of the phase ratio for three C18 high performance liquid chromatographic columns. Journal of Chromatography A, 2016, 1435, 85-91.	3.7	21
8	Sources of Nonlinear van $\epsilon$ <sup>TM</sup> t Hoff Temperature Dependence in High-Performance Liquid Chromatography. ACS Omega, 2019, 4, 19808-19817.	3.5	21
9	Dependence of the distribution constant in liquid-liquid partition equilibria on the van der Waals molecular surface area. Journal of Separation Science, 2013, 36, 2963-2978.	2.5	17
10	Structure $\epsilon$ Retention Correlation in Liquid Chromatography for Pharmaceutical Applications. Journal of Liquid Chromatography and Related Technologies, 2007, 30, 761-789.	1.0	16
11	Structure $\epsilon$ Retention Correlation of Some Oxicam Drugs in Reversed $\epsilon$ Phase Liquid Chromatography. Journal of Liquid Chromatography and Related Technologies, 2004, 27, 965-984.	1.0	14
12	HANDLING DRAWBACKS OF MASS SPECTROMETRIC DETECTION COUPLED TO LIQUID CHROMATOGRAPHY IN BIOANALYSIS. Journal of Liquid Chromatography and Related Technologies, 2010, 33, 1255-1286.	1.0	13
13	Effects of large volume injection of aliphatic alcohols as sample diluents on the retention of low hydrophobic solutes in reversed-phase liquid chromatography. Journal of Chromatography A, 2014, 1323, 115-122.	3.7	13
14	Hydrophobicity Parameter (log K <sub>ow</sub> ) Estimation for Some Phenolic Compounds of Pharmaceutical Interest from Retention Studies with Mobile Phase Composition in Reversed $\epsilon$ Phase Liquid Chromatography. Separation Science and Technology, 2008, 43, 147-163.	2.5	12
15	Retention Behavior of Some Compounds Containing Polar Functional Groups on Perfluorophenyl Silica-Based Stationary Phase. Chromatographia, 2014, 77, 543-552.	1.3	12
16	LARGE VOLUME INJECTION OF HEXANE SOLUTIONS IN RPLC/UV TO ENHANCE ON SENSITIVITY OF THE ASSAY OF GINKGOLIC ACIDS IN GINKGO BILOBA STANDARDIZED EXTRACTS. Journal of Liquid Chromatography and Related Technologies, 2009, 33, 133-149.	1.0	10
17	Competitional hydrophobicity driven separations under RP $\epsilon$ LC mechanism: Application to sulfonylurea congeners. Journal of Separation Science, 2009, 32, 3099-3106.	2.5	10
18	On-Line SPE on Restricted Access Adsorbent for HPLC-MS/MS Analysis of Felodipine in Plasma Samples. Analytical Letters, 2010, 43, 1330-1343.	1.8	10

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19	Novel voltammetric investigation of dipyrindamole at a disposable pencil graphite electrode. Turkish Journal of Chemistry, 2019, 43, 1109-1122.	1.2	10
20	Prediction of pesticides chromatographic lipophilicity from the computational molecular descriptors. Journal of Separation Science, 2011, 34, 247-254.	2.5	8
21	Alternative sample diluents in bioanalytical LC-MS. Bioanalysis, 2013, 5, 3051-3061.	1.5	8
22	Does phase ratio in reversed phase high performance liquid chromatography vary with temperature?. Journal of Chromatography A, 2020, 1620, 461023.	3.7	8
23	Unusual Retention Behavior of Some Cationic-Type Aldoximes Used as AChE Reactivators Under Ion-Pairing Liquid Chromatographic Mechanism. Analytical Letters, 2010, 43, 1267-1276.	1.8	7
24	PARTITION VERSUS ELECTROSTATIC MODEL APPLIED TO THE ION-PAIRING RETENTION PROCESS OF SOME GUANIDINE BASED COMPOUNDS. Journal of Liquid Chromatography and Related Technologies, 2012, 35, 2042-2053.	1.0	7
25	Unusual Temperature-Retention Dependences Observed for Several Benzodiazepines in RP-HPLC Using Different Mobile Phase Compositions. Chromatographia, 2013, 76, 1623-1630.	1.3	7
26	Sample Enrichment by Solid-Phase Extraction for Reaching Parts per Quadrillion Levels in Environmental Analysis. Chromatographia, 2019, 82, 1139-1150.	1.3	7
27	Discontinuous double mechanism for the retention of some cation-type oximes on a hydrophilic stationary phase in liquid chromatography. Analytical Methods, 2011, 3, 241-244.	2.7	6
28	A comparison of chiral separations by supercritical fluid chromatography and high-performance liquid chromatography. Journal of Liquid Chromatography and Related Technologies, 0, , 1-14.	1.0	6
29	Use of an immiscible diluent in ionic liquid / ion pair LC for the assay of an injectable analgesic. Open Chemistry, 2012, 10, 1360-1368.	1.9	5
30	Synthesis and retention properties of molecularly imprinted polymers for antibiotics containing a 5-nitrofurane ring. RSC Advances, 2017, 7, 50844-50852.	3.6	5
31	Considerations on MS/MS Detection of Bromazepam after Liquid Chromatographic Separation from Plasma Samples: Application to a Bioequivalence Study. Journal of Liquid Chromatography and Related Technologies, 2007, 30, 2699-2715.	1.0	4
32	HPLC/DAD Assay of Related Impurity Ethyl-4-oxopiperidine-1-carboxylate in Loratadine Through Derivatization with 2,4-Dinitrophenylhydrazine. Journal of Liquid Chromatography and Related Technologies, 2009, 32, 2569-2583.	1.0	4
33	THE LIPOPHILICITY OF SOME HAZARDOUS SUBSTANCES ESTIMATED BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHY AND COMPUTED BY VARIOUS METHODS. Journal of Liquid Chromatography and Related Technologies, 2011, 34, 289-306.	1.0	4
34	Dependence of reversed-phase liquid chromatographic retention for aripiprazole and some related chemical impurities on the main elution parameters. Journal of Liquid Chromatography and Related Technologies, 2016, 39, 70-76.	1.0	4
35	Phase Ratio and Equilibrium Constant in RP-HPLC Obtained from Octanol/Water Partition Constant Through Solvophobic Theory. Chromatographia, 2017, 80, 1491-1500.	1.3	4
36	THE INFLUENCE OF MOBILE-PHASE FLOW-RATE IN RP-LC ON THERMODYNAMIC PARAMETERS STUDIED FOR POLAR COMPOUNDS. Journal of Liquid Chromatography and Related Technologies, 2011, 34, 521-536.	1.0	3

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37	Structural modifications of dicationic acetylcholinesterase reactivators studied under ion-pairing mechanism in reversed-phase liquid chromatography. Journal of Separation Science, 2014, 37, 3024-3032.	2.5	3
38	Results from solvophobic theory applied to methylene selectivity in reversed-phase HPLC. Journal of Liquid Chromatography and Related Technologies, 2018, 41, 24-32.	1.0	3
39	Variability of temperature dependences of the retention of strongly polar compounds under ZIC-HILIC liquid chromatographic mechanism. Separation Science Plus, 2019, 2, 12-17.	0.6	3
40	Variation with temperature of octanol/water partition coefficient for the homologous series from benzene to propylbenzene. Separation Science Plus, 2019, 2, 457-464.	0.6	3
41	Variation with Temperature of Phase Ratio in Reversed Phase HPLC for a Methanol/Water Mobile Phase. Chromatographia, 2021, 84, 581-587.	1.3	3
42	The role of sample preparation. , 2021, , 51-77.		2
43	Conditional/non-conditional probabilities and information entropies assigned to high-performance liquid chromatography with diode array and fluorescence detection. Journal of Chemometrics, 2005, 19, 16-22.	1.3	1
44	PARABENS LIPOPHILICITY DETERMINATION WITH MOBILE PHASES CONTAINING LOW AND MEDIUM HYDROPHOBIC ALCOHOLS. Journal of Liquid Chromatography and Related Technologies, 2014, 37, 2287-2301.	1.0	1
45	Spectrometric and Voltammetric Characterization of Obidoxime in Aqueous Solutions. Analytical Letters, 2018, 51, 2660-2672.	1.8	1
46	Spectrofluorimetric Analyses of Ciprofloxacin and Norfloxacin. Proceedings (mdpi), 2019, 29, .	0.2	1
47	QUANTITATIVE CORRELATIONS BETWEEN REVERSED-PHASE LC DATA AND MOLECULAR PARAMETERS FOR SOME WEAKLY RELATED PESTICIDES. Journal of Liquid Chromatography and Related Technologies, 2010, 33, 1529-1541.	1.0	0
48	The Temperature Effect on the Retention of Sildenafil under Reversed-Phase Liquid Chromatography. Proceedings (mdpi), 2019, 29, 20.	0.2	0
49	Hydrophilic interaction liquid chromatography. , 2022, , 447-477.		0