

LISTĂ LUCRĂRI - ANDREI MEDVEDOVICI - Prof. Dr. Facultatea de Chimie - Universitatea din București

#	An publicare	Revista	Factor impact	Autori	Titlu	Volum	Numar	Pagina start	Pagina sfarsit	Citari	DOI	Tip document
1	2016	New Journal of Chemistry	3,090	Ioniță G., Mădălan A.M., Ariciu A.M., Medvedovici A, Ioniță P.	Synthesis of novel TEMPO stable free (poly)radical derivatives and their host-guest interaction with cucurbit[6]uril	40	1	503	511	0	10.1039/c5nj01518a	Articol
2	2015	Expert Opinion on Drug Metabolism and Toxicology	2.934	Voicu, V., Radulescu, F.S., Medvedovici, A.	Relationships between the antidotal efficacy and structure, PK/PD parameters and bio-relevant molecular descriptors of AChE reactivating oximes: Inclusion and integration to biopharmaceutical classification systems	11	1	95	109	0	10.1517/17425255.2015.980813	Review
3	2015	Journal of Chromatographic Sciences	1,363	Micăle F., Albu F., Iorgulescu E.E, Medvedovici A., Tache F.	Ethyl lactate as a greener alternative to acetonitrile in RPLC: An experimental appraisal	53	10	1701	1707	0	10.1093/chromsci/bmv077	Articol
4	2015	Analytical Methods	1.938	Lazăr, P., Udrescu, S., Tache, F., Albu, F., Grinberg, N., Medvedovici, A.	Revisiting large volume injection in non-miscible diluents: An on-line reversed phase supported liquid extraction/liquid chromatography scenario	7	1	342	352	0	10.1039/c4ay02332c	Articol
5	2014	Talanta	3.511	Voicu, V., Sârbu, C., Tache, F., Micăle, F., Rădulescu, Ș.F., Sakurada, K., Ohta, H., Medvedovici, A.	Lipophilicity indices derived from the liquid chromatographic behavior observed under bimodal retention conditions (reversed phase/hydrophilic interaction): Application to a representative set of pyridinium oximes	122		172	179	2	10.1016/j.talanta.2014.01.048	Articol
6	2014	Talanta	3.511	Medvedovici, A., Albu, F., Nașcu-Briciu, R.D., Sârbu, C.	Fuzzy clustering evaluation of the discrimination power of UV-Vis and (±) ESI-MS detection system in individual or coupled RPLC for characterization of Ginkgo Biloba standardized extracts	119		524	532	1	10.1016/j.talanta.2013.11.035	Articol
7	2013	Bioanalysis	3.027	David, V., Cheregi, M., Medvedovici, A.	Alternative sample diluents in bioanalytical LC-MS	5	24	3051	3061	1	10.4155/bio.13.275	Review
8	2013	Expert Opinion on Drug Metabolism and Toxicology	2.934	Voicu, V., Medvedovici, A., Ranetti, A.E., Rădulescu, F.Ș.	Drug-induced hypo- and hyperprolactinemia: Mechanisms, clinical and therapeutic consequences	9	8	955	968	4	10.1517/17425255.2013.791283	Review

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9	2013	Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences	2.694	Cheregi, M., Albu, F., Udrescu, Ș., Răducanu, N., Medvedovici, A.	Greener bioanalytical approach for LC/MS-MS assay of enalapril and enalaprilat in human plasma with total replacement of acetonitrile throughout all analytical stages	927		124	132	4	10.1016/j.jchromb.2012.11.023	Articol
10	2013	Plasma Processes and Polymers	3.730	Magureanu, M., Dobrin, D., Mandache, N.B., Bradu, C., Medvedovici, A., Parvulescu, V.I.	The mechanism of plasma destruction of enalapril and related metabolites in water	10	5	459	468	2	10.1002/ppap.201200146	Articol
11	2013	Bioanalysis	3.027	Voicu, V., Albu, F., Tache, F., Musilek, K., Kuca, K., Medvedovici, A.	LC-MS/MS approaches for the assay of bis -quaternary pyridinium oximes used as AChE reactivators in biological matrices	5	7	793	809	1	10.4155/bio.13.41	Articol
12	2013	Journal of Pharmaceutical and Biomedical Analysis	2.829	Tache, F., Udrescu, S., Albu, F., Micăle, F., Medvedovici, A.	Greening pharmaceutical applications of liquid chromatography through using propylene carbonate-ethanol mixtures instead of acetonitrile as organic modifier in the mobile phases	75		230	238	4	10.1016/j.jpba.2012.11.045	Articol
13	2013	Journal of Pharmaceutical and Biomedical Analysis	2.829	Grinberg, N., Albu, F., Fandrick, K., Iorgulescu, E., Medvedovici, A.	Assay at low ppm level of dimethyl sulfate in starting materials for API synthesis using derivatization in ionic liquid media and LC-MS	75		1	6	4	10.1016/j.jpba.2012.11.016	Articol
14	2013	Biomedical Chromatography	1.662	Medvedovici, A., Udrescu, S., David, V.	Use of a green (bio) solvent - limonene - as extractant and immiscible diluent for large volume injection in the RPLC-tandem MS assay of statins and related metabolites in human plasma	27	1	48	57	6	10.1002/bmc.2747	Articol
15	2013	Expert Opinion on Drug Metabolism and Toxicology	2.934	Voicu, V., Rădulescu, F.Ș., Medvedovici, A.	Toxicological considerations of acetylcholinesterase reactivators	9	1	31	50	5	10.1517/17425255.2013.736489	Review

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16	2012	Catalysis Today	3.309	Finch, K.B.H., Richards, R.M., Richel, A., Medvedovici, A.V., Gheorghe, N.G., Verziu, M., Coman, S.M., Parvulescu, V.I.	Catalytic hydroprocessing of lignin under thermal and ultrasound conditions	196	1	3	10	7	10.1016/j.cattod.2012.02.051	Lucrare conferinta
17	2012	Romanian Reports in Physics	1.137	Petroviciu, I., Medvedovici, A., Albu, F., CREȚU, I., Vanden Berghe, I.	LC-MS as analytical technique for the identification of natural dyes in historic textiles	64	2	507	515	1		Articol
18	2012	Central European Journal of Chemistry	1.329	Galaon, T., Radulescu, M., David, V., Medvedovici, A.	Use of an immiscible diluent in ionic liquid / ion pair LC for the assay of an injectable analgesic	10	4	1360	1368	4	10.2478/s11532-012-0059-5	Articol
19	2012	European Neuropsychopharmacology	5.395	Voicu, V.A., de Leon, J., Medvedovici, A.V., Rădulescu, F.T., Miron, D.S.	New insights on the consequences of biotransformation processes on the distribution and pharmacodynamic profiles of some neuropsychotropic drugs	22	5	319	329	4	10.1016/j.euroneuro.2011.08.004	Review
20	2012	Biomedical Chromatography	1.662	Georgiță, C., Albu, F., David, V., Medvedovici, A., Monciu, C.M.	Linearization of the MS response function: Case study for metformin assay in plasma samples for bioequivalence purposes	26	2	208	213		10.1002/bmc.1647	Articol
21	2012	Journal of Pharmaceutical and Biomedical Analysis	2.829	Tache, F., Nașcu-Briciu, R.D., Sârbu, C., Micăle, F., Medvedovici, A.	Estimation of the lipophilic character of flavonoids from the retention behavior in reversed phase liquid chromatography on different stationary phases: A comparative study	57	1	82	93	7	10.1016/j.jpba.2011.08.044	Articol
22	2012	Journal of Cultural Heritage	1.111	Petroviciu, I., Vanden Berghe, I., Cretu, I., Albu, F., Medvedovici, A.	Identification of natural dyes in historical textiles from Romanian collections by LC-DAD and LC-MS (single stage and tandem MS)	13	1	89	97	5	10.1016/j.culher.2011.05.004	Articol
23	2011	Journal of Inclusion Phenomena and Macrocyclic Chemistry	1.426	Medvedovici, A., Albu, F., Hamdi, A., Souane, R., Kim, L., Mutihac, L., Vicens, J.	Mass spectrometric behavior of functionalized calix[4]arenes: The screening ability of host-guest complex formation with amino acid methyl esters	71		545	555	1	10.1007/s10847-010-9860-y	Articol

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24	2011	Bioanalysis	3.027	Medvedovici, A., Udrescu, S., Albu, F., Tache, F., David, V.	Large-volume injection of sample diluents not miscible with the mobile phase as an alternative approach in sample preparation for bioanalysis: An application for fenspiride bioequivalence	3	17	1935	1947	10	10.4155/bio.11.148	Articol
25	2011	Biomedical Chromatography	1.662	Radulescu, M., Voicu, V., Medvedovici, A., David, V.	Retention study of some cation-type compounds using bile acid sodium salts as ion pairing agents in liquid chromatography	25	8	873	878	5	10.1002/bmc.1531	Articol
26	2011	Bioanalysis	3.027	Voicu, V., Gheorghe, M.C., Sora, I.D., Sârbu, C., Medvedovici, A.	Incurred sample reanalysis: Different evaluation approaches on data obtained for spironolactone and its active metabolite canrenone	3	12	1343	1356	5	10.4155/bio.11.83	Articol
27	2011	Water Research	5.323	Magureanu, M., Piroi, D., Mandache, N.B., David, V., Medvedovici, A., Bradu, C., Parvulescu, V.I.	Degradation of antibiotics in water by non-thermal plasma treatment	45	11	3407	3416	31	10.1016/j.watres.2011.03.057	Articol
28	2011	Journal of Pharmaceutical and Biomedical Analysis	2.829	Udrescu, S., Sora, I.D., Albu, F., David, V., Medvedovici, A.	Large volume injection of 1-octanol as sample diluent in reversed phase liquid chromatography: Application in bioanalysis for assaying of indapamide in whole blood	54	5	1163	1172	15	10.1016/j.jpba.2010.12.005	Articol
29	2011	Analytical Methods	1.938	Medvedovici, A., Sora, I.D., Radulescu, M., David, V.	Discontinuous double mechanism for the retention of some cation-type oximes on a hydrophilic stationary phase in liquid chromatography	3	2	241	244	2	10.1039/c0ay00609b	Articol
30	2011	Revue Roumaine de Chimie	0.393	Petroviciu, I., Creangă, D., Melinte, I., Crețu, I., Medvedovici, A., Albu, F.	The use of LC-MS in the identification of natural dyes in the epitaphios from Sucevița Monastery (15th century)	56	2	161	168	1		Articol

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31	2011	Journal of Liquid Chromatography and Related Technologies	0.638	Galaon, T., Mihailciuc, C., Medvedovici, A., David, V.	The influence of mobile-phase flow-rate in RP-LC on thermodynamic parameters studied for polar compounds	34	7	521	536	3	10.1080/10826076.2011.556974	Articol
32	2010	Journal of Applied Toxicology	3.174	Voicu, V.A., Bajgar, J., Medvedovici, A., Radulescu, F.S., Miron, D.S.	Pharmacokinetics and pharmacodynamics of some oximes and associated therapeutic consequences: A critical review	30	8	719	729	16	10.1002/jat.1561	Review
33	2010	Journal of Pharmaceutical and Biomedical Analysis	2.829	Sora, D.I., Udrescu, T., Albu, F., David, V., Medvedovici, A.	Analytical issues in HPLC/MS/MS simultaneous assay of furosemide, spironolactone and canrenone in human plasma samples	52	5	734	740	7	10.1016/j.jpba.2010.03.004	Articol
34	2010	Journal of Pharmaceutical and Biomedical Analysis	2.829	Voicu, V., Sora, I., Sârbu, C., David, V., Medvedovici, A.	Hydrophobicity/hydrophilicity descriptors obtained from extrapolated chromatographic retention data as modeling tools for biological distribution: Application to some oxime-type acetylcholinesterase reactivators	52	4	508	516	19	10.1016/j.jpba.2010.02.004	Articol
35	2010	Journal of Liquid Chromatography and Related Technologies	0.638	Medvedovici, A., Albu, F., David, V.	Handling drawbacks of mass spectrometric detection coupled to liquid chromatography in bioanalysis	33		1255	1286	7	10.1080/10826076.2010.484375	Articol
36	2010	Microchemical Journal	3.583	Petroviciu, I., Albu, F., Medvedovici, A.	LC/MS and LC/MS/MS based protocol for identification of dyes in historic textiles	95	2	247	254	17	10.1016/j.microc.2009.12.009	Articol
37	2010	Biomedical Chromatography	1.662	Sora, D.I., Cristea, E., Albu, F., David, V., Medvedovici, A.	Bioanalysis of pentoxifylline and related metabolites in plasma samples through LC-MS/MS	24	6	663	674	3	10.1002/bmc.1343	Articol
38	2010	Water Research	5.323	Magureanu, M., Piroi, D., Mandache, N.B., David, V., Medvedovici, A., Parvulescu, V.I.	Degradation of pharmaceutical compound pentoxifylline in water by non-thermal plasma treatment	44	11	3445	3453	55	10.1016/j.watres.2010.03.020	Articol

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39	2010	Revue Roumaine de Chimie	0.393	Vîrgolici, M., Petroviciu, I., Teodor, E., Lişescu, S., Manea, M., Ponta, C., Niculescu, G., Sârbu, C., Medvedovici, A.	TD/CGC/MS and FT-IR characterization of archaeological amber artefacts from roumanian collections (Roman age)	55	5	349	355	5		Articol
40	2010	Analytical Letters	0.982	Albu, F., Sora, I., Tache, F., David, V., Medvedovici, A.	On-line SPE on restricted access adsorbent for HPLC-MS/MS analysis of felodipine in plasma samples	43	7	1330	1343	2	10.1080/00032710903518740	Articol
41	2010	Analytical Letters	0.982	Albu, M., Medvedovici, A., Tache, F.	HPLC/DAD assay of cyclohexanamine as related impurity in glipizide through derivatization with o-phthaldialdehyde	43	7	1162	1171	1	10.1080/00032710903518591	Articol
42	2010	Analytical Letters	0.982	Voicu, V., Medvedovici, A., Radulescu, M., Iorgulescu, E.-E., David, V.	Unusual retention behavior of some cationic-type aldoximes used as AChE reactivators under ion-pairing liquid chromatographic mechanism	43	7	1267	1276	4	10.1080/00032710903518682	Articol
43	2010	Acta Endocrinologica	0.210	Voicu, V.A., Medvedovici, A., Miron, D., Rădulescu, F.	A novel approach on pharmacokinetic/pharmacodynamic correlations of risperidone: Understanding its safety and efficacy profiles	6	2	265	285	4	10.4183/aeb.2010.265	Articol
44	2010	Journal of Chromatography A	4.258	Vîrgolici, M., Ponta, C., Manea, M., Neagu, D., Cutrubinis, M., Moise, I., Şuvăilă, R., Teodor, E., Sârbu, C., Medvedovici, A.	Thermal desorption/gas chromatography/mass spectrometry approach for characterization of the volatile fraction from amber specimens: A possibility of tracking geological origins	1217	12	1977	1987	11	10.1016/j.chroma.2010.01.075	Articol
45	2010	Journal of Liquid Chromatography and Related Technologies	0.638	Udrescu, S., Sora, I.D., David, V., Medvedovici, A.	Large volume injection of hexane solutions in RPLC/UV to enhance on sensitivity of the assay of ginkgolic acids in ginkgo biloba standardized extracts	33	1	133	149	10	10.1080/10826070903430514	Articol

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46	2010	Analytical Letters	0.982	Moț, A.C., Soponar, F., Medvedovici, A., Sârbu, C.	Simultaneous spectrophotometric determination of aspirin, paracetamol, caffeine, and chlorphenamine from pharmaceutical formulations using multivariate regression methods	43	5	804	813	14	10.1080/00032710903486260	Articol
47	2009	Biomedical Chromatography	1.662	Medvedovici, A., Albu, F., Sora, I.D., Udrescu, S., Galaon, T., David, V.	Assay of free captopril in human plasma as monobromobimane derivative, using RPLC/(+)ESI/MS/MS: Validation aspects and bioequivalence evaluation	23	10	1092	1100	6	10.1002/bmc.1229	Articol
48	2009	Nukleonika	0.357	Virgolici, M., Medvedovici, A.V., Manea, M.M., Cutrubinis, M., Moise, I.V., Georgescu, R.	A study on optimization of sample preparation for gas chromatographic methods used in routine irradiated foodstuffs detection	54	2	115	121	1		Articol
49	2009	Journal of Separation Science	2.594	David, V., Galaon, T., Caiali, E., Medvedovici, A.	Competitional hydrophobicity driven separations under RP-LC mechanism: Application to sulfonylurea congeners	32	18	3099	3106	5	10.1002/jssc.200900356	Articol
50	2009	Journal of Liquid Chromatography and Related Technologies	0.638	Albu, M., David, V., Tache, F., Medvedovici, A.	HPLC/DAD assay of related impurity ethyl-4-oxopiperidine-1-carboxylate in loratadine through derivatization with 2,4-dinitrophenylhydrazine	32	17	2569	2583	1	10.1080/10826070903249757	Articol
51	2009	Journal of Pharmaceutical and Biomedical Analysis	2.829	Sora, D.I., Stefanescu, V., David, V., Medvedovici, A.	Validation of an LC-MS/MS assay of terpene trilactones in Ginkgo biloba extracts and pharmaceutical formulations through standard addition method	50	3	459	468	10	10.1016/j.jpba.2009.05.040	Articol
52	2009	Farmacia	1.251	Sandulovici, R., Prasacu, I., Mircioiu, C., Voicu, V., Medvedovici, A., Anuța, V.	Mathematical and phenomenological criteria in selection of pharmacokinetic model for M1 metabolite of pentoxyphylline	57	2	235	246	10		Articol

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53	2009	Bioanalysis	3.027	Sora, I., Cristea, E., Albu, F., Udrescu, S., David, V., Medvedovici, A.	LC-MS/MS assay of quinapril and its metabolite quinaprilat for drug bioequivalence evaluation: Prospective, concurrential and retrospective method validation	1	1	71	86	0	10.4155/bio.09. 5	Articol
54	2008	Biomedical Chromatography	1.662	Medvedovici, A., Sora, D.I., Ionescu, S., Hillebrand, M., David, V.	Characterization of a new norfloxacin metabolite monitored during a bioequivalence study by means of mass spectrometry and quantum computation	22	10	1100	1107	5	10.1002/bmc.10 31	Articol
55	2008	Journal of Separation Science	2.594	Udrescu, S., Medvedovici, A., David, V.	Effect of large volume injection of hydrophobic solvents on the retention of less hydrophobic pharmaceutical solutes in RP-LC	31	16- 17	2939	2945	16	10.1002/jssc.20 0800299	Articol
56	2008	Biomedical Chromatography	1.662	Georgita, C., Albu, F., David, V., Medvedovici, A.	Nonlinear calibrations on the assay of diltiazem and two of its metabolites from plasma samples by means of liquid chromatography and ESI/MS2 detection: Application to a bioequivalence study	22	3	289	297	16	10.1002/bmc.92 7	Articol
57	2008	Separation Science and Technology	1.200	Galaon, T., Medvedovici, A., David, V.	Hydrophobicity parameter (log Kow) estimation for some phenolic compounds of pharmaceutical interest from retention studies with mobile phase composition in reversed-phase liquid chromatography	43	1	147	163	8	10.1080/014963 90701764858	Articol
58	2007	Biomedical Chromatography	1.662	Sora, D.I., Udrescu, S., David, V., Medvedovici, A.	Validated ion pair liquid chromatography/fluorescence detection method for assessing the variability of the loratadine metabolism occurring in bioequivalence studies	21	10	1023	1029	10	10.1002/bmc.84 5	Articol

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59	2007	Journal of Catalysis	6.073	Coman, S.M., Florea, M., Parvulescu, V.I., David, V., Medvedovici, A., De Vos, D., Jacobs, P.A., Poncelet, G., Grange, P.	Metal-triflate ionic liquid systems immobilized onto mesoporous MS41 materials as new and efficient catalysts for N-acylation	249	2	359	369	28	10.1016/j.jcat.2007.04.022	Articol
60	2007	Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences	2.694	Georgita, C., Albu, F., David, V., Medvedovici, A.	Simultaneous assay of metformin and glibenclamide in human plasma based on extraction-less sample preparation procedure and LC/(APCI)MS	854		211	218	34	10.1016/j.jchromb.2007.04.032	Articol
61	2007	Revue Roumaine de Chimie	0.393	Sora, I., Galaon, T., David, V., Medvedovici, A.	Determination of nimesulide and its active metabolite in plasma samples based on solvent deproteinization and HPLC-DAD analysis	52	5	499	507	1		Articol
62	2007	Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences	2.694	Medvedovici, A., Albu, F., Georgita, C., Sora, D.I., Galaon, T., Udrescu, S., David, V.	Achiral-chiral LC/LC-FLD coupling for determination of carvedilol in plasma samples for bioequivalence purposes	850		327	335	17	10.1016/j.jchromb.2006.12.004	Articol
63	2007	Journal of Pharmaceutical and Biomedical Analysis	2.829	Sora, I., Galaon, T., Udrescu, S., Negru, J., David, V., Medvedovici, A.	Fast RPLC-UV method on short sub-two microns particles packed column for the assay of tenoxicam in plasma samples	43	4	1437	1443	6	10.1016/j.jpba.2006.11.008	Articol
64	2007	Journal of Liquid Chromatography and Related Technologies	0.638	David, V., Medvedovici, A.	Structure-retention correlation in liquid chromatography for pharmaceutical applications	30		761	789	15	10.1080/10826070701191052	Review
65	2007	Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences	2.694	Albu, F., Georgiță, C., David, V., Medvedovici, A.	Determination of glibenclamide in human plasma by liquid chromatography and atmospheric pressure chemical ionization/MS-MS detection	846		222	229	13	10.1016/j.jchromb.2006.09.005	Articol

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66	2007	Biomedical Chromatography	1.662	Galaon, T., Udrescu, S., Sora, I., David, V., Medvedovici, A.	High-throughput liquid-chromatography method with fluorescence detection for reciprocal determination of furosemide or norfloxacin in human plasma	21	1	40	47	18	10.1002/bmc.715	Articol
67	2007	Journal of Liquid Chromatography and Related Technologies	0.638	Albu, F., Georgita, C., Tache, F., Mutihac, L., Medvedovici, A., David, V.	Considerations on MS/MS detection of bromazepam after liquid chromatographic separation from plasma samples: Application to a bioequivalence study	30	18	2699	2715	3	10.1080/10826070701560603	Articol
68	2007	Journal of Liquid Chromatography and Related Technologies	0.638	Medvedovici, A., David, V., David, V., Georgita, C.	Retention phenomena induced by large volume injection of solvents non-miscible with the mobile phase in reversed-phase liquid chromatography	30	2	199	213	18	10.1080/10826070601064201	Articol
69	2006	Revue Roumaine de Chimie	0.393	David, V., Iorgulescu, E.-E., Medvedovici, A.	Extrapolations by multiple regressions of the retention parameters for several aromatic hydrocarbons in reversed-phase liquid chromatography	51		803	809	1		Articol
70	2006	Revue Roumaine de Chimie	0.393	David, V., Bărcuțean, C., Georgita, C., Medvedovici, A.	Non-miscible solvent large volume injection - HPLC/DAD method for determination of butylated hydroxyanisole in lovastatin and simvastatin pharmaceutical formulations	51	5	447	453	6		Articol
71	2005	Revue Roumaine de Chimie	0.393	David, V., Medvedovici, A.	Partition model applied to the retention process of basic analytes in reversed-phase and ion-pairing liquid chromatography	50	09-Oct	837	843	5		Articol
72	2005	Biomedical Chromatography	1.662	Medvedovici, A., Albu, F., Georgiță, C., David, V.	Non-extractive procedure followed by LC/APCI MS/MS analysis of trimetazidine in plasma samples for assessing bioequivalence of immediate/modified release formulations	19	7	549	555	25	10.1002/bmc.478	Articol

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73	2005	Arzneimittel-Forschung/Drug Research	0.507	Medvedovici, A., Albu, F., Georgita, C., Mircioiu, C., David, V.	A non-extracting procedure for the determination of meloxicam in plasma samples by HPLC-DIODE Array Detection	55	6	326	331	16		Articol
74	2005	Revue Roumaine de Chimie	0.393	David, V., Bărcutean, C., Sora, I., Medvedovici, A.	Determination of metformin in plasma samples by HPLC-DAD based on plasma derivatization and precipitation with acetic anhydride	50	4	269	276	9		Articol
75	2005	Revue Roumaine de Chimie	0.393	Medvedovici, A., Albu, F., David, V.	Selection of the retention mechanism for separation of amitriptyline and the main related impurities by liquid chromatography	50	3	225	234	3		Articol
76	2005	Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences	2.694	Albu, F., Georgiță, C., David, V., Medvedovici, A.	Liquid chromatography-electrospray tandem mass spectrometry method for determination of indapamide in serum for single/multiple dose bioequivalence studies of sustained release formulations	816		35	40	21	10.1016/j.jchromb.2004.11.002	Articol
77	2005	Journal of Liquid Chromatography and Related Technologies	0.638	David, V., Medvedovici, A., Albu, F.	Retention behavior of metformin and related impurities in ion-pairing liquid chromatography	28	1	81	95	22	10.1081/JLC-200038592	Articol
78	2005	Journal of Chemometrics	1.803	David, V., Medvedovici, A.	Conditional/non-conditional probabilities and information entropies assigned to high-performance liquid chromatography with diode array and fluorescence detection	19	1	16	22	2	10.1002/cem.902	Articol
79	2004	Revue Roumaine de Chimie	0.393	Medvedovici, A., David, V., Albu, F., Farca, A.	Retention behavior of amiodarone and some related compounds in reversed-phase liquid chromatography	49	9	783	789	1		Articol
80	2004	Comptes Rendus Chimie	1.483	Musteață, M., Musteață, V., David, V., Medvedovici, A., Gagea, B.C., Pârvolescu, V.I.	Heterogeneous synthesis of amido-type surfactants for bitumenes	7		623	628		10.1016/j.crci.2004.03.003	Articol

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81	2004	Journal of Liquid Chromatography and Related Technologies	0.638	David, V., Albu, F., Medvedovici, A.	Structure-Retention Correlation of Some Oxicam Drugs in Reversed-Phase Liquid Chromatography	27	6	965	984	15	10.1081/JLC-120030172	Articol
82	2004	Revue Roumaine de Chimie	0.393	Ionescu, M., Galaon, T., David, V., Medvedovici, A.	Determination of glybenclamide in human plasma by high-performance liquid chromatography and diode-array detector	49		351	359	3		Review
83	2004	Journal of Pharmaceutical and Biomedical Analysis	2.829	Medvedovici, A., Albu, F., Farca, A., David, V.	Validated HPLC determination of 2-[(dimethylamino)methyl]cyclohexanone, an impurity in Tramadol, using a precolumn derivatisation reaction with 2,4-dinitrophenylhydrazine	34	1	67	74	11	10.1016/j.japna.2003.07.003	Articol
84	2003	Microchemical Journal	3.583	Lovin, I., Albu, F., Tache, F., David, V., Medvedovici, A.	Solvent and salting effects on sample preparation for the determination of fenofibric acid in human plasma by HPLC-DAD	75	3	179	187	10	10.1016/S0026-265X(03)00093-6	Articol
85	2003	LC-GC Europe	0.655	Sandra, P., Medvedovici, A., David, F.	Comprehensive pSFCxpSFC-MS for the characterization of triglycerides in vegetable oils	16	12 A	32	34	14		Articol
86	2003	Chemia Analityczna	0.520	Farca, A., Tache, F., Medvedovici, A., David, V.	Validation of the assay of metoprolol in human plasma using liquid-liquid extraction and high performance liquid chromatography with fluorescence detection	48	4	677	688	2		Articol
87	2003	Revue Roumaine de Chimie	0.393	Farca, A., David, V., Medvedovici, A., Ionescu, M.	Application of the ion-pair mechanism for the determination of acyclovir in plasma samples by liquid chromatography with fluorescence detection	48	10	781	787	2		Articol
88	2002	Journal of Chromatography A	4.258	Sandra, P., Medvedovici, A., Zhao, Y., David, F.	Characterization of triglycerides in vegetable oils by silver-ion packed-column supercritical fluid chromatography coupled to mass spectroscopy with atmospheric pressure chemical ionization and coordination ion spray	974		231	241	58	10.1016/S0021-9673(02)01311-0	Articol

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89	2002	Revue Roumaine de Chimie	0.393	Ionescu, M., David, V., Medvedovici, A.	A non-extraction method for the determination of prothionamide in human plasma samples by high performance liquid chromatography-diode array detector	47		855	860	2		Articol
90	2002	Journal of Pharmaceutical and Biomedical Analysis	2.829	Tache, F., Farca, A., Medvedovici, A., David, V.	Validation of a LC-fluorescence method for determination of free captopril in human plasma, using a pre-column derivatization reaction with monobromobimane	28		549	557	34	10.1016/S0731-7085(01)00687-2	Articol
91	2002	Microchemical Journal	3.583	Medvedovici, A., Ionescu, M., Mircioiu, C., David, V.	Optimization of a liquid-liquid extraction method for HPLC-DAD determination of penicillin-V in human plasma	72	1	85	92	11	10.1016/S0026-265X(01)00160-6	Articol
92	2002	Journal of Separation Science	2.594	Medvedovici, A., Lazou, K., D'Oosterlinck, A., Zhao, Y., Sandra, P.	Analysis of jojoba oil by LC-coordination ion spray-MS (LC-CIS-MS)	25	3	173	178	14	10.1002/1615-9314(20020201)25:3<173::AID-JSSC173>3.0.CO;2-K	Articol
93	2001	Chemia Analytyczna	0.520	David, V., Ionescu, M., Tache, F., Medvedovici, A.	A simple and fast method for the determination of ranitidine in human plasma by HPLC-DAD	46	6	865	871	2		Articol
94	2001	Analytical Letters	0.982	Medvedovici, A., David, V., Tache, F., David, F., Sandra, P.	SPE-HPLC-DAD determination of Triton X-100 in perfusable solutions	34	9	1477	1486	0	10.1081/AL-100104921	Articol
95	2001	Microchemical Journal	3.583	Tache, F., David, V., Farca, A., Medvedovici, A.	HPLC-DAD determination of Metformin in human plasma using derivatization with p-nitrobenzoyl chloride in a biphasic system	68	1	13	19	52	10.1016/S0026-265X(00)00170-3	Articol
96	2000	European Journal of Drug Metabolism and Pharmacokinetics	1.312	Medvedovici, A., Mircioiu, C., David, V., Miron, D.S.	Liquid extraction and HPLC-DAD assay of hydrochlorothiazide from plasma for a bioequivalence study at the lowest therapeutic dose	25	2	91	96	27		Articol
97	2000	Revue Roumaine de Chimie	0.393	Medvedovici, A., David, V., Sandra, P.	Fast analysis of Carbaryl by on-line SPE-SFC-DAD	45	9	827	833	3		Articol

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98	2000	Annali di Chimica	7.117 (*)	Medvedovici, A., David, F., David, V., Sandra, P.	Analysis of xanthenes in beverages using a fully automated SPE - SFC - DAD hyphenated system	90		455	465	4		Articol
99	2000	Journal of Chemical Information and Computer Sciences	4.068 (**)	David, V., Medvedovici, A.	Data Evaluation in High- Performance Liquid Chromatography-Diode-Array Detection-Fluorescence Detection by Information Theory	40	4	976	980	4		Articol
100	2000	Revue Roumaine de Chimie	0.393	Dumitrescu, V., Buda, W., Medvedovici, A.	Evaluation of new stationary phases for capillary gas chromatography	45	4	313	318	0		Articol
101	2000	Analytical Letters	0.982	Medvedovici, A., David, V., Miron, D., Mircioiu, C.	Comparison of two sample preparation methods for a HPLC- DAD assay of tolbutamide from human plasma	33	11	2219	2230	3		Articol
102	1999	Chemia Analityczna	0.520	Lamiri, A., Medvedovici, A., David, F., David, V., Sandra, P.	Off-line coupling liquid chromatography and capillary gas chromatography - Mass spectrometry for ultratrace determination of deltamethrin in mint oil	44	6	977	984	1		Articol
103	1999	Journal of Microcolumn Separations	2.594 (***)	Dermaux, A., Medvedovici, A., Ksir, M., Van Hove, E., Talbi, M., Sandra, P.	Elucidation of the triglycerides in fish oil by packed-column supercritical fluid chromatography fractionation followed by capillary electrochromatography and electrospray mass spectrometry	11	6	451	459	23		Articol
104	1999	Chemistry - A European Journal	5.696	Maurinsh, Y., Rosemeyer, H., Esnouf, R., Medvedovici, A., Wang, J., Ceulemans, G., Lescrinier, E., Hendrix, C., Busson, R., Sandra, P., Seela, F., Van Aerschot, A., Herdewijn, P.	Synthesis and pairing properties of oligonucleotides containing 3- hydroxy-4-hydroxymethyl-1- cyclohexanyl nucleosides	5	7	2139	2150	45		Articol

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105	1999	Journal of Chromatography A	4.258	Correa, R.A., Ferraz, V., Medvedovici, A., Sandra, P., Cerne, K., David, F.	Positional and configurational separation of fatty acid isomers by micro reversed-phase liquid chromatography with an Ag ⁺ -containing mobile phase	848		83	93	6	10.1016/S0021-9673(99)00465-3	Articol
106	1999	Analytical Letters	0.982	Medvedovici, A., David, V., David, F., Sandra, P.	Optimization in the formaldehyde determination at sub-PPM level from acetals by HPLC-DAD	32	3	581	592	14		Articol
107	1998	Journal of Microcolumn Separations	2.594 (***)	Medvedovici, A., David, F., Desmet, G., Sandra, P.	Fractionation of Nitro and Hydroxy Polynuclear Aromatic Hydrocarbons from Extracts of Air Particulates by Supercritical Fluid Chromatography	10	1	89	97	11		Articol
108	1998	Chemia Analityczna	0.520	Medvedovici, A.V., David, V., David, F., Sandra, P.	Analysis of polyaromatic hydrocarbons in water samples, at ppt level, using on-line solid phase extraction-reversed phase liquid chromatography-fluorescence detection	43	1	47	56	3		Articol
109	1998	Annali di Chimica	7.117 (*)	David, V., Medvedovici, A., Tache, F.	Information amount obtained at the separation and characterization for some natural fruit oils by CGC-MS technique	88		577	585	4		Articol
110	1998	Revue Roumaine de Chimie	0.393	Vasilescu, E.M., Medvedovici, A., Dumitrescu, V.	Chromatographic characterisation of some Roumanian diesel fuels	43	5	473	480	3		Articol
111	1997	HRC Journal of High Resolution Chromatography	2.594 (***)	Medvedovici, A., Sandra, P., David, F.	Construction of an Interface for SPME-PCSFC	20	11	619	620	5		Articol
112	1997	Journal of Chromatography A	4.258	Medvedovici, A., Sandra, P., Toribio, L., David, F.	Chiral packed column subcritical fluid chromatography on polysaccharide and macrocyclic antibiotic chiral stationary phases	785		159	171	98	10.1016/S0021-9673(97)00585-2	Articol
113	1997	Talanta	3.511	Medvedovici, A., David, F., Sandra, P.	Determination of the rodenticides warfarin, diphenadione and chlorophacinone in soil samples by HPLC-DAD	44	9	1633	1640	16	10.1016/S0039-9140(97)00068-4	Articol

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114	1997	Chromatographia	1.370	Medvedovici, A., David, F., Sandra, P.	Analysis of sterols in vegetable oils using off-line SFC/capillary GC-MS	44		37	42	17	10.1007/BF02466513	Articol
115	1997	Chirality	1.724	Van Overbeke, A., Sandra, P., Medvedovici, A., Baeyens, W., Aboul-Enein, H.Y.	Application of chiralcel OJ in supercritical fluid chromatography for the resolution of different groups of frequently used drug racemates	9	2	126	132	25	10.1002/(SICI)1520-636X(1997)9:2<126::AID-CHIR9>3.0.CO;2-F	Lucrare conferinta
116	1996	HRC Journal of High Resolution Chromatography	2.594 (***)	Garcia, K.E., Medvedovici, A., Ferraz, V., Sandra, P.	Fast Chiral Separation by Microbore SFC on the 3,5-Dimethylphenyl Carbamate Derivative of Cellulose	19	10	569	570	4		Articol
117	1996	HRC Journal of High Resolution Chromatography	2.594 (***)	Medvedovici, A., Sandra, P., Kot, A., Kolodziejczyk, A.	Study on the Separation of D,L- and meso-N,N'-Di(carbobenzyloxy)-2,6-diaminopimelic Acid by SFC	19	4	227	228	6		Articol
118	1996	LC GC Europe	0.655	Sandra, P., Medvedovici, A., Kot, A., Vilas Boas, L., David, F.	SPE-SFC-DAD: A new hyphenated system for monitoring organic micropollutants in aqueous samples	9	9	540	554	0		Articol
119	1995	Journal of Chromatography A	4.258	Sandra, P., Kot, A., Medvedovici, A., David, F.	Selected applications of the use of supercritical fluids in coupled systems	703		467	478	17	10.1016/0021-9673(95)00050-W	Articol
120	1993	HRC Journal of High Resolution Chromatography	2.594 (***)	Chen, J., Steenackers, D., Medvedovici, A., Sandra, P.	Temperature optimization for the separation of PAHs on micropacked LC ODS columns	16	10	605	608	18		Articol

Factor de impact total 254.593 **Total citari 1249**

(*) In December 2007, publication of *Annali di Chimica* was ceased. It is succeeded by the new journal *ChemSusChem*, which is co-owned by the *Società Chimica Italiana (SCI)* and the *Gesellschaft Deutscher Chemiker (GDCh)* along with further chemical societies that make up *ChemPubSoc Europe* and published by *Wiley-VCH*. Print ISSN: 0003-4592; Online ISSN: 1612-8877

(**) Discontinued - now *Journal of Chemical Information and Modelling*.

(***) The *Journal of Separation Science (JSS)* is the most comprehensive source in separation science, as all areas of chromatographic and electrophoretic separation methods are covered. This includes fundamentals, instrumentation and applications, both in analytical and preparative mode. A Tradition of Excellence: *JSS* continues the tradition of excellence set by the *Journal of High Resolution Chromatography (HRC)* and - since 2002 - the *Journal of Microcolumn Separations (JMS)*.

**18 publicații în reviste din România; 102 publicații în reviste internaționale (rânduri marcate în culoare gris).
Numerele (#) având caractere Bold indică Autor de corespondența sau Prim Autor (54 publicații).**