

Row	Title	Authors	Correspondence Address	DOI	Link
1	Electrochemical quantification of some water soluble vitamins in commercial multi-vitamin using poly-amino acid capped by graphene quantum dots nanocomposite as dual signal amplification elements	Shadjou N., Hasanzadeh M., Omari A.	Hasanzadeh, M. hasanzadehm@tbzmed.ac.ir	10.1016/j.ab.2017.10.011	Link
2	A comparative in-vitro study for evaluation of physicochemical properties of the domestic and innovator brands of sertraline hydrochloride tablets available in the Iranian market	Dastgiri A., Siah M., Tamizi E.	Tamizi, E. etamizi@yahoo.com	10.15171/PS.2017.40	Link
3	Comments on "An Investigation into the Serum Thioredoxin, Superoxide Dismutase, Malondialdehyde, and Advanced Oxidation Protein Products in Patients with Breast Cancer"	Khoubnasabjafari M., Ansarin K., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1245/s10434-017-6182-y	Link
4	Modelling the preferential solvation of ferulic acid in {2-propanol (1) + water (2)} mixtures at 298.15 K	Jouyban A., Martínez F.	Martínez, F. fmartinezr@unal.edu.co	10.15171/PS.2017.48	Link
5	Highly sensitive immunosensing of prostate specific antigen using poly cysteine capped by graphene quantum dots and gold nanoparticle: A novel signal amplification strategy	Malekzad H., Hasanzadeh M., Shadjou N., Jouyban A.	Hasanzadeh, M. mhmmd_hasanzadeh@yahoo.com	10.1016/j.ijbioma.2017.07.069	Link
6	An innovative immunosensor for detection of tumor suppressor protein p53 in unprocessed human plasma and cancer cell lysates	Hasanzadeh M., baghban H.N., Mokhtarzadeh A., Shadjou N., Mahboob S.	Hasanzadeh, M. hasanzadehm@tbzmed.ac.ir	10.1016/j.ijbioma.2017.07.165	Link
7	LC-MS/MS estimation of propranolol level in exhaled breath condensate	Hamidi S., Amini M., Khoubnasabjafari M., Jouyban-Gharamaleki V., Sate H., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.15171/PS.2017.39	Link
8	Multispectral and molecular docking studies on the interaction of human serum albumin with iohexol	Hasanzadeh A., Dehghan G., Shaghghi M., Panahi Y., Jouyban A., Yekta R.	Dehghan, G. gdehghan@tabrizu.ac.ir	10.1016/j.molliq.2017.10.096	Link
9	Nanomaterial-based biosensors for detection of pathogenic virus	Mokhtarzadeh A., Eivazzadeh-Keihan R., Pashazadeh P., Hejazi M., Gharaatifar N., Hasanzadeh M., Baradaran B., de la Guardia M.	Baradaran, B. behzad_im@yahoo.com	10.1016/j.trac.2017.10.005	Link
10	Solubility prediction of deferiprone in N-methyl-2-pyrrolidone + ethanol mixtures at various temperatures using a minimum number of experimental data	Mohamadian E., Hamidi S., Martínez F., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1080/00319104.2017.1283691	Link
11	Development of Heat-Induced Homogeneous Liquid-Liquid Microextraction for Extraction and Preconcentration of Neonicotinoid Insecticides from Fruit Juice and Vegetable Samples	Farajzadeh M.A., Hojaghan A.S., Afshar Mogaddam M.R.	Farajzadeh, M.A. mafajzadeh@yahoo.com	10.1007/s12161-017-0942-y	Link
12	Determination of Enrofloxacin in Milk Samples Using Silver Nanoparticle Enhanced Terbium-Sensitized Fluorescence Method	Ershadi S., Jouyban A., Shayanfar A.	Shayanfar, A. shayanfara@tbzmed.ac.ir	10.1007/s12161-017-0914-2	Link
13	Analysis of deferiprone in exhaled breath condensate using silver nanoparticle-enhanced terbium fluorescence	Mohamadian E., Shayanfar A., Khoubnasabjafari M., Jouyban-Gharamaleki V., Ghaffary S., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1039/c7ay01715d	Link
14	Is malondialdehyde an acceptable biomarker of oxidative stress in children with down syndrome?	Jouyban A., Khoubnasabjafari M.	Khoubnasabjafari, M. mkjafari2@yahoo.com	10.5812/ijp.6892	Link
15	Proline dehydrogenase-entrapped mesoporous magnetic silica nanomaterial for electrochemical biosensing of L-proline in biological fluids	Hasanzadeh M., Nahar A.S., Hassanpour S., Shadjou N., Mokhtarzadeh A., Mohammadi J.	Hasanzadeh, M. mhmmd_hasanzadeh@yahoo.com	10.1016/j.enzmict.2017.05.007	Link
16	Solubilization of celecoxib, lamotrigine and phenytoin using ethanol and a nonionic surfactant	Jouyban-Gharamaleki V., Soleymani J., Jouyban-Gharamaleki K., Suleymanov T.A., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1016/j.molliq.2017.08.080	Link
17	Comments on "Temperature-dependent solubility of β -alanine in different binary solvents from 288.15 K to 323.15 K: Measurement and thermodynamic modeling"	Jouyban A., Martinez F., Acree W.E., Jr	Acree, W.E. acree@unt.edu	10.1016/j.molliq.2017.08.040	Link
18	Further computations on physico-chemical properties of binary solvent mixtures of N,N-dimethylformamide with N-propylpropan-1-amine, N-butylbutan-1-amine, butan-1-amine and hexan-1-amine at several temperatures	Jouyban A.		10.1016/j.molliq.2017.07.109	Link
19	Comments on "Altered lipid peroxidation markers are related to post-traumatic stress disorder (PTSD) and not trauma itself in earthquake survivors"	Khoubnasabjafari M., Jouyban A.	Khoubnasabjafari, M. mkjafari2@yahoo.com	10.1007/s00406-016-0704-7	Link
20	Quantitative structure activity relationship (QSAR) of methylated polyphenol derivatives as permeability glycoprotein (P-gp) inhibitors: A	Ghaemian P., Shayanfar A.	Shayanfar, A. shayanfara@tbzmed.ac.ir	10.2174/1570180814	Link

	comparison of different training and test set selection methods			666170126150447	
21	A new "turn-on" fluorescent sensor based on gold quantum dots and silver nanoparticles for lamotrigine detection in plasma	Jouyban A., Samadi A., Khoubnasabjafari M.	Samadi, A. Samadi_azam@yahoo.com	10.1016/j.talanta.2017.05.018	Link
22	Solubility of celecoxib in N-methyl-2-pyrrolidone + 2-propanol mixtures at various temperatures	Nozohouri S., Shayanfar A., Kenndler E., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1016/j.molliq.2017.06.080	Link
23	Effects of analytical procedures on the repeatability of malondialdehyde determinations in biological samples	Azizi S., Khoubnasabjafari M., Shahrissa A., Khoubnasabjafari M., Soleymani J., Jouyban A.	Khoubnasabjafari, M. mkjafari2@yahoo.com	10.15171/PS.2017.29	Link
24	Methadone concentrations in exhaled breath condensate, serum and urine of patients under maintenance treatment	Khoubnasabjafari M., Ansarin K., Jouyban-Gharamaleki V., Panahi-Azar V., Hamidi S., Azarmir Z., Jouyban A.	Jouyban, A. ajouyban@hotmail.com		Link
25	Ensuring food safety using aptamer based assays: Electroanalytical approach	Malekzad H., Jouyban A., Hasanzadeh M., Shadjou N., de la Guardia M.	Hasanzadeh, M. mhmmd_hasanzadeh@yahoo.com	10.1016/j.trac.2017.07.001	Link
26	Development and validation of a novel fluorometric sensor for hydrogen peroxide monitoring in exhaled breath condensate	Jouyban A., Rahimpour E., Jouyban-Gharamaleki V., Khoubnasabjafari M., Abdolmohammad-Zadeh H.	Rahimpour, E. Rahimpour_e@yahoo.com	10.1039/c7ay01535f	Link
27	Early stage diagnosis of programmed cell death (apoptosis) using electroanalysis: Nanomaterial and methods overview	Hasanzadeh M., Shadjou N., de la Guardia M.	Hasanzadeh, M. mhmmd_hasanzadeh@yahoo.com	10.1016/j.trac.2017.06.007	Link
28	Dispersive micro-solid-phase extraction using carbon-based adsorbents for the sensitive determination of verapamil in plasma samples coupled with capillary electrophoresis	Jouyban A., Hamidi S.	Hamidi, S. Hamidisamin@gmail.com	10.1002/jssc.201700385	Link
29	Amidosulfonic acid-capped silver nanoparticles for the spectrophotometric determination of lamotrigine in exhaled breath condensate	Jouyban A., Samadi A., Khoubnasabjafari M., Jouyban-Gharamaleki V., Ranjbar F.	Samadi, A. Samadi_azam@yahoo.com	10.1007/s00604-017-2325-x	Link
30	Electrochemical sensing of doxorubicin in unprocessed whole blood, cell lysate, and human plasma samples using thin film of poly-arginine modified glassy carbon electrode	Soleymani J., Hasanzadeh M., Eskandani M., Khoubnasabjafari M., Shadjou N., Jouyban A.	Hasanzadeh, M. mhmmd_hasanzadeh@yahoo.com	10.1016/j.msec.2017.03.257	Link
31	Further calculations on solubility of 2-chloro-3-(trifluoromethyl)pyridine in ethanol + 1-propanol solvent mixtures at various temperatures	Jouyban A., Martinez F., Acree W.E., Jr.	Acree, W.E. acree@unt.edu	10.1016/j.molliq.2017.05.117	Link
32	Solubility of sildenafil citrate in polyethylene glycol 400 + water mixtures at various temperatures	Pirhayati F.H., Shayanfar A., Rahimpour E., Barzegar-Jalali M., Martinez F., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1016/j.molliq.2017.05.057	Link
33	Solubility and Preferential Solvation of Caffeine and Theophylline in {Methanol + Water} Mixtures at 298.15 K	Cárdenas Z.J., Jiménez D.M., Almanza O.A., Jouyban A., Martínez F., Acree W.E., Jr.	Martínez, F. fmartinezr@unal.edu.co	10.1007/s10953-017-0666-z	Link
34	Solubility of phenobarbital in aqueous cosolvent mixtures revisited: IKBI preferential solvation analysis	Martínez F., Jouyban A., Acree W.E., Jr.	Martínez, F. fmartinezr@unal.edu.co	10.1080/00319104.2016.1218494	Link
35	(Nano)-materials and methods of signal enhancement for genosensing of p53 tumor suppressor protein: Novel research overview	Hasanzadeh M., Shadjou N.	Hasanzadeh, M. hasanzadehm@tbzmed.ac.ir	10.1016/j.msec.2017.02.038	Link
36	Comment on "measurement and Correlation of the Solubility of Maltitol in Different Pure Solvents, Methanol-Water Mixtures, and Ethanol-Water Mixtures"	Jouyban A., Martinez F., Acree W.E.	Acree, W.E. acree@unt.edu	10.1021/acs.jced.7b00204	Link
37	Determination of 2-octanone in biological samples using liquid-liquid microextractions followed by gas chromatography-flame ionization detection	Jouyban A., Abbaspour M., Farajzadeh M.A., Khoubnasabjafari M.	Jouyban, A. ajouyban@hotmail.com	10.15171/PS.2017.18	Link
38	Solubilization of lamotrigine using Tween 80 and ethylene glycol or propylene glycol	Soleymani J., Jouyban-Gharamaleki V., Suleymanov T.A., Jouyban-Gharamaleki K., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1016/j.molliq.2017.04.024	Link
39	Early stage screening of breast cancer using electrochemical biomarker detection	Hasanzadeh M., Shadjou N., de la Guardia M.	Hasanzadeh, M. hasanzadehm@tbzmed.ac.ir	10.1016/j.trac.2017.04.006	Link
40	Non-invasive diagnosis of oral cancer: The role of electro-analytical methods and nanomaterials	Hasanzadeh M., Shadjou N., de la Guardia M.	Hasanzadeh, M. mhmmd_hasanzadeh@yahoo.com	10.1016/j.trac.2017.04.007	Link
41	Evaluation of vitamin D3 and D2 stability in fortified flat bread samples during dough fermentation, baking and storage	Tabibian M., Torbati M., Mogaddam M.R.A., Mirlohi	Mohtadinia, J. mohtadiniaj@tbzmed.ac.ir	10.15171/apb.2017.038	Link

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42	Corrigendum to "Poly-dopamine-beta-cyclodextrin: A novel nanobiopolymer towards sensing of amino acids at physiological pH" [Materials Science and Engineering: C Volume 69, 1 December 2016, Pages 343–357] (S0928493116306518) (10.1016/j.msec.2016.06.081)	Hasanzadeh M., Sadeghi S., Bageri L., Mokhtarzadeh A., Karimzadeh A., Shadjou N., Mahbub S.	Hasanzadeh, M. hasanzadehm@tbzmed.ac.ir	10.1016/j.msec.2017.02.162	Link
43	Poly arginine-graphene quantum dots as a biocompatible and non-toxic nanocomposite: Layer-by-layer electrochemical preparation, characterization and non-invasive malondialdehyde sensory application in exhaled breath condensate	Hasanzadeh M., Mokhtari F., Shadjou N., Eftekhari A., Mokhtarzadeh A., Jouyban-Gharamaleki V., Mahboob S.	Hasanzadeh, M. hasanzadehm@tbzmed.ac.ir	10.1016/j.msec.2017.02.025	Link
44	Preferential solvation of etoricoxib in some aqueous binary cosolvent mixtures at 298.15 K	Martínez F., Jouyban A., Acree W.E., Jr.	Martínez, F. fmartinezr@unal.edu.co	10.1080/00319104.2016.1198481	Link
45	Preparation of lycopene nanodispersions from tomato processing waste: Effects of organic phase composition	Anarjan N., Jouyban A.	Anarjan, N. navideh386@yahoo.com	10.1016/j.fbp.2017.03.003	Link
46	Development and validation of ultrasound assisted and dispersive liquid-liquid microextractions combined with HPLC-UV method for determination of bosentan in human plasma and urine	Sajedi-Amin S., Asadpour-Zeynali K., Khoubnasabjafari M., Rashidi F., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.21577/0103-5053.20160239	Link
47	Development of a terbium-sensitized fluorescence method for analysis of silibinin	Ershadi S., Jouyban A., Molavi O., Shayanfar A.	Shayanfar, A. shayanfara@tbzmed.ac.ir	10.5740/jaoacint.16-0208	Link
48	Solubility of celecoxib in N-methyl-2-pyrrolidone+water mixtures at various temperatures: Experimental data and thermodynamic analysis	Nozohouri S., Shayanfar A., Cárdenas Z.J., Martínez F., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1007/s11814-017-0028-y	Link
49	Solubility, potentiometric and thermodynamic studies on zinc-bosentan complex; synthesis and X-ray crystal structure	Khandar A.A., Mirzaei-Kalar Z., White J.M., Hosseini-Yazdi S.A., Kebriaeezadeh A., Jouyban A.	Khandar, A.A. akhandar@yahoo.com	10.1016/j.molliq.2017.03.046	Link
50	Chiral separation of methadone in exhaled breath condensate using capillary electrophoresis	Hamidi S., Khoubnasabjafari M., Ansarin K., Jouyban-Gharamaleki V., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1039/c7ay00110j	Link
51	Aptamer-based assay of biomolecules: Recent advances in electro-analytical approach	Hasanzadeh M., Shadjou N., de la Guardia M.	Hasanzadeh, M. mhmmd_hasanzadeh@yahoo.com	10.1016/j.trac.2017.02.003	Link
52	Current advancement in immunosensing of p53 tumor suppressor protein based on nanomaterials: Analytical approach	Hasanzadeh M., Shadjou N., de la Guardia M.	Hasanzadeh, M. mhmmd_hasanzadeh@yahoo.com	10.1016/j.trac.2017.01.007	Link
53	Solubilization of bosentan using ethanol as a pharmaceutical cosolvent	Sajedi-Amin S., Barzegar-Jalali M., Fathi-Azarbayjani A., Kebriaeezadeh A., Martínez F., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1016/j.molliq.2017.02.056	Link
54	Comment on "Solubility of Trimethoprim in Selected Pure Solvents and (Water + Ethanol/2-Propanol) Mixed-Solvent Systems"	Acree W.E., Jr., Jouyban A., Martínez F.	Acree, W.E. acree@unt.edu	10.1021/acs.jced.6b00940	Link
55	Correct Derivation of Cosolvency Models and Some Comments on "solubility of Fenofibrate in Different Binary Solvents: Experimental Data and Results of Thermodynamic Modeling"	Jouyban A., Martínez F., Acree W.E., Jr.	Acree, W.E. acree@unt.edu	10.1021/acs.jced.6b00722	Link
56	Pharmaceuticals solubility is still nowadays widely studied everywhere	Martínez F., Jouyban A., Acree W.E.	Martínez, F. fmartinezr@unal.edu.co	10.15171/PS.2017.01	Link
57	Comments on "Thermodynamic Models for Correlation of Solubility of Hexaquocobalt(II) Bis(p-toluenesulfonate) in Liquid Mixtures of Water and Ethanol from 288.15 to 333.15 K"	Acree W.E., Jr., Jouyban A., Martínez F.	Acree, W.E. acree@unt.edu	10.1007/s10953-017-0585-z	Link
58	Solubility and thermodynamic parameters of a novel anti-cancer drug (DHP-5) in polyethylene glycol 400 + water mixtures	Shakeel F., Bhat M.A., Haq N., Fathi-Azarbayjani A., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1016/j.molliq.2016.12.067	Link
59	Advanced nanomaterials for use in electrochemical and optical immunoassays of carcinoembryonic antigen. A review	Hasanzadeh M., Shadjou N.	Hasanzadeh, M. mhmmd_hasanzadeh@yahoo.com	10.1007/s00604-016-2066-2	Link
60	What are the reasons for low use of graphene quantum dots in immunosensing of cancer biomarkers?	Hasanzadeh M., Shadjou N.	Hasanzadeh, M. mhmmd_hasanzadeh@yahoo.com	10.1016/j.msec.2016.11.068	Link
61	Nano-materials for use in sensing of salmonella infections: Recent advances	Pashazadeh P., Mokhtarzadeh A., Hasanzadeh M., Hejazi M., Hashemi M., de la Guardia M.	Mokhtarzadeh, A. Mokhtarzadeha891@mums.ac.ir	10.1016/j.bios.2016.08.012	Link
62	Correct derivation of a combined version of the Jouyban–Acree and van't Hoff model and some comments on 'Determination and correlation of the	Jouyban A., Martínez F., Acree W.E., Jr.	Acree, W.E. acree@unt.edu	10.1080/00319104.2016.1198481	Link

	solubility of myricetin in ethanol and water mixtures from 288.15 to 323.15 K'			2016.117725	
63	Investigation of the binding mechanism and inhibition of bovine liver catalase by quercetin: Multi-spectroscopic and computational study	Rashtbari S., Dehghan G., Yekta R., Jouyban A.	Dehghan, G. gdehghan@tabrizu.ac.ir	10.15171/bi.2017.18	Link
64	Effects of resveratrol on the structure and catalytic function of bovine liver catalase (BLC): Spectroscopic and theoretical studies	Rashtbari S., Dehghan G., Yekta R., Jouyban A., Iranshahi M.	Dehghan, G. gdehghan@tabrizu.ac.ir	10.15171/apb.2017.042	Link
65	Prediction of electrophoretic mobility of analytes using Abraham solvation parameters by different chemometric methods	Hamidi S., Shayanfar A., Hamidi H., Aghdam E.M., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.2174/1573411012666160815101243	Link
66	Development of solidification of floating organic drops liquid-liquid microextraction in a newly designed extraction device	Torbati M., Farajzadeh M.A., Torbati M., Afshar Mogaddam M.R.	Afshar Mogaddam, M.R. mr.afsharmogaddam@yahoo.com	10.1039/c7nj04028h	Link
67	A microextraction liquid-chromatographic determination of aristolochic acid i in urine, flour, and aristolochiaceae fruit	Yadeghari A., Ardalan M., Farajzadeh M.A., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.2174/1573412912666160610082640	Link
68	Graphene quantum dots functionalized by chitosan and β -cyclodextrin: An advanced nanocomposite for sensing of multi-analytes at physiological pH	Hasanzadeh M., Shadjou N., Marandi M.		10.1166/jnn.2017.13779	Link
69	Co-liquefaction with acetone and GC analysis of volatile compounds in exhaled breath as lung cancer biomarkers	Jouyban A., Djozan D., Mohammadandasti P., Alizadeh-Nabil A., Ghorbanpour H., Khoubnasabjafari M., Mohammadzadeh M.	Jouyban, A. ajouyban@hotmail.com	10.15171/bi.2017.13	Link
70	Current advancement in electrochemical analysis of neurotransmitters in biological fluids	Hasanzadeh M., Shadjou N., Guardia M.D.L.	Hasanzadeh, M. mhmmd_hasanzadeh@yahoo.com	10.1016/j.trac.2016.11.001	Link
71	Preferential solvation of fenofibrate in (Ethanol or acetone) + water mixtures at 298.15 K	Jouyban A., Martinez F., Acree W.E., Jr.	Martinez, F. fmartinezr@unal.edu.co		Link
72	Essential oil constituents of phlomis pungens willd. From Azerbaijan	Kirimer N., Suleymanov T.A., Kurkcuoglu M., Nazemiyeh H., Shukurova A.S., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1080/0972060X.2017.1407261	Link
73	Materials and methods of signal enhancement for spectroscopic whole blood analysis: Novel research overview	Soleymani J., Perez-Guaita D., Hasanzadeh M., Shadjou N., Jouyban A.	Soleymani, J. jsoleymanii@gmail.com	10.1016/j.trac.2016.10.006	Link
74	Nanomaterials for use in immunosensing of carcinoembryonic antigen (CEA): Recent advances	Hasanzadeh M., Shadjou N., Lin Y., de la Guardia M.	Hasanzadeh, M. mhmmd_hasanzadeh@yahoo.com	10.1016/j.trac.2016.11.003	Link
75	Thermodynamic solubility and density of sildenafil citrate in ethanol and water mixtures: Measurement and correlation at various temperatures	Pirhayati F.H., Shayanfar A., Fathi-Azarbayjani A., Martinez F., Sajedi-Amin S., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1016/j.molliq.2016.11.055	Link
76	Solubility and preferential solvation of some n-alkyl-parabens in methanol + water mixtures at 298.15 K	Cárdenas Z.J., Jiménez D.M., Delgado D.R., Almanza O.A., Jouyban A., Martínez F., Acree W.E., Jr.	Martínez, F. fmartinezr@unal.edu.co	10.1016/j.jct.2017.01.005	Link