

Row	Title	Authors	Correspondence Address	DOI	Link
1	Kinetic and thermodynamic insights into interaction of albumin with piperacillin: Spectroscopic and molecular modeling approaches	Fathi F., Sharifi M., Jafari A., Kakavandi N., Kashanian S., Ezzati Nazhad Dolatabadi J., Rashidi M.-R.	Ezzati Nazhad Dolatabadi, J. ezzatij@tbzmed.ac.ir	10.1016/j.molliq.2019.111770	Link
2	Revolution in biomedicine using emerging of picomaterials: A breakthrough on the future of medical diagnosis and therapy	Pashazadeh-Panahi P., Hasanzadeh M.	Hasanzadeh, M. hasanzadehm@tbzmed.ac.ir	10.1016/j.biopha.2019.109484	Link
3	Development of green sodium sulfate-induced solidification of floating organic droplets–dispersive liquid phase microextraction method: Application to extraction of four antidepressants	Mohebbi A., Farajzadeh M.A., Nemati M., Sarhangi N., Afshar Mogaddam M.R.	Afshar Mogaddam, M.R. mr.afsharmogaddam@yahoo.com	10.1002/bmc.4642	Link
4	Kinetic and thermodynamic studies of sunitinib malate interaction with albumin using surface plasmon resonance and molecular docking methods	Mohammadzadeh-Asl S., Jafari A., Aghanejad A., Monirinasab H., Ezzati Nazhad Dolatabadi J.	Ezzati Nazhad Dolatabadi, J. ezzatij@tbzmed.ac.ir	10.1016/j.microc.2019.104089	Link
5	Thermodynamic analysis of the solubility and preferential solvation of sulfamerazine in (acetonitrile + water) cosolvent mixtures at different temperatures	Blanco-Márquez J.H., Ortiz C.P., Cerquera N.E., Martínez F., Jouyban A., Delgado D.R.	Delgado, D.R. danielr.delgado@campusucc.edu.co	10.1016/j.molliq.2019.111507	Link
6	A novel nucleic acid based bio-assay toward recognition of Haemophilus influenza using bioconjugation and DNA hybridization method	Mobed A., Nami F., Hasanzadeh M., Hassanpour S., Saadati A., Mokhtarzadeh A.	Hasanzadeh, M. hasanzadehm@tbzmed.ac.ir	10.1016/j.ijbiomac.2019.08.036	Link
7	A new computational method for drug solubility prediction in methanol + water mixtures	Dadmand S., Kamari F., Acree W.E., Jr, Jouyban A.	Jouyban, A. Jouyban@tbzmed.ac.ir	10.1016/j.molliq.2019.111369	Link
8	Nanomaterials and new biorecognition molecules based surface plasmon resonance biosensors for mycotoxin detection	Mahmoudpour M., Ezzati Nazhad Dolatabadi J., Torbati M., Pirpour Tazekand A., Homayouni-Rad A., de la Guardia M.	Ezzati Nazhad Dolatabadi, J. ezzatij@tbzmed.ac.ir	10.1016/j.bios.2019.111603	Link
9	Ketoconazole solubility in aqueous binary mixtures of 1-propanol at various temperatures	Hatefi A., Rahimpour E., Martinez F., Barzegar-Jalali M., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1016/j.molliq.2019.111382	Link
10	Recent advances on the DNA-based electrochemical biosensing of cancer biomarkers: Analytical approach	Sadighbayan D., Sadighbayan K., Khosroushahi A.Y., Hasanzadeh M.	Hasanzadeh, M. mhmmd_hasanzadeh@yahoo.com	10.1016/j.trac.2019.07.020	Link
11	Paper based immunosensing of ovarian cancer tumor protein CA 125 using novel nano-ink: A new platform for efficient diagnosis of cancer and biomedical analysis using microfluidic paper-based analytical devices (μ PAD)	Bahavarnia F., Saadati A., Hassanpour S., Hasanzadeh M., Shadjou N., Hassanzadeh A.	Hasanzadeh, M. hasanzadehm@tbzmed.ac.ir	10.1016/j.ijbiomac.2019.07.109	Link
12	Measurement and mathematical modeling of ketoconazole solubility in propylene glycol + water mixtures at various temperatures	Zadaliasghar S., Rahimpour E., Ghafourian T., Martinez F., Barzegar-Jalali M., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1016/j.molliq.2019.111246	Link
13	Determination of proline in human plasma samples using the encapsulation of proline dehydrogenase enzyme in dendritic silica: A new platform for the enzymatic biosensing of amino acids	Mirzaie A., Saadati A., Hassanpour S., Hasanzadeh M., Siahi-Shadbad M., Jouyban A.	Siahi-Shadbad, M. mohammadreza.siahi@gmail.com	10.1039/c9ay01732a	Link
14	Solubility of sulfacetamide in (ethanol + water) mixtures: Measurement, correlation, thermodynamics, preferential solvation and volumetric contribution at saturation	Romdhani A., Martínez F., Almanza O.A., Peña M.A., Jouyban A., Acree W.E., Jr.	Martínez, F. fmartinezr@unal.edu.co	10.1016/j.molliq.2019.111219	Link
15	The solubility of bosentan in aqueous-2-propanol mixtures at several temperatures, measurement and data correlation	Barzegar-Jalali M., Mirheydari S.N., Shekaari H., Martinez F., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1080/00319104.2018.1499911	Link
16	Measurement and modelling of solubility data for bosentan in 1-propanol + water mixtures at various temperatures	Barzegar-Jalali M., Mirheydari S.N., Rahimpour E., Shekaari H., Martinez F., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1080/00319104.2018.1509972	Link
17	Equilibrium solubility and apparent specific volume of lidocaine.HCl.H ₂ O in some {cosolvent (1) + water (2)} mixtures at 298.2 K	Echeverry L.C., Muñoz M.M., Tinjacá D.A., Martinez F., Peña M.A., Rahimpour E., Jouyban A., Acree W.E., Jr.	Martinez, F. fmartinezr@unal.edu.co	10.1080/00319104.2018.1510931	Link
18	Recent advances on the biosensing and bioimaging based on polymer dots as advanced nanomaterial: Analytical approaches	Solhi E., Hasanzadeh M.	Hasanzadeh, M. hasanzadehm@tbzmed.ac.ir	10.1016/j.trac.2019.06.010	Link
19	Cell intrinsic hallmarks (Frequency and Bioelectrical potential) sensitive nano-carriers for cancer therapy: A lost option in research	Jafari M., Hasanzadeh M.	Hasanzadeh, M. hasanzadehm@tbzmed.ac.ir	10.1016/j.biopha.2019.109081	Link
20	Cetyltrimethyl ammonium bromide modified gold nanostructure supported by chitosan as a novel scaffold for immobilization of DNA and ultra-sensitive bioassay of Legionella pneumophila	Mobed A., Hasanzadeh M., Babaie P., Aghazadeh M., Mokhtarzadeh A., Rezaee M.A.	Hasanzadeh, M. hasanzadehm@tbzmed.ac.ir	10.1016/j.microc.2019.05.061	Link
21	Dispersive liquid–liquid microextraction based on solidification of deep eutectic solvent droplets for analysis of pesticides in farmer urine and plasma by gas chromatography–mass spectrometry	Jouyban A., Farajzadeh M.A., Afshar Mogaddam M.R.	Afshar Mogaddam, M.R. mr.afsharmogaddam@yahoo.com	10.1016/j.jchromb.2019.06.004	Link
22	Solubilization of naproxen: Experimental data and computational tools	Mohammadian E., Jouyban A., Barzegar-Jalali M., Acree W.E., Jr., Rahimpour E.	Rahimpour, E. Rahimpour_e@yahoo.com	10.1016/j.molliq.2019.110985	Link
23	Determination of aflatoxin M1 using an aptamer-based	Kordasht H.K., Moosavy M.-	Moosavy, M.-H.	10.1039/c9ay01118	Link

	biosensor immobilized on the surface of dendritic fibrous nano-silica functionalized by amine groups	H., Hasanzadeh M., Soleymani J., Mokhtarzadeh A.	mhmoosavy@gmail.com	5d	
24	Experimental determination and correlation of lamotrigine solubility in aqueous mixtures of 1-octyl-3-methylimidazolium bromide ionic liquid at various temperatures	Mirheydari S.N., Barzegar-Jalali M., Shekaari H., Martinez F., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1016/j.jct.2019.03.024	Link
25	Comparison of the Models for Correlation of Drug Solubility in Ethanol + Water Binary Mixtures	Mirheydari S.N., Barzegar-Jalali M., Acree W.E., Jr., Shekaari H., Shayanfar A., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1007/s10953-019-00897-9	Link
26	Bio-assay: The best alternative for conventional methods in detection of epidermal growth factor	Karimzadeh A., Hasanzadeh M., Shadjou N.	Hasanzadeh, M. hasanzadehm@tbzmed.ac.ir	10.1016/j.ijbiomac.2019.04.121	Link
27	Analysis of Endocrine-Disrupting Compounds from Cheese Samples Using Pressurized Liquid Extraction Combined with Dispersive Liquid-Liquid Microextraction Followed by High-Performance Liquid Chromatography	Pil-Bala B., Khandaghi J., Afshar Mogaddam M.R.	Khandaghi, J. Jalil.khandaghi@gmail.com	10.1007/s12161-019-01487-7	Link
28	Colorimetric determination of phenytoin using indoxyl sulfate capped silver nanoparticles	Khoubnasabjafari M., Salari R., Samadi A., Jouyban-Gharamaleki V., Jouyban A.	Samadi, A. Samadi_azam@yahoo.com	10.1039/c9ay01036j	Link
29	Solution thermodynamics and preferential solvation of hesperidin in aqueous cosolvent mixtures of ethanol, isopropanol, propylene glycol, and n-propanol	Jouyban A., Martinez F.	Martinez, F. fmartinezr@unal.edu.co	10.1080/00319104.2018.1480022	Link
30	Experimental determination and correlation of bosentan solubility in (PEG 200 + water) mixtures at T= (293.15–313.15) K	Barzegar-Jalali M., Mirheydari S.N., Rahimpour E., Shekaari H., Martinez F., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1080/00319104.2018.1491574	Link
31	In-situ microscale spectrophotometric determination of phenytoin by using branched gold nanoparticles	Khoubnasabjafari M., Samadi A., Jouyban A.	Samadi, A. Samadi_azam@yahoo.com	10.1007/s00604-019-3546-y	Link
32	An innovative nucleic acid based biosensor toward detection of Legionella pneumophila using DNA immobilization and hybridization: A novel genosensor	Mobed A., Hasanzadeh M., Hassanpour S., Saadati A., Agazadeh M., Mokhtarzadeh A.	Hasanzadeh, M. hasanzadehm@tbzmed.ac.ir	10.1016/j.microc.2019.05.027	Link
33	Immunosensing of breast cancer tumor protein CA 15-3 (carbohydrate antigen 15.3) using a novel nano-bioink: A new platform for screening of proteins in human biofluids by pen-on-paper technology	Saadati A., Hassanpour S., Hasanzadeh M., Shadjou N., Hassanzadeh A.	Hasanzadeh, M. hasanzadehm@tbzmed.ac.ir	10.1016/j.ijbiomac.2019.03.170	Link
34	Advanced nanomaterials towards biosensing of insulin: Analytical approaches	Shafiei-Irannejad V., Soleymani J., Azizi S., KhoubnasabJafari M., Jouyban A., Hasanzadeh M.	Hasanzadeh, M. hasanzadehm@tbzmed.ac.ir	10.1016/j.trac.2019.04.020	Link
35	Effects of N-methylpyrrolidone and temperature on phenytoin solubility	Khajir S., Shayanfar A., Acree W.E., Jr., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1016/j.molliq.2019.04.049	Link
36	Experimental Solubility and Density Functional Theory Studies of Deferasirox in Binary Solvent Mixtures: Performance of Polarizable Continuum Model and Jouyban-Acree Model	Fathi Azarbayjani A., Aliasgharlou N., Khoshbakht S., Ghanbarpour P., Rahimpour E., Barzegar-Jalali M., Jouyban A.	Fathi Azarbayjani, A. anahita@alumni.nus.edu.sg	10.1021/acs.jced.8b01001	Link
37	Sensitive detection of Trifluralin in untreated human plasma samples using reduced graphene oxide modified by polyethylene imine and silver nanoparticles: A new platform on the analysis of pesticides and chemical injuries	Jafari M., Hasanzadeh M., Karimian R., Shadjou N.	Hasanzadeh, M. hasanzadehm@tbzmed.ac.ir	10.1016/j.microc.2019.03.092	Link
38	The effect of 1-hexyl-3-methylimidazolium bromide ionic liquid as a co-solvent on the aqueous solubility of lamotrigine at T = (293.2–313.2) K	Barzegar-Jalali M., Jouyban A., Shekaari H., Martinez F., Mirheydari S.N.	Mirheydari, S.N. mirheydari_n@yahoo.com	10.1016/j.jct.2019.02.013	Link
39	A multilayer hollow nanocarrier for pulmonary co-drug delivery of methotrexate and doxorubicin in the form of dry powder inhalation formulation	Nozohouri S., Salehi R., Ghanbarzadeh S., Adibkia K., Hamishehkar H.	Hamishehkar, H. hamishehkarh@tbzmed.ac.ir	10.1016/j.msec.2019.02.009	Link
40	A new hypothesis to investigate bioequivalence of pharmaceutical inhalation products	Khoubnasabjafari M., Rahimpour E., Samini M., Jouyban-Gharamaleki V., Chen L., Chen D., Chan H.-K., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1007/s40199-019-00250-x	Link
41	Solubility of bosentan in {propylene glycol + water} mixtures at various temperatures: experimental data and mathematical modelling	Babaei M., Shayanfar A., Rahimpour E., Barzegar-Jalali M., Martinez F., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1080/00319104.2018.1461872	Link
42	Development of terbium-sensitized fluorescence method for the determination of alendronate in biological samples followed by magnetic solid-phase extraction	Niaei N., Samadi A., Hamishehkar H., Ghorbani M.	Ghorbani, M. Ghorbani.marjan65@yahoo.com	10.1016/j.microc.2019.01.076	Link
43	Physicochemical and pharmacological evaluation of carvediloleudragit® RS100 electrosprayed nanostructures	Selselehjonban S., Garjani A., Osouli-Bostanabad K., Tanhaei A., Emami S., Adibkia K., Barzegar-Jalali M.	Adibkia, K. adibkia@tbzmed.ac.ir	10.22038/ijbms.2019.34246.8139	Link
44	The effect of surfactant and polymer on solution stability and solubility of tadalafil-methylparaben cocrystal	Alvani A., Jouyban A., Shayanfar A.	Shayanfar, A. shayanfara@tbzmed.ac.ir	10.1016/j.molliq.2019.02.080	Link
45	Monitoring of five benzodiazepines using a novel polymeric interface prepared by layer by layer strategy	Ashrafi H., Mobed A., Hasanzadeh M., Babaie P., Ansarin K., Jouyban A.	Hasanzadeh, M. hasanzadehm@tbzmed.ac.ir	10.1016/j.microc.2018.12.064	Link

46	DNA-based bioassay of legionella pneumonia pathogen using gold nanostructure: A new platform for diagnosis of legionellosis	Mobed A., Hasanzadeh M., Babaie P., Agazadeh M., Mokhtarzadeh A., Rezaee M.A.	Hasanzadeh, M. hasanzadehm@tbzmed.ac.ir	10.1016/j.ijbiomac.2019.01.125	Link
47	Highly sensitive and specific cytosensing of HT 29 colorectal cancer cells using folic acid functionalized-KCC-1 nanoparticles	Soleymani J., Hasanzadeh M., Somi M.H., Shadjou N., Jouyban A.	Hasanzadeh, M. hasanzadehm@tbzmed.ac.ir	10.1016/j.bios.2019.02.052	Link
48	A novel paper based immunoassay of breast cancer specific carbohydrate (CA 15.3) using silver nanoparticles-reduced graphene oxide nano-ink technology: A new platform to construction of microfluidic paper-based analytical devices (μ PADs) towards biomedical analysis	Hassanpour S., Hasanzadeh M., Saadati A., Shadjou N., Soleymani J., Jouyban A.	Hasanzadeh, M. hasanzadehm@tbzmed.ac.ir	10.1016/j.microc.2019.01.018	Link
49	Efficiency comparison of nylon-61-based solid-phase and stir bar sorptive extractors for carbamazepine extraction	Alvani-Alamdari S., Jouyban A., Khoubnasabjafari M., Nokhodchi A., Rahimpour E.	Rahimpour, E. Rahimpour_e@yahoo.com	10.4155/bio-2018-0321	Link
50	Solubility of ketoconazole in N-methyl-2-pyrrolidone + water mixtures at T = (293.2 to 313.2) K	Hatefi A., Rahimpour E., Ghafourian T., Martinez F., Barzegar-Jalali M., Jouyban A.	Jouyban, A. jouyban@tbzmed.ac.ir	10.1016/j.molliq.2019.02.038	Link
51	Experimental and computational approaches for measuring minoxidil solubility in propylene glycol + water mixtures at different temperatures	Pirhayati F.H., Mirzaeei S., Rahimpour E., Mohammadi G., Martinez F., Taghe S., Jouyban A.	Jouyban, A. Jouyban@yahoo.com	10.1016/j.molliq.2019.01.120	Link
52	Density, Speed of Sound, and Viscosity of Diethylene Glycol Monoethyl Ether + N, N-Dimethylformamide (Ethanol, Water) at T = 288.15-318.15 K	Mirheydari S.N., Barzegar-Jalali M., Golmohamadi B., Shekaari H., Martinez F., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1021/acs.jced.8b01012	Link
53	Ultrasensitive bioassay of epitope of Mucin-16 protein (CA 125) in human plasma samples using a novel immunoassay based on silver conductive nano-ink: A new platform in early stage diagnosis of ovarian cancer and efficient management	Jafari M., Hasanzadeh M., Solhi E., Hassanpour S., Shadjou N., Mokhtarzadeh A., Jouyban A., Mahboob S.	Hasanzadeh, M. hasanzadehm@tbzmed.ac.ir	10.1016/j.ijbiomac.2019.01.009	Link
54	Development of deep eutectic solvent based solidification of organic droplets-liquid phase microextraction; Application to determination of some pesticides in farmers saliva and exhaled breath condensate samples	Jouyban A., Farajzadeh M.A., Khoubnasabjafari M., Jouyban-Gharamaleki V., Afshar Mogaddam M.R.	Afshar Mogaddam, M.R. mr.afsharmogaddam@yahoo.com	10.1039/c8ay02279h	Link
55	Solubility of lamotrigine in 2-propanol + water mixtures at T = (293.2 to 313.2) K	Rezaei H., Jouyban A., Barzegar-Jalali M., Martinez F., Rahimpour E.	Rahimpour, E. Rahimpour_e@yahoo.com	10.1016/j.molliq.2019.01.082	Link
56	Effects of fermentable high fiber diet supplementation on gut derived and conventional nitrogenous product in patients on maintenance hemodialysis: A randomized controlled trial	Khosroshahi H.T., Abedi B., Ghojzadeh M., Samadi A., Jouyban A.	Khosroshahi, H.T. drtayebikh@yahoo.com	10.1186/s12986-019-0343-x	Link
57	Equilibrium solubility, preferential solvation and apparent specific volume of sucrose in some {cosolvent (1) + water (2)} mixtures at 298.2 K	Tinjacá D.A., Muñoz M.M., Jouyban A., Martínez F., Acree W.E.	Martínez, F. fmartinezr@unal.edu.co	10.1080/00319104.2018.1439028	Link
58	Dispersive liquid-liquid micro-extraction technique for the pre-concentration and quantification of vitamin D3 in milk and yogurt samples using a non-aqueous HPLC method	Ghalebi M., Tamizi E., Ahmadi S., Sheikhlou A., Nemati M.	Nemati, M. nematim@tbzmed.ac.ir	10.22037/ijpr.2019.1100634	Link
59	Application of bioactive cyclic oligosaccharide on the detection of doxorubicin hydrochloride in unprocessed human plasma sample: A new platform towards efficient chemotherapy	Alizadeh P.M., Hasanzadeh M., Soleymani J., Gharamaleki J.V., Jouyban A.	Hasanzadeh, M. hasanzadehm@tbzmed.ac.ir	10.1016/j.microc.2018.11.012	Link
60	Direct writing of biocatalytic materials based on pens filled with high-tech enzymatic inks: "Do-it-Yourself"	Hassanpour S., Saadati A., Hasanzadeh M., Shadjou N., Mirzaie A., Jouyban A.	Hasanzadeh, M. hasanzadehm@tbzmed.ac.ir	10.1016/j.microc.2018.10.050	Link
61	Direct monitoring of verapamil level in exhaled breath condensate samples	Pourkarim F., Rahimpour E., Khoubnasabjafari M., Jouyban-Gharamaleki V., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.15171/PS.2019.8	Link
62	Determination of two antiepileptic drugs in urine by homogenous liquid-liquid extraction performed in a narrow tube combined with dispersive liquid-liquid microextraction followed by gas chromatography-flame ionization detection	Feriduni B., Farajzadeh M.A., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.22037/ijpr.2019.1100635	Link
63	Ultrasensitive immunoassay of breast cancer type 1 susceptibility protein (BRCA1) using poly (dopamine-beta cyclodextrine-Cetyl trimethylammonium bromide) doped with silver nanoparticles: A new platform in early stage diagnosis of breast cancer and efficient management	Hasanzadeh M., Feyziazar M., Solhi E., Mokhtarzadeh A., Soleymani J., Shadjou N., Jouyban A., Mahboob S.	Hasanzadeh, M. hasanzadehm@tbzmed.ac.ir	10.1016/j.microc.2018.11.029	Link
64	A single-shot diagnostic platform based on copper nanoclusters coated with cetyl trimethylammonium bromide for determination of carbamazepine in exhaled breath condensate	Hatefi A., Rahimpour E., Khoubnasabjafari M., Edalat M., Jouyban-Gharamaleki V., Alvani-Alamdari S., Nokhodchi A., Pournaghi-Azar M.H., Jouyban A.	Rahimpour, E. Rahimpour_e@yahoo.com	10.1007/s00604-019-3278-z	Link
65	Sensitive detection and determination of benzodiazepines using silver nanoparticles-N-GQDs ink modified electrode: A new platform for modern pharmaceutical analysis	Ashrafi H., Hassanpour S., Saadati A., Hasanzadeh M., Ansarin K., Ozkan S.A., Shadjou N., Jouyban A.	Hasanzadeh, M. hasanzadehm@tbzmed.ac.ir	10.1016/j.microc.2018.12.017	Link
66	Solubility prediction of lamotrigine in cosolvency systems using Abraham and Hansen solvation parameters	Mohammadian E., Barzegar-Jalali M., Rahimpour E.	Rahimpour, E. Rahimpour_e@yahoo.com	10.1016/j.molliq.2018.12.043	Link
67	Cross-linked chitosan/thiolated graphene quantum dots as a	Mirzaie A., Hasanzadeh M.,	Hasanzadeh, M.	10.1016/j.ijbiomac.	Link

	biocompatible polysaccharide towards aptamer immobilization	Jouyban A.	hasanzadehm@tbzmed.ac.ir	2018.11.139	
68	A microscale spectrophotometric method for quantification of doxorubicin in exhaled breath condensate	Jouyban A., Samadi A., Jouyban-Gharamaleki V., Khoubnasabjafari M.	Samadi, A. Samadi_azam@yahoo.com	10.1039/c8ay02286k	Link
69	Non-invasive quantification of malondialdehyde biomarker in human exhaled breath condensate using self-assembled organic-inorganic nanohybrid: A new platform for early diagnosis of lung disease	Jafari M., Solhi E., Tagi S., Hasanzadeh M., Jouyban-Gharamaleki V., Jouyban A., Shadjou N.	Hasanzadeh, M. hasanzadehm@tbzmed.ac.ir	10.1016/j.jpba.2018.10.048	Link
70	Smart systems for determination of drug's solubility	Jouyban-Gharamaleki V., Jouyban A., Acree W.E., Rahimpour E.	Rahimpour, E. rahimpour_e@yahoo.com	10.1080/03639045.2018.1529786	Link
71	Solubility and thermodynamics of lamotrigine in carbitol + water mixtures from T = (293.2 to 313.2) K	Barzegar-Jalali M., Rahimpour E., Martinez F., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1080/00986445.2018.1477765	Link
72	A Fast and Simple Method for Determination of Vitamin E in Infant Formula by Dispersive Liquid-Liquid Microextraction Combined with HPLC-UV	Sadrykia F., Shayanfar A., Valizadeh H., Nemati M.	Nemati, M. nematim@tbzmed.ac.ir	10.1007/s12161-018-1331-x	Link
73	Budesonide solubility in polyethylene glycol 400 + water at different temperatures: Experimental measurement and mathematical modelling	Mohammadian E., Rahimpour E., Martinez F., Jouyban A.	Jouyban, A. Jouyban@tbzmed.ac.ir	10.1016/j.molliq.2018.10.088	Link
74	Solubilization of naproxen using N-methyl-2-pyrrolidone or ethanol and β -cyclodextrin	Hosseini N., Hamidi S., Soleymani J., Jouyban A.	Jouyban, A. jouyban@tbzmed.ac.ir	10.1080/00319104.2017.1419474	Link
75	Solution thermodynamics and preferential solvation of triclocarban in {1,4-dioxane (1) + water (2)} mixtures at 298.15 K	Gaviria-Castillo A.C., Artunduaga-Tole J.D., Rodríguez-Rubiano J.D., Zuñiga-Andrade J.A., Delgado D.R., Jouyban A., Martínez F.	Martínez, F. fmartinezr@unal.edu.co	10.1080/00319104.2017.1416613	Link
76	Predicting protein binding of drugs using abraham parameters: Effect of ionization	Shayanfar S., Shayanfar A.	Shayanfar, A. shayanfara@tbzmed.ac.ir		Link
77	Derivatization of valproic acid using ferrocene derivatives: Synthesis, characterization and investigation of optical and electrochemical properties	Rahimpour K., Jouyban A., Teimuri-Mofrad R.	Rahimpour, K. k.rahimpour@tabrizu.ac.ir	10.1002/aoc.5007	Link
78	Spectrofluorimetric determination of atenolol and carvedilol in pharmaceutical preparations after optimization of parameters using response surface methodology	Tabrizi A.B., Yousefzadeh F.	Tabrizi, A.B. a.bavili@tbzmed.ac.ir	10.15171/PS.2019.30	Link
79	Image-based QSAR model for the prediction of p-gp inhibitory activity of epigallocatechin and gallic acid derivatives	Ghaemian P., Shayanfar A.	Shayanfar, A. shayanfara@tbzmed.ac.ir	10.2174/1573409914666181003152042	Link
80	Prediction of biopharmaceutical drug disposition classification system (BDDCS) by structural parameters	Golfar Y., Shayanfar A.	Shayanfar, A. shayanfara@tbzmed.ac.ir	10.18433/jpps30271	Link
81	Magnetic graphene oxide-based solid-phase extraction combined with dispersive liquid-liquid microextraction for the simultaneous preconcentration of four typical pesticide residues in fruit juice and pulp	Feriduni B., Mohebbi A., Farajzadeh M.A., Namvar M.	Feriduni, B. behruzferiduni@yahoo.com	10.1007/s12161-019-01635-z	Link
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84	Pivaloyl chloride as a new derivatization agent for parabens and its application in simultaneous derivatization and air-assisted liquid-liquid microextraction of the analytes in hygiene and personal care products	Farajzadeh M.A., Bakhshizadeh Aghdam M., Afshar Mogaddam M.R., Alizadeh Nabil A.A.	Farajzadeh, M.A. mafarajzadeh@yahoo.com	10.1007/s13738-019-01690-7	Link
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