

Row	Title	Authors	DOI	Link
1	The use of chitosan as a bioactive polysaccharide in non-invasive detection of malondialdehyde biomarker in human exhaled breath condensate: A new platform towards diagnosis of some lung disease	Hasanzadeh M., Babaie P., Jouyban-Gharamaleki V., Jouyban A.	10.1016/j.ijbiomac.2018.09.018	<a href="#">Link</a>
2	Ultrasensitive immunoassay of glycoprotein 125 (CA 125) in untreated human plasma samples using poly (CTAB-chitosan) doped with silver nanoparticles	Hasanzadeh M., Mohammadzadeh A., Jafari M., Habibi B.	10.1016/j.ijbiomac.2018.09.208	<a href="#">Link</a>
3	A novel DNA based bioassay toward ultrasensitive detection of Brucella using gold nanoparticles supported histidine: A new platform for the assay of bacteria in the cultured and human biofluids with and without polymerase chain reactions (PCR)	Hasanzadeh M., Babaie P., Mokhtarzadeh A., Hajizadeh N., Mahboob S.	10.1016/j.ijbiomac.2018.08.092	<a href="#">Link</a>
4	Ultrasensitive immunoassay of tumor protein CA 15.3 in MCF-7 breast cancer cell lysates and unprocessed human plasma using gold nanoparticles doped on the structure of mesoporous silica	Hasanzadeh M., Solhi E., Jafari M., Mokhtarzadeh A., Soleymani J., Jouyban A., Mahboob S.	10.1016/j.ijbiomac.2018.09.020	<a href="#">Link</a>
5	Application of chitosan as biocompatible polysaccharide in quantification of some benzodiazepines affecting sleep disorders: A new platform for preparation of bioactive scaffolds	Ashrafi H., Hasanzadeh M., Ansarin K., Ozkan S.A., Jouyban A.	10.1016/j.ijbiomac.2018.09.017	<a href="#">Link</a>
6	Probing the antigen-antibody interaction towards ultrasensitive recognition of cancer biomarker in adenocarcinoma cell lysates using layer-by-layer assembled silver nano-cubics with porous structure on cysteamine capped GQDs	Hasanzadeh M., Rahimi S., Solhi E., Mokhtarzadeh A., Shadjou N., Soleymani J., Mahboob S.	10.1016/j.microc.2018.08.028	<a href="#">Link</a>
7	Magnetic graphene quantum dots as a functional nanomaterial towards voltammetric detection of L-tryptophan at physiological pH	Hasanzadeh M., Karimzadeh A., Shadjou N.	10.22052/JNS.2018.01.003	<a href="#">Link</a>
8	Electrochemical recognition of taurine biomarker in unprocessed human plasma samples using silver nanoparticlebased nanocomposite: A new platform for early stage diagnosis of neurodegenerative diseases of the nervous system	Hasanzadeh M., Javidi E., Jouyban A., Mokhtarzadeh A., Shadjou N., Mahboob S.	10.1002/jmr.2739	<a href="#">Link</a>
9	Diagnosis of hepatitis via nanomaterial-based electrochemical, optical or piezoelectrical biosensors: a review on recent advancements	Hassanpour S., Baradaran B., de la Guardia M., Baghbanzadeh A., Mosafer J., Hejazi M., Mokhtarzadeh A., Hasanzadeh M.	10.1007/s00604-018-3088-8	<a href="#">Link</a>
10	Enthalpy-entropy compensation analysis of the triclocarban dissolution process in some {1,4-dioxane (1) + water (2)} mixtures	Delgado D.R., Mogollon-Waltero E.M., Ortiz C.P., Peña M.Á., Almanza O.A., Martínez F., Jouyban A.	10.1016/j.molliq.2018.09.026	<a href="#">Link</a>
11	Solubility of budesonide in {ethanol + water} mixtures from T = (293.2 to 313.2) K: Experimental measurement and mathematical modelling	Mohammadian E., Rahimpour E., Martínez F., Jouyban A.	10.1080/00319104.2017.1385076	<a href="#">Link</a>
12	Determination and mathematical modelling of budesonide solubility in N-methyl-2-pyrrolidone + water mixtures from T = 293.2 to 313.2 K	Barzegar-Jalali M., Rahimpour E., Martínez F., Jouyban A.	10.1080/00319104.2017.1408109	<a href="#">Link</a>
13	Further calculations on solubility of dipyrone in some binary solvent mixtures at various temperatures	Jouyban A., Martínez F., Acree W.E., Jr.	10.1080/00319104.2017.1399269	<a href="#">Link</a>
14	Combination of Vortex-Assisted Liquid-Liquid Extraction and Air-Assisted Liquid-Liquid Microextraction for the Extraction of Bisphenol A and Bisphenol B in Canned Doogh Samples	Amini R., Khandaghi J., Mogaddam M.R.A.	10.1007/s12161-018-1260-8	<a href="#">Link</a>
15	Optical bio(sensing) using nitrogen doped graphene quantum dots: Recent advances and future challenges	Karimzadeh A., Hasanzadeh M., Shadjou N., Guardia M.D.L.	10.1016/j.trac.2018.08.012	<a href="#">Link</a>
16	A global version of modified Wilson model for solubility prediction of drugs in methanol + water mixtures	Barzegar-Jalali M., Rahimpour E., Acree W.E., Jr, Jouyban A.	10.1016/j.molliq.2018.08.033	<a href="#">Link</a>
17	Ultrasensitive immunoassay of carcinoma antigen 125 in untreated human plasma samples using gold nanoparticles with flower like morphology: A new platform in early stage diagnosis of ovarian cancer and efficient management	Hasanzadeh M., Sahmani R., Solhi E., Mokhtarzadeh A., Shadjou N., Mahboob S.	10.1016/j.ijbiomac.2018.08.008	<a href="#">Link</a>
18	Simultaneous determination of valproic acid and its main metabolite in human plasma using a small scale dispersive liquid-liquid microextraction followed by gas chromatography-flame ionization detection	Feriduni B., Farajzadeh M.A., Barzegar M., Sadeghvand S., Khoubnasabjafari M., Jouyban A.	10.1007/s13738-018-1438-4	<a href="#">Link</a>
19	Budesonide solubility in some non-aqueous mono-solvents at different temperatures: Measurements and mathematical correlation with Abraham model	Barzegar-Jalali M., Jouyban A., Mohammadian E., Martínez F., Rahimpour E.	10.1016/j.molliq.2018.08.080	<a href="#">Link</a>
20	Immunosensing of breast cancer prognostic marker in adenocarcinoma cell lysates and unprocessed human plasma samples using gold nanostructure coated on organic substrate	Hasanzadeh M., Tagi S., Solhi E., Shadjou N., Jouyban A., Mokhtarzadeh A.	10.1016/j.ijbiomac.2018.06.091	<a href="#">Link</a>
21	Solubilization of drugs using sodium lauryl sulfate: Experimental data and modeling	Alizadeh M.N., Shayanfar A., Jouyban A.	10.1016/j.molliq.2018.07.065	<a href="#">Link</a>
22	Targeting and sensing of some cancer cells using folate bioreceptor functionalized nitrogen-doped graphene quantum dots	Soleymani J., Hasanzadeh M., Somi M.H., Ozkan S.A., Jouyban A.	10.1016/j.ijbiomac.2018.06.183	<a href="#">Link</a>
23	Solubility of naproxen in ternary mixtures of {ethanol + propylene glycol + water} at various temperatures: Data correlation and thermodynamic analysis	Asghar S.Z., Jouyban A., Martínez F., Rahimpour E.	10.1016/j.molliq.2018.07.082	<a href="#">Link</a>
24	Nanomaterials based optical biosensing of hepatitis: Recent analytical advancements	Soleymani J., Hasanzadeh M., Somi M.H., Jouyban A.	10.1016/j.trac.2018.08.005	<a href="#">Link</a>
25	Peptide based biosensors	Karimzadeh A., Hasanzadeh M.,	10.1016/j.trac.	<a href="#">Link</a>

		Shadjou N., Guardia M.D.L.	2018.07.018	
26	Non-volatile compounds in exhaled breath condensate: review of methodological aspects	Rahimpour E., Khoubnasabjafari M., Jouyban-Gharamaleki V., Jouyban A.	10.1007/s00216-018-1259-4	<a href="#">Link</a>
27	Probing the specific binding of folic acid to folate receptor using amino-functionalized mesoporous silica nanoparticles for differentiation of MCF 7 tumoral cells from MCF 10A	Soleymani J., Hasanzadeh M., Somi M.H., Shadjou N., Jouyban A.	10.1016/j.bios.2018.05.025	<a href="#">Link</a>
28	Deferiprone solubility in some non-aqueous mono-solvents at different temperatures: experimental data and thermodynamic modelling	Jouyban A., Abbasi M., Rahimpour E., Barzegar-Jalali M., Vaez-Gharamaleki J.	10.1080/00319104.2017.1368079	<a href="#">Link</a>
29	Preferential solvation of some antiepileptic drugs in {cosolvent (1) + water (2)} mixtures at 298.15 K	Tinjacá D.A., Shayanfar A., Jouyban A., Martínez F., Acree W.E., Jr.	10.1080/00319104.2017.1376060	<a href="#">Link</a>
30	Development of Salt-Induced Homogenous Liquid-Liquid Microextraction Based on iso-Propanol/Sodium Sulfate System for Extraction of Some Pesticides in Fruit Juices	Farajzadeh M.A., Mohebbi A., Mogaddam M.R.A., Davaran M., Norouzi M.	10.1007/s12161-018-1238-6	<a href="#">Link</a>
31	Aptamer-based assay for monitoring genetic disorder phenylketonuria (PKU)	Hasanzadeh M., Zargami A., Baghban H.N., Mokhtarzadeh A., Shadjou N., Mahboob S.	10.1016/j.ijbiomac.2018.05.028	<a href="#">Link</a>
32	Generally trained models to predict drug solubility in methanol + water mixtures	Barzegar-Jalali M., Rahimpour E., Martinez F., Jouyban A.	10.1016/j.molliq.2018.05.084	<a href="#">Link</a>
33	Recent advances on aptamer-based biosensors to detection of platelet-derived growth factor	Razmi N., Baradaran B., Hejazi M., Hasanzadeh M., Mosafer J., Mokhtarzadeh A., de la Guardia M.	10.1016/j.bios.2018.04.048	<a href="#">Link</a>
34	Molecular interaction of some cardiovascular drugs with human serum albumin at physiological-like conditions: A new approach	Niaei N., Hasanzadeh M., Shadjou N.	10.1002/jmr.2715	<a href="#">Link</a>
35	Electrochemical biosensing using N-GQDs: Recent advances in analytical approach	Karimzadeh A., Hasanzadeh M., Shadjou N., Guardia M.D.L.	10.1016/j.trac.2018.06.009	<a href="#">Link</a>
36	Simultaneous derivatization and lighter-than-water air-assisted liquid-liquid microextraction using a homemade device for the extraction and preconcentration of some parabens in different samples	Farajzadeh M.A., Bakhshizadeh Aghdam M., Afshar Mogaddam M.R., Alizadeh Nabil A.A.	10.1002/jssc.201701022	<a href="#">Link</a>
37	Electrochemical monitoring of malondialdehyde biomarker in biological samples via electropolymerized amino acid/chitosan nanocomposite	Hasanzadeh M., Mokhtari F., Jouyban-Gharamaleki V., Mokhtarzadeh A., Shadjou N.	10.1002/jmr.2717	<a href="#">Link</a>
38	Viscosity prediction of ionic liquid + molecular solvent mixtures at various temperatures	Mirheydari S.N., Soleymani J., Jouyban-Gharamaleki V., Barzegar-Jalali M., Jouyban A., Shekaari H.	10.1016/j.molliq.2018.04.113	<a href="#">Link</a>
39	An innovative immunosensor for ultrasensitive detection of breast cancer specific carbohydrate (CA 15-3) in unprocessed human plasma and MCF-7 breast cancer cell lysates using gold nanoparticle electrochemically assembled onto thiolated graphene quantum dots	Hasanzadeh M., Tagi S., Solhi E., Mokhtarzadeh A., Shadjou N., Eftekhari A., Mahboob S.	10.1016/j.ijbiomac.2018.03.183	<a href="#">Link</a>
40	Solubility of sildenafil citrate in propylene glycol + water mixtures at various temperatures	Pirhayati F.H., Shayanfar A., Rahimpour E., Barzegar-Jalali M., Martinez F., Jouyban A.	10.1080/00319104.2017.1354376	<a href="#">Link</a>
41	Solubility and preferential solvation of benzocaine in {methanol (1) + water (2)} mixtures at 298.15 K	Cárdenas Z.J., Jiménez D.M., Almanza O.A., Jouyban A., Martínez F., Acree W.E.	10.1080/00319104.2017.1346651	<a href="#">Link</a>
42	Comment on "measurement and Correlation of the Solubility of 2,6-Dihydroxybenzoic Acid in Alcohols and Binary Solvents"	Rahimpour E., Jouyban A., Acree W.E.	10.1021/acs.jced.8b00092	<a href="#">link</a>
43	An innovative nanosorbent based on ZnO@Ag2O@Fe3O4 nanocomposite- for extraction and preconcentration of Cd(II) ions from water samples	Abdolmohammad-Zadeh H., Rahimpour E., Bahramzadeh S.	10.22036/abcr.2018.125442.1197	<a href="#">Link</a>
44	Avoid using spectrophotometric determination of malondialdehyde as a biomarker of oxidative stress	Khoubnasabjafari M., Soleymani J., Jouyban A.	10.2217/bmm-2017-0437	<a href="#">Link</a>
45	Electrochemical monitoring of aflatoxin M1 in milk samples using silver nanoparticles dispersed on $\alpha$ -cyclodextrin-GQDs nanocomposite	Shadjou R., Hasanzadeh M., Heidarpour M., Shadjou N.	10.1002/jmr.2699	<a href="#">Link</a>

46	Facile and accelerated method for detection of adulteration in commercially available lime juice products in Iranian market	Khodadadi A., Nemati M., Tamizi E., Nazemiyeh H.	10.15171/PS.2018.22	<a href="#">Link</a>
47	Graphene Quantum Dots Incorporated into $\beta$ -cyclodextrin: a Novel Polymeric Nanocomposite for Non-Enzymatic Sensing of L-Tyrosine at Physiological pH	Shadjou N., Hasanzadeh M., Talebi F.	10.1134/S1061934818060096	<a href="#">Link</a>
48	Solubility and apparent specific volume of sucrose in some aqueous polyethylene glycol mixtures at 298.2 K	Tinjaca D.A., Muñoz M.M., Rahimpour E., Jouyban A., Martínez F., Acree W.E.	10.15171/PS.2018.24	<a href="#">Link</a>
49	Study of some volumetric and refractive properties of {PEG 300 (1) + ethanol (2)} mixtures at several temperatures	Muñoz M.M., Tinjacá D.A., Jouyban A., Martínez F., Acree W.E.	10.1080/00319104.2017.1346098	<a href="#">Link</a>
50	Pre-concentration and quantification of aluminum in fish samples using a dispersive liquid-liquid micro-extraction-spectrofluorimetric method based on Al(III)-8-hydroxyquinoline complex's fluorescence properties	Tamizi E., Panahi-Azar V., Jouyban A.	10.1007/s13738-018-1305-3	<a href="#">Link</a>
51	Nanosized hydrophobic gels: Advanced supramolecules for use in electrochemical bio- and immunosensing	Hasanzadeh M., Shadjou N., de la Guardia M.	10.1016/j.trac.2018.02.011	<a href="#">Link</a>
52	Mathematical derivation of the Jouyban-Acree model to represent solute solubility data in mixed solvents at various temperatures	Jouyban A., Acree W.E., Jr	10.1016/j.molliq.2018.01.171	<a href="#">Link</a>
53	Measurement and correlation of clotrimazole solubility in ethanol + water mixtures at T = (293.2 to 313.2) K	Saadatfar F., Shayanfar A., Rahimpour E., Barzegar-Jalali M., Martínez F., Bolourtchian M., Jouyban A.	10.1016/j.molliq.2018.02.068	<a href="#">Link</a>
54	Comments concerning 'Meta-analysis of the association between vitiligo and the level of superoxide dismutase or malondialdehyde'	Jouyban A., Khoubnasabjafari M.	10.1111/ced.13320	<a href="#">Link</a>
55	Generally trained models to predict drug solubility in N-methyl-2-pyrrolidone + water mixtures at various temperatures	Rahimpour E., Barzegar-Jalali M., Shayanfar A., Jouyban A.	10.1016/j.molliq.2018.01.043	<a href="#">Link</a>
56	Solubility of celecoxib in {2-propanol (1) + water (2)} mixtures at various temperatures: Experimental data and thermodynamic analysis	Jouyban A., Nozohouri S., Martínez F.	10.1016/j.molliq.2018.01.033	<a href="#">Link</a>
57	Development of a new temperature-controlled liquid phase microextraction using deep eutectic solvent for extraction and preconcentration of diazinon, metalaxyl, bromopropylate, oxadiazon, and fenazaquin pesticides from fruit juice and vegetable samples followed by gas chromatography-flame ionization detection	Farajzadeh M.A., Shahedi Hojghan A., Afshar Mogaddam M.R.	10.1016/j.jfca.2017.12.007	<a href="#">Link</a>
58	Microextraction of furosemide from human serum and its fluorimetric determination	Reza zadeh A., Amjadi M., Manzoori J.L., Ghaffari A., Jouyban A.	10.15171/PS.2018.11	<a href="#">Link</a>
59	Aptamer based assay of plated-derived grow factor in unprocessed human plasma sample and MCF-7 breast cancer cell lysates using gold nanoparticle supported $\alpha$ -cyclodextrin	Hasanzadeh M., Razmi N., Mokhtarzadeh A., Shadjou N., Mahboob S.	10.1016/j.ijbiomac.2017.11.149	<a href="#">Link</a>
60	Solubility of Etoricoxib in Aqueous Solutions of Glycerin, Methanol, Polyethylene Glycols 200, 400, 600, and Propylene Glycol at 298.2 K	Rathi P.B., Kale M., Soleymani J., Jouyban A.	10.1021/acs.jced.7b00709	<a href="#">Link</a>
61	Cytosensing of cancer cells using antibody-based molecular imprinting: A short-review	Hasanzadeh M., Shadjou N., de la Guardia M.	10.1016/j.trac.2017.12.010	<a href="#">Link</a>
62	Electropolymerization of proline supported beta cyclodextrin inside amino functionalized magnetic mesoporous silica nanomaterial: One step preparation, characterization and electrochemical application	Hasanzadeh M., Hassanpour S., Saadati Nahr A., Shadjou N., Mokhtarzadeh A., Mahboob S.		<a href="#">Link</a>
63	Volumetric properties of {PEG 200 (or 300) (1) + water (2)} mixtures at several temperatures and correlation with the Jouyban-Acree model	Muñoz M.M., Tinjacá D.A., Jouyban A., Martínez F., Acree W.E., Jr.	10.1080/00319104.2017.1303700	<a href="#">Link</a>
64	Solubility and preferential solvation of phenacetin in methanol + water mixtures at 298.15 K	Cárdenas Z.J., Almanza O.A., Jouyban A., Martínez F., Acree W.E., Jr.	10.1080/00319104.2016.1233185	<a href="#">Link</a>
65	Effect of choline chloride/ethylene glycol or glycerol as deep eutectic solvents on the solubility and thermodynamic properties of acetaminophen	Shekaari H., Zafarani-Moattar M.T., Shayanfar A., Mokhtarpour M.	10.1016/j.molliq.2017.11.057	<a href="#">Link</a>
66	Comments on "Malondialdehyde: A novel predictive biomarker for post-stroke depression"	Jouyban A., Khoubnasabjafari M.	10.1016/j.jad.2017.07.050	<a href="#">Link</a>
67	Ionic Liquid Forms of Carvedilol: Preparation, Characterization, and Solubility Studies	Shayanfar S., Shayanfar A.	10.1007/s12247-018-9361-x	<a href="#">Link</a>

68	Are LOD and LOQ reliable parameters for sensitivity evaluation of spectroscopic methods?	Ershadi S., Shayanfar A.	10.5740/jaoacint.17-0363	<a href="#">Link</a>
69	Exhaled breath condensate as an alternative sample for drug monitoring	Khoubnasabjafari M., Rahimpour E., Jouyban A.	10.4155/bio-2017-0205	<a href="#">Link</a>
70	Non-enzymatic determination of L-proline amino acid in unprocessed human plasma sample using hybrid of graphene quantum dots decorated with gold nanoparticles and poly cysteine: A novel signal amplification strategy	Hasanzadeh M., Navay Baghban H., Shadjou N.	10.2116/analsci.34.355	<a href="#">Link</a>
71	Effects of amount of excess solid, the type of stirring and sedimentation time on solubility of sodium phenytoin and lamotrigine	Mohammadi S.M., Shayanfar A., Emami S., Jouyban A.	10.5599/admet.621	<a href="#">Link</a>
72	A sensitive determination of ammonia and nitrite in exhaled breath condensate of healthy humans by using Berthelot reaction	Sepehr B., Bavili-Tabrizi A., Jouyban-Gharamaleki V., Khoubnasabjafari M., Jouyban A.	10.2174/15734129 13666170918162236	<a href="#">Link</a>
73	Liquid chromatographic determination of malondialdehyde in plasma samples after liquid-liquid microextraction	Azizi S., Soleymani J., Khoubnasabjafari M., Samadi A., Jouyban A.	10.2174/15734110 13666170703162443	<a href="#">Link</a>
74	A lighter-than-water deep eutectic-solvent-based dispersive liquid-phase microextraction method in a U-shaped homemade device	Jouyban A., Farajzadeh M.A., Afshar Mogaddam M.R.	10.1039/c8nj00597d	<a href="#">Link</a>
75	Gas chromatographic analysis of sodium valproate in plasma and urine after air assisted liquid-liquid microextraction	Abbaspour M., Farajzadeh M.A., Khoubnasabjafari M., Haririan S., Jouyban A.		<a href="#">Link</a>
76	Development of a micellar electrokinetic chromatographic method with indirect UV detection for pregabalin determination in serum samples	Sargazi H.R., Tamizi E., Rahimpour E., Jouyban A.	10.15171/PS.2018.43	<a href="#">Link</a>
77	Development of salt and pH-induced solidified floating organic droplets homogeneous liquid-liquid microextraction for extraction of ten pyrethroid insecticides in fresh fruits and fruit juices followed by gas chromatography-mass spectrometry	Torbati M., Farajzadeh M.A., Torbati M., Nabil A.A.A., Mohebbi A., Afshar Mogaddam M.R.	10.1016/j.talanta. 2017.08.074	<a href="#">Link</a>
78	Study of some volumetric properties of {ethanol (1) + propylene glycol (2) + water (3)} mixtures at several temperatures	Muñoz M.M., Romdhani A., Martínez F., Jouyban A., Acree W.E.	10.1080/00319104. 2018.1550777	<a href="#">Link</a>
79	Apparent specific volumes of sucrose in different aqueous cosolvent mixtures at 298.2 K	Tinjacá D.A., Muñoz M.M., Martínez F., Jouyban A., Acree W.E., Jr.	10.15171/PS.2018.46	<a href="#">Link</a>
80	Solubility of celecoxib in 1-propanol + water mixtures at T= (293.2–313.2) K: experimental data and thermodynamic analysis	Mohammadian E., Rahimpour E., Barzegar-Jalali M., Dadmand S., Martinez F., Jouyban A.	10.1080/00319104. 2018.1553241	<a href="#">Link</a>
81	Determination of tricyclic antidepressants in human urine samples by the three-step sample pretreatment followed by hplc-uv analysis: An efficient analytical method for further pharmacokinetic and forensic studies	Mohebbi A., Farajzadeh M.A., Yaripour S., Mogaddam M.R.A.	10.17179/excli2018-1613	<a href="#">Link</a>