

Row	Title	Authors	Correspondence Address	DOI	Link
1	Synthesis, X-ray crystal structure and solubility of a new zinc–naproxen complex: Potentiometric and thermodynamic studies in methanol + water mixtures	Khandar A.A., Mirzaei-Kalar Z., White J., Hosseini-Yazdi S.A., Jouyban A.	Khandar, A.A. akhandar@yahoo.com	10.1016/j.molliq.2016.10.010	Link
2	Magnetic mesoporous silica: a novel nano-material towards electrochemical sensing	Hasanzadeh M., Shadjou N., Pournaghi-Azar M.H., Jouyban A.	Hasanzadeh, M. hasanzadehm@tbzmed.ac.ir	10.1007/s10832-016-0033-2	Link
3	Modeling the solubility and preferential solvation of gallic acid in cosolvent + water mixtures	Jouyban A., Acree W.E., Jr., Martínez F.	Acree, W.E. acree@unt.edu	10.1016/j.molliq.2016.10.018	Link
4	Poly-dopamine-beta-cyclodextrin: A novel nanobiopolymer towards sensing of some amino acids at physiological pH	Hasanzadeh M., Sadeghi S., Bageri L., Mokhtarzadeh A., karimzadeh A., Shadjou N., Mahboob S.	Hasanzadeh, M. mhmmd_hasanzadeh@yahoo.com	10.1016/j.msec.2016.06.081	Link
5	Graphene quantum dot functionalized by chitosan as an electrically conductive nano-material toward low potential detection: a new platform for interface science	Shadjou N., Hasanzadeh M., Marandi M., Hasanzadeh A.	Hasanzadeh, M. mhmmd_hasanzadeh@yahoo.com	10.1007/s10854-016-5324-5	Link
6	A possible reason for the low reproducibility of malondialdehyde determinations in biological samples	Azizi S., Shahrissa A., Khoubnasabjafari M., Ansarin K., Khoubnasabjafari M., Soleymani J., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.4155/bio-2016-0228	link
7	Graphene quantum dots decorated with magnetic nanoparticles: Synthesis, electrodeposition, characterization and application as an electrochemical sensor towards determination of some amino acids at physiological pH	Hasanzadeh M., Karimzadeh A., Shadjou N., Mokhtarzadeh A., Bageri L., Sadeghi S., Mahboob S.	Hasanzadeh, M. mhmmd_hasanzadeh@yahoo.com	10.1016/j.msec.2016.07.026	Link
8	Two dimension (2-D) graphene-based nanomaterials as signal amplification elements in electrochemical microfluidic immune-devices: Recent advances	Hasanzadeh M., Shadjou N., Mokhtarzadeh A., Ramezani M.		10.1016/j.msec.2016.06.023	Link
9	Ketoconazole ionic liquids with citric and tartaric acid: Synthesis, characterization and solubility study	Keramatnia F., Jouyban A., Valizadeh H., Delazar A., Shayanfar A.	Shayanfar, A. shayanfara@tbzmed.ac.ir	10.1016/j.fluid.2016.05.016	Link
10	Reliability of Malondialdehyde Measurements as a Marker of Oxidative Stress in Pediatrics	Khoubnasabjafari M., Ansarin K., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1016/j.pedneo.2015.10.015	Link
11	Combination of the Double Log–Log Model with Abraham Solvation Parameters to Predict Solubility of Drugs in Ethanol + Water Mixtures	Barzegar-Jalali M., Shayanfar A., Yaqoubi S., Hashemzadeh N., Jouyban A.	Barzegar-Jalali, M. mahbarja@gmail.com	10.1007/s10953-016-0509-3	Link
12	Integration of β -cyclodextrin into graphene quantum dot nano-structure and its application towards detection of Vitamin C at physiological pH: A new electrochemical approach	Shadjou N., Hasanzadeh M., Talebi F., Marjani A.P.	Shadjou, N. Nasrin.Shadjou@gmail.com	10.1016/j.msec.2016.05.078	Link
13	Solubility and Preferential Solvation of Sulfanilamide, Sulfamethizole and Sulfapyridine 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/s10953-016-0513-7	Link
14	Magnetic nanoparticles embedded on graphene quantum dots: A new platform towards screening the effect of electroactive amino acids on electrochemical signals of each other at physiological pH	Hasanzadeh M., Karimzadeh A., Mokhtarzadeh A., Shadjou N.	Hasanzadeh, M. mhmmd_hasanzadeh@yahoo.com		Link
15	Preferential solvation of nifedipine in some aqueous co-solvent mixtures	Jouyban A., Martínez F.	Martínez, F. fmartinezr@unal.edu.co	10.1080/00319104.2015.1126835	Link
16	Solubility, solution thermodynamics, and preferential solvation of piroxicam in ethyl acetate + ethanol mixtures	Cristancho D.M., Jouyban A., Martínez F.	Martínez, F. fmartinezr@unal.edu.co	10.1016/j.molliq.2016.05.056	Link
17	An improved automated setup for solubility determination of drugs	Ghanbari A., Sarbaz Y., Jouyban-Gharamaleki V., Jouyban-Gharamaleki K., Soleymani J., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1517/PS.2016.33	Link
18	Sensing of doxorubicin hydrochloride using graphene quantum dot modified glassy carbon electrode	Hasanzadeh M., Hashemzadeh N., Shadjou N., Eivazi-Ziaei J., Khoubnasabjafari M., Jouyban A.	Hasanzadeh, M. mhmmd_hasanzadeh@yahoo.com	10.1016/j.molliq.2016.05.082	Link
19	Solubility of trisodium citrate in water + methanol mixtures at various temperatures	Soleymani J., Jouyban-Gharamaleki V., Jouyban-Gharamaleki K., Acree W.E., Jr., Kennidler E., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1016/j.molliq.2016.05.077	Link
20	Further numerical analyses on the solubility of sulfapyridine in ethanol + water mixtures	Delgado D.R., Peña M.A., Martínez F., Jouyban A., Acree W.E.	Martínez, F. fmartinezr@unal.edu.co	10.1517/PS.2016.24	Link
21	Comments on "Solubility and solution thermodynamics of 2,3,4,5-tetrabromothiophene in (ethanol + trichloromethane) binary solvent	Jouyban A., Martinez F., Acree W.E., Jr.	Acree, W.E. acree@unt.edu	10.1016/j.fluid.2016.03.023	Link

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22	Interaction of some cardiovascular drugs with bovine serum albumin at physiological conditions using glassy carbon electrode: A new approach	Afsharan H., Hasanzadeh M., Shadjou N., Jouyban A.	Hasanzadeh, M. Mhmmmd_hasanzadeh@yahoo.com	10.1016/j.msec.2016.03.112	Link
23	Graphene quantum dot modified glassy carbon electrode for the determination of doxorubicin hydrochloride in human plasma	Hashemzadeh N., Hasanzadeh M., Shadjou N., Eivazi-Ziaei J., Khoubnasabjafari M., Jouyban A.	Hasanzadeh, M. mhmmmd_hasanzadeh@yahoo.com	10.1016/j.jpha.2016.03.003	Link
24	Solubility of naproxen in some aqueous mixtures of N-methyl-2-pyrrolidone at various temperatures	Barzegar-Jalali M., Mohammadzade M., Martinez F., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1016/j.molliq.2016.04.120	Link
25	Solubility and apparent specific volume at saturation of some pharmaceutical salts in methanol + water mixtures at 298.15 K	Muñoz M.M., Peña M.Á., Jouyban A., Martínez F., Acree W.E., Jr.	Martínez, F. fmartinezr@unal.edu.co	10.1016/j.molliq.2016.04.116	Link
26	Comments on "solubility and thermodynamic behavior of vanillin in propane-1,2-diol + water cosolvent mixtures at different temperatures"	Jouyban A., Acree W.E., Jr.		10.1016/j.foodchem.2015.07.120	Link
27	Solubility and preferential solvation of acetaminophen in methanol + water mixtures at 298.15 K	Muñoz M.M., Jouyban A., Martínez F.	Martínez, F. fmartinezr@unal.edu.co	10.1080/00319104.2015.1121785	Link
28	Variations of malondialdehyde in pre-eclampsia	Khoubnasabjafari M., Ansarin K., Jouyban A.	Khoubnasabjafari, M. mkjafari2@yahoo.com	10.3109/10641955.2016.1148163	Link
29	Further calculations on solubility of 3-amino-1-adamantanol in ethanol + water binary solvent mixtures at various temperatures	Jouyban A., Martinez F., Acree W.E., Jr.	Acree, W.E. acree@unt.edu	10.1016/j.molliq.2016.02.099	Link
30	Generally trained models to predict solubility of drugs in carbitol + water mixtures at various temperatures	Khoubnasabjafari M., Shayanfar A., Martinez F., Acree W.E., Jr., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1016/j.molliq.2016.03.043	Link
31	Modeling, solubility, and thermodynamic aspects of sodium phenytoin in propylene glycol-water mixtures	Fathi-Azarjibayjani A., Mabhoot A., Martínez F., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1016/j.molliq.2016.02.089	Link
32	Electrochemical nanobiosensing in whole blood: Recent advances	Hasanzadeh M., Shadjou N.	Hasanzadeh, M. mhmmmd_hasanzadeh@yahoo.com	10.1016/j.trac.2015.07.018	Link
33	Microextraction methods for preconcentration of aluminium in urine samples	Farajbakhsh F., Amjadi M., Manzoori J.L., Ardalan M.R., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.15171/PS.2016.15	Link
34	Further numerical analysis on the solubility of ibrutinib in ethanol + water mixtures at different temperatures	Martínez F., Jouyban A., Acree W.E., Jr.	Martínez, F. fmartinezr@unal.edu.co	10.1016/j.molliq.2016.01.083	Link
35	Solution thermodynamics and preferential solvation of sulfamethazine in (methanol + water) mixtures	Delgado D.R., Almanza O.A., Martínez F., Peña M.A., Jouyban A., Acree W.E., Jr.	Martínez, F. fmartinezr@unal.edu.co	10.1016/j.jct.2016.02.002	Link
36	Calculation of solubility of N-ethylcarbazole in ethanol+petroleum ether mixtures at various temperatures	Jouyban A., Acree W.E., Jr.	Acree, W.E. acree@unt.edu	10.1007/s11814-015-0297-2	Link
37	Direct analysis of methadone in exhaled breath condensate by capillary zone electrophoresis	Hamidi S., Khoubnasabjafari M., Ansarin K., Jouyban-Gharamaleki V., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.2174/1573412911666150911202647	Link
38	Nanosilica grafted by sulfonic acid: a novel nanocomposite towards amplification of mitoxantrone electrooxidation signals	Hasanzadeh M., Khalilzadeh B., Shadjou N.	Hasanzadeh, M. mhmmmd_hasanzadeh@yahoo.com	10.1080/20550324.2016.1200286	Link
39	Pharmacogenomic study using bio- and nanobioelectrochemistry: Drug-DNA interaction	Hasanzadeh M., Shadjou N.	Hasanzadeh, M. mhmmmd_hasanzadeh@yahoo.com	10.1016/j.msec.2015.12.020	Link
40	Electrochemical and photoelectrochemical nano-immunesensing using origami paper based method	Hasanzadeh M., Shadjou N.	Hasanzadeh, M. Mhmmmd-hasanzadeh@yahoo.com	10.1016/j.msec.2015.12.031	Link
41	Further comments on "Solubility and thermodynamic behavior of vanillin in propane-1,2-diol + water cosolvent mixtures at different temperatures"	Martínez F., Jouyban A., Acree W.E., Jr.		10.1016/j.foodchem.2015.10.017	Link
42	A new kinetic-mechanistic approach to elucidate electrooxidation of doxorubicin hydrochloride in unprocessed human fluids using magnetic graphene based nanocomposite modified glassy carbon electrode	Soleymani J., Hasanzadeh M., Shadjou N., Khoubnasab Jafari M., Gharamaleki J.V., Yadollahi M., Jouyban A.	Hasanzadeh, M. Mhmmmd-hasanzadeh@yahoo.com	10.1016/j.msec.2016.01.003	Link
43	Silica-based mesoporous organic-inorganic nano-hybrid: a novel electroceramic nanomaterial for electroanalytical determination of selected cardiovascular drugs in human serum	Hasanzadeh M., Pournaghi-Azar M.H., Shadjou N., Jouyban A.		10.1134/S106193481602009X	Link
44	Comments on "solubility and thermodynamic function of a new anticancer drug ibrutinib in {2-(2-ethoxyethoxy)ethanol + water} mixtures at different temperatures"	Martínez F., Jouyban A., Acree W.E.	Martínez, F. fmartinezr@unal.edu.co	10.1016/j.jct.2015.11.031	Link
45	Graphene quantum dot as an electrically conductive material toward low potential detection: A new platform for interface science	Hasanzadeh M., Karimzadeh A., Sadeghi S., Mokhtarzadeh A., Shadjou N., Jouyban A.	Hasanzadeh, M. mhmmmd_hasanzadeh@yahoo.com	10.1007/s10854-016-4590-6	Link
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	vitamin C, and vitamin E in oral pre-cancer and cancer: diagnostic value and free radical mechanism of action"	Vaez-Gharamaleki J., Jouyban A.	ajouyban@hotmail.com	1687-x	
47	Vortex-assisted liquid-liquid extraction combined with field-amplified sample injection and sweeping micellar electrokinetic chromatography for improved determination of β -blockers in human urine	Jouyban A., Sorouraddin M.H., Farajzadeh M.A., Somi M.H., Fazeli-Bakhtiyari R.	Fazeli-Bakhtiyari, R. rana_fazeli@yahoo.com	10.1016/j.talanta.2015.11.046	Link
48	Development and validation of a spectrofluorimetric determination of calf thymus DNA using a terbium-danofloxacin probe	Soltani N., Manzoori J.L., Amjadi M., Lotfipour F., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.15171/PS.2016.02	link
49	Measurement and correlation of deferiprone solubility: Investigation of solubility parameter and application of van't Hoff equation and Jouyban-Acree model	Fathi-Azarbayjani A., Abbasi M., Vaez-Gharamaleki J., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1016/j.molliq.2015.12.005	Link
50	Image-Based Analysis to Predict the Activity of Tariquidar Analogs as P-Glycoprotein Inhibitors: The Importance of External Validation	Shayanfar S., Shayanfar A., Ghandadi M.	Shayanfar, A. shayanfara@tbzmed.ac.ir	10.1002/ardp.201500333	Link
51	Graphene quantum dot functionalized by beta-cyclodextrin: a novel nanocomposite toward amplification of l-cysteine electro-oxidation signals	Shadjou N., Hasanzadeh M., Talebi F., Marjani A.P.	Hasanzadeh, M. hasanzadehm@tbzmed.ac.ir	10.1080/20550324.2016.1187428	Link
52	Forced degradation studies of biopharmaceuticals: Selection of stress conditions	Tamizi E., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1016/j.ejpb.2015.10.016	Link
53	Comments concerning "experimental determination and correlation of the solubility of 4-hydroxy-2,5-dimethyl-3(2H)-furanone (DMHF) in binary (ethanol + water) solvent mixtures"	Jouyban A., Acree W.E.	Acree, W.E. acree@unt.edu	10.1016/j.molliq.2015.12.059	Link
54	A microextraction liquid-chromatographic determination of aristolochic acid I in urine, flour, and aristolochiaceae fruit	Yadegari A., Ardalani M., Farajzadeh M.A., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.2174/1573412912666160610082640	Link
55	Solubility of acetaminophen in Ethanol + Water + NaCl mixtures at various temperatures	Azmi R., Salamat-Ahangari R., Soleymani J., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1080/00986445.2015.1023301	Link
56	Graphene quantum dot functionalized by chitosan and beta-cyclodextrin as a new support nanocomposite material for efficient methanol electrooxidation	Hasanzadeh M., Shadjou N., Marandi M.	Hasanzadeh, M. mhmmmd_hasanzadeh@yahoo.com	10.1016/j.jallcom.2016.07.202	Link
57	Determination of furosemide in urine by a dispersive liquid-liquid microextraction-spectrofluorometric method	Rezazadeh A., Amjadi M., Manzoori J.L., Barzegar-Jalali M., Jouyban A.	Jouyban, A. ajouyban@hotmail.com		Link
58	Modelling the solubility and preferential solvation of bergenin in DMSO + water mixtures	Martínez F., Jouyban A., Acree W.E., Jr.	Martínez, F. fmartinezr@unal.edu.co		Link
59	Co-solubilization of Lamotrigine by Complexation and Micellization in Binary Solvent Mixtures	Fathi Azarbayjani A., Sajed-Amin S., Panahi-Azar V., Asadpour-Zeynali K., Jouyban A.	Jouyban, A. ajouyban@hotmail.com	10.1016/j.cherd.2015.12.037	Link