

Maryam Khoubnasabjafari

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

1,577
citations

393982

19
h-index

344852

36
g-index

90
all docs

90
docs citations

90
times ranked

1609
citing authors

#	ARTICLE	IF	CITATIONS
1	Reliability of malondialdehyde as a biomarker of oxidative stress in psychological disorders. <i>BiolImpacts</i> , 2015, 5, 123-127.	0.7	159
2	Calculation of the Viscosity of Binary Liquids at Various Temperatures Using Jouyban-Acree Model. <i>Chemical and Pharmaceutical Bulletin</i> , 2005, 53, 519-523.	0.6	135
3	Graphene quantum dot modified glassy carbon electrode for the determination of doxorubicin hydrochloride in human plasma. <i>Journal of Pharmaceutical Analysis</i> , 2016, 6, 235-241.	2.4	113
4	Solubility Prediction of Paracetamol in Binary and Ternary Solvent Mixtures Using Jouyban-Acree Model. <i>Chemical and Pharmaceutical Bulletin</i> , 2006, 54, 428-431.	0.6	69
5	Density, viscosity, surface tension, and molar volume of propylene glycol + water mixtures from 293 to 323 K and correlations by the Jouyban-Acree model. <i>Arabian Journal of Chemistry</i> , 2017, 10, S71-S75.	2.3	69
6	Sensing of doxorubicin hydrochloride using graphene quantum dot modified glassy carbon electrode. <i>Journal of Molecular Liquids</i> , 2016, 221, 354-357.	2.3	55
7	Electrochemical sensing of doxorubicin in unprocessed whole blood, cell lysate, and human plasma samples using thin film of poly-arginine modified glassy carbon electrode. <i>Materials Science and Engineering C</i> , 2017, 77, 790-802.	3.8	52
8	Non-volatile compounds in exhaled breath condensate: review of methodological aspects. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 6411-6440.	1.9	45
9	Exhaled breath condensate as an alternative sample for drug monitoring. <i>Bioanalysis</i> , 2018, 10, 61-64.	0.6	43
10	Solubility Prediction of Anthracene in Mixed Solvents Using a Minimum Number of Experimental Data.. <i>Chemical and Pharmaceutical Bulletin</i> , 2002, 50, 21-25.	0.6	41
11	Critical Review of Malondialdehyde Analysis in Biological Samples. <i>Current Pharmaceutical Analysis</i> , 2015, 12, 4-17.	0.3	39
12	Chiral separation of methadone in exhaled breath condensate using capillary electrophoresis. <i>Analytical Methods</i> , 2017, 9, 2342-2350.	1.3	38
13	Solubility of methocarbamol in some cosolvent+water mixtures at 298.15K and correlation with the Jouyban-Acree model. <i>Journal of Molecular Liquids</i> , 2013, 188, 162-166.	2.3	36
14	Breathomics: Review of Sample Collection and Analysis, Data Modeling and Clinical Applications. <i>Critical Reviews in Analytical Chemistry</i> , 2022, 52, 1461-1487.	1.8	30
15	Dispersive liquid-liquid microextraction based on solidification of floating organic droplet followed by spectrofluorimetry for determination of carvedilol in human plasma. <i>Bioanalysis</i> , 2013, 5, 437-448.	0.6	27
16	Modeling the Entrainer Effects on Solubility of Solutes in Supercritical Carbon Dioxide. <i>Chemical and Pharmaceutical Bulletin</i> , 2005, 53, 290-295.	0.6	25
17	Exhaled breath condensate as a potential specimen for diagnosing COVID-19. <i>Bioanalysis</i> , 2020, 12, 1195-1197.	0.6	25
18	Development of a deep eutectic solvent-based ultrasound-assisted homogenous liquid-liquid microextraction method for simultaneous extraction of daclatasvir and sofosbuvir from urine samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 204, 114254.	1.4	24

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19	Direct Analysis of Methadone in Exhaled Breath Condensate by Capillary Zone Electrophoresis. <i>Current Pharmaceutical Analysis</i> , 2016, 12, 137-145.	0.3	21
20	Amidosulfonic acid-capped silver nanoparticles for the spectrophotometric determination of lamotrigine in exhaled breath condensate. <i>Mikrochimica Acta</i> , 2017, 184, 2991-2998.	2.5	21
21	Extraction and Analysis of Methadone in Exhaled Breath Condensate Using a Validated LC-UV Method. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2015, 18, 207.	0.9	19
22	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. <i>Analytical Methods</i> , 2019, 11, 1530-1540.	1.3	19
23	Low potential detection of doxorubicin using a sensitive electrochemical sensor based on glassy carbon electrode modified with silver nanoparticles-supported poly(chitosan): A new platform in pharmaceutical analysis. <i>Microchemical Journal</i> , 2021, 165, 106101.	2.3	19
24	Solubility of salbutamol and salbutamol sulphate in ethanol+water mixtures at 25°C. <i>Journal of Molecular Liquids</i> , 2012, 173, 62-65.	2.3	18
25	Analysis of deferiprone in exhaled breath condensate using silver nanoparticle-enhanced terbium fluorescence. <i>Analytical Methods</i> , 2017, 9, 5640-5645.	1.3	18
26	Derivatization and deep eutectic solvent-based air-assisted liquid-liquid microextraction of salbutamol in exhaled breath condensate samples followed by gas chromatography-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 191, 113572.	1.4	18
27	Molecularly imprinted polymer based-solid phase extraction combined with dispersive liquid-liquid microextraction using new deep eutectic solvent; selective extraction of valproic acid from exhaled breath condensate samples. <i>Microchemical Journal</i> , 2021, 161, 105772.	2.3	18
28	Determination of morphine and oxycodone in exhaled breath condensate samples: Application of microwave enhanced three-component deep eutectic solvent-based air-assisted liquid-liquid microextraction and derivatization prior to gas chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1152, 122256.	1.2	17
29	A single-shot diagnostic platform based on copper nanoclusters coated with cetyl trimethylammonium bromide for determination of carbamazepine in exhaled breath condensate. <i>Mikrochimica Acta</i> , 2019, 186, 194.	2.5	16
30	Viscosity and surface tension of glycerol+N-methyl-2-pyrrolidone mixtures from 293 to 323 K. <i>Physics and Chemistry of Liquids</i> , 2015, 53, 104-116.	0.4	15
31	Salivary malondialdehyde as an oxidative stress biomarker in oral and systemic diseases. <i>Journal of Dental Research, Dental Clinics, Dental Prospects</i> , 2016, 10, 71-74.	0.4	15
32	A colorimetric nanoprobe based on dynamic aggregation of SDS-capped silver nanoparticles for tobramycin determination in exhaled breath condensate. <i>Mikrochimica Acta</i> , 2020, 187, 186.	2.5	15
33	LC-MS/MS Estimation of Propranolol level in Exhaled Breath Condensate. <i>Pharmaceutical Sciences</i> , 2017, 23, 264-270.	0.1	13
34	Predicting Solubility of Anthracene in Non-aqueous Solvent Mixtures Using a Combination of Jouyban-Acree and Abraham Models. <i>Chemical and Pharmaceutical Bulletin</i> , 2006, 54, 1124-1130.	0.6	12
35	A new turn-on-fluorescent sensor based on gold quantum dots and silver nanoparticles for lamotrigine detection in plasma. <i>Talanta</i> , 2017, 172, 126-132.	2.9	12
36	A microscale spectrophotometric method for quantification of doxorubicin in exhaled breath condensate. <i>Analytical Methods</i> , 2019, 11, 648-653.	1.3	12

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37	A new hypothesis to investigate bioequivalence of pharmaceutical inhalation products. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2019, 27, 517-524.	0.9	11
38	Macromolecular biomarkers of chronic obstructive pulmonary disease in exhaled breath condensate. <i>Biomarkers in Medicine</i> , 2020, 14, 1047-1063.	0.6	11
39	Copper nanocluster-based sensor for determination of vancomycin in exhaled breath condensate: A synchronous fluorescence spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 196, 113906.	1.4	11
40	Methadone Concentrations in Exhaled Breath Condensate, Serum and Urine of Patients Under Maintenance Treatment. <i>Iranian Journal of Pharmaceutical Research</i> , 2017, 16, 1621-1630.	0.3	11
41	Development and validation of a novel fluorometric sensor for hydrogen peroxide monitoring in exhaled breath condensate. <i>Analytical Methods</i> , 2017, 9, 4371-4379.	1.3	10
42	Spectroscopic analysis of bosentan in biological samples after a liquid-liquid microextraction. <i>BioImpacts</i> , 2015, 5, 191-197.	0.7	10
43	Co-liquefaction with acetone and GC analysis of volatile compounds in exhaled breath as lung cancer biomarkers. <i>BioImpacts</i> , 2017, 7, 99-108.	0.7	10
44	Mathematical Representation of Solubility of Electrolytes in Binary Solvent Mixtures Using Jouyban-Acree Model. <i>Chemical and Pharmaceutical Bulletin</i> , 2005, 53, 1591-1593.	0.6	9
45	Solubility of Etoricoxib in Aqueous Solutions of 1,4-Butanediol, 1,4-Dioxane, N,N-Dimethylacetamide, N,N-Dimethylformamide, Dimethyl Sulfoxide, and Ethanol at 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2015, 60, 2128-2134.	1.0	9
46	Avoid using spectrophotometric determination of malondialdehyde as a biomarker of oxidative stress. <i>Biomarkers in Medicine</i> , 2018, 12, 551-554.	0.6	9
47	Sensitive monitoring of doxorubicin in plasma of patients, MDA-MB-231 and 4T1 cell lysates using electroanalysis method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 192, 113701.	1.4	8
48	Determination of valproic acid and 3-heptanone in plasma using air-assisted liquid-liquid microextraction with the assistance of vortex: Application in the real samples. <i>BioImpacts</i> , 2019, 9, 105-113.	0.7	8
49	In-situ microscale spectrophotometric determination of phenytoin by using branched gold nanoparticles. <i>Mikrochimica Acta</i> , 2019, 186, 422.	2.5	7
50	Tips for improving the quality and quantity of the extracted DNA from exhaled breath condensate samples. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2020, 39, 688-698.	0.4	7
51	A Sensitive Determination of Ammonia and Nitrite in Exhaled Breath Condensate of Healthy Humans by Using Berthelot Reaction. <i>Current Pharmaceutical Analysis</i> , 2018, 14, 555-561.	0.3	7
52	Comments Concerning "Comparison of Airway and Systemic Malondialdehyde Levels for Assessment of Oxidative Stress in Cystic Fibrosis" Lung, 2015, 193, 867-868.	1.4	6
53	A possible reason for the low reproducibility of malondialdehyde determinations in biological samples. <i>Bioanalysis</i> , 2016, 8, 2179-2181.	0.6	6
54	Electromembrane extraction as a new approach for determination of free concentration of phenytoin in plasma using capillary electrophoresis. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2020, 28, 615-624.	0.9	6

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55	Validation of a colorimetric method for determination of paracetamol in exhaled breath condensate. <i>Chemical Papers</i> , 2021, 75, 2901-2906.	1.0	6
56	Concentration profile of tobramycin in exhaled breath condensate after inhalation of a single dose: A pilot study. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 62, 102394.	1.4	6
57	Direct Monitoring of Verapamil Level in Exhaled Breath Condensate Samples. <i>Pharmaceutical Sciences</i> , 2019, 25, 50-56.	0.1	6
58	Development of Salt Induced Liquid-Liquid Extraction Combined with Amine Based Deep Eutectic Solvent-Dispersive Liquid-Liquid Microextraction; An Efficient Analytical Method for Determination of Three Anti-Seizures in Urine Samples. <i>Pharmaceutical Sciences</i> , 2020, 26, 323-331.	0.1	6
59	Exhaled Breath Condensate: A Non-Invasive Source for Tracking of Genetic and Epigenetic Alterations in Lung Diseases. <i>Pharmaceutical Sciences</i> , 2020, 27, 149-161.	0.1	6
60	Reliability of Malondialdehyde Measurements as a Marker of Oxidative Stress in Pediatrics. <i>Pediatrics and Neonatology</i> , 2016, 57, 450.	0.3	5
61	Comments on Salivary 8-hydroxy-2-deoxyguanosine, malondialdehyde, vitamin C, and vitamin E in oral pre-cancer and cancer: diagnostic value and free radical mechanism of action. <i>Clinical Oral Investigations</i> , 2016, 20, 395-396.	1.4	5
62	Variations of malondialdehyde in pre-eclampsia. <i>Hypertension in Pregnancy</i> , 2016, 35, 346-349.	0.5	5
63	Predicting the solubility, thermodynamic properties and preferential solvation of sulphamethazine in {acetonitrile + water} mixtures using a minimum number of experimental data points. <i>Physics and Chemistry of Liquids</i> , 2021, 59, 400-411.	0.4	5
64	Waste of Mechanical Ventilators as a Biological Sample for Follow up of Biomarkers and Drugs. <i>Pharmaceutical Sciences</i> , 2020, 26, 343-343.	0.1	5
65	Colorimetric determination of phenytoin using indoxyl sulfate capped silver nanoparticles. <i>Analytical Methods</i> , 2019, 11, 3324-3330.	1.3	4
66	Effects of Analytical Procedures on the Repeatability of Malondialdehyde Determinations in Biological Samples. <i>Pharmaceutical Sciences</i> , 2017, 23, 193-197.	0.1	4
67	Simultaneous Determination of Phenobarbital, Phenytoin, Carbamazepine and Carbamazepine-10,11-epoxide in Plasma of Epileptic Patients. <i>Pharmaceutical Sciences</i> , 2019, 25, 345-351.	0.1	4
68	Determination of Verapamil in Exhaled Breath Condensate by Using Microextraction and Liquid Chromatography. <i>Current Pharmaceutical Analysis</i> , 2019, 15, 535-541.	0.3	4
69	Efficiency comparison of nylon-6-based solid-phase and stir bar sorptive extractors for carbamazepine extraction. <i>Bioanalysis</i> , 2019, 11, 899-911.	0.6	3
70	Liquid Chromatographic Determination of Malondialdehyde in Plasma Samples After Liquid-Liquid Microextraction. <i>Current Analytical Chemistry</i> , 2018, 14, 416-422.	0.6	3
71	Exhaled breath condensate efficacy to identify mutations in patients with lung cancer: A pilot study. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2022, 41, 370-383.	0.4	3
72	Utilizing Nanoparticle Catalyzed TMB/H ₂ O ₂ System for Determination of Aspirin in Exhaled Breath Condensate. <i>Pharmaceutical Sciences</i> , 2023, 29, 368-375.	0.1	3

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73	Ultrasensitive fluorometric determination of daclatasvir in exhaled breath condensate samples after magnetic solid-phase extraction by carbon-coated Fe ₃ O ₄ magnetic nanoparticles: method optimization via central composite design combined with desirability function. <i>Chemical Papers</i> , 2022, 76, 6619-6628.	1.0	3
74	Comments on "Malondialdehyde: A novel predictive biomarker for post-stroke depression". <i>Journal of Affective Disorders</i> , 2018, 225, 52-53.	2.0	2
75	Determination of benzo(a)pyrene in the exhaled breath condensate of cigarette smokers by microextraction and HPLC-UV. <i>Analytical Methods</i> , 2020, 12, 1889-1895.	1.3	2
76	Determination of 2-Octanone in Biological Samples Using Liquid-Liquid Microextractions Followed by Gas Chromatography-Flame Ionization Detection. <i>Pharmaceutical Sciences</i> , 2017, 23, 121-128.	0.1	2
77	A Simple Colorimetric Method for Determination of Ethanol in Exhaled Breath Condensate. <i>Pharmaceutical Sciences</i> , 2020, 27, 297-301.	0.1	2
78	Development of a fluoremetric probe based on molecularly imprinted polymers for determination of phenobarbital in exhaled breath condensate. <i>Chemical Papers</i> , 2022, 76, 3447-3457.	1.0	2
79	Solubility prediction of anthracene in nonaqueous solvent mixtures using a combination of Jouyban-Acree and Abraham models. <i>Canadian Journal of Chemistry</i> , 2006, 84, 874-885.	0.6	1
80	Comments on "An Investigation into the Serum Thioredoxin, Superoxide Dismutase, Malondialdehyde, and Advanced Oxidation Protein Products in Patients with Breast Cancer". <i>Annals of Surgical Oncology</i> , 2017, 24, 573-576.	0.7	1
81	Comments on "Altered lipid peroxidation markers are related to post-traumatic stress disorder (PTSD) and not trauma itself in earthquake survivors". <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2017, 267, 595-596.	1.8	0
82	Correspondence. <i>Retina</i> , 2020, 40, e42-e44.	1.0	0
83	Comments on "Thermophysical Properties Analysis of Poly(Ethylene Glycol) 600+Methanol, Ethanol, 1-Propanol, and 2-Propanol Binary Liquid Mixtures". <i>International Journal of Thermophysics</i> , 2020, 41, 1.	1.0	0
84	Prevalence of COVID-19 in patients with rheumatoid arthritis (RA) already treated with hydroxychloroquine (HCQ) compared with HCQ-naïve patients with RA: a multicentre cross-sectional study. <i>Postgraduate Medical Journal</i> , 2022, 98, e92-e93.	0.9	0
85	Contribution of Tabriz academia in research activities. <i>Pharmaceutical Sciences</i> , 2015, 21, 30-40.	0.8	0
86	A Rapid Strategy for Repurposing Drugs for COVID-19. <i>Pharmaceutical Sciences</i> , 2020, 26, S91-S93.	0.1	0
87	Microextraction and Chromatographic Analysis of Budesonide Epimers in Exhaled Breath Condensate. <i>Current Analytical Chemistry</i> , 2020, 16, 1032-1040.	0.6	0
88	Research Performances of Organization of Islamic Conference (OIC) Members. <i>BiolImpacts</i> , 2012, 2, 111-22.	0.7	0
89	Simple Determination of p-Cresol in Plasma Samples Using Fluorescence Spectroscopy Technique. <i>Iranian Journal of Pharmaceutical Research</i> , 2021, 20, 68-78.	0.3	0
90	Development a coordination polymer based nanosensor for phenobarbital determination in exhaled breath condensate. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 215, 114761.	1.4	0