

# Vahid Jouyban-Gharamaleki

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

673  
citations

516215

16  
h-index

642321

23  
g-index

47  
all docs

47  
docs citations

47  
times ranked

617  
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>Materials Science and Engineering C</i> , 2017, 75, 247-258.	3.8	91
2	Non-volatile compounds in exhaled breath condensate: review of methodological aspects. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 6411-6440.	1.9	45
3	Chiral separation of methadone in exhaled breath condensate using capillary electrophoresis. <i>Analytical Methods</i> , 2017, 9, 2342-2350.	1.3	38
4	Solubility Determination of Tris(hydroxymethyl)aminomethane in Water + Methanol Mixtures at Various Temperatures Using a Laser Monitoring Technique. <i>Journal of Chemical &amp; Engineering Data</i> , 2014, 59, 2305-2309.	1.0	34
5	Exhaled breath condensate as a potential specimen for diagnosing COVID-19. <i>Bioanalysis</i> , 2020, 12, 1195-1197.	0.6	25
6	Direct Analysis of Methadone in Exhaled Breath Condensate by Capillary Zone Electrophoresis. <i>Current Pharmaceutical Analysis</i> , 2016, 12, 137-145.	0.3	21
7	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
8	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
9	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
10	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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 164, 249-257.	1.4	19
11	Analysis of deferiprone in exhaled breath condensate using silver nanoparticle-enhanced terbium fluorescence. <i>Analytical Methods</i> , 2017, 9, 5640-5645.	1.3	18
12	Electrochemical monitoring of malondialdehyde biomarker in biological samples via electropolymerized amino acid/chitosan nanocomposite. <i>Journal of Molecular Recognition</i> , 2018, 31, e2717.	1.1	18
13	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. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 2482-2492.	3.6	18
14	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
15	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
16	Solubilization of lamotrigine using Tween 80 and ethylene glycol or propylene glycol. <i>Journal of Molecular Liquids</i> , 2017, 236, 249-253.	2.3	17
17	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
18	An Automated System for Determining Drug Solubility Based on Laser Monitoring Technique. <i>Journal of the Association for Laboratory Automation</i> , 2015, 20, 3-9.	2.8	16

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19	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
20	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
21	Smart systems for determination of drug <sup>TM</sup> s solubility. <i>Drug Development and Industrial Pharmacy</i> , 2019, 45, 177-187.	0.9	13
22	LC-MS/MS Estimation of Propranolol level in Exhaled Breath Condensate. <i>Pharmaceutical Sciences</i> , 2017, 23, 264-270.	0.1	13
23	A microscale spectrophotometric method for quantification of doxorubicin in exhaled breath condensate. <i>Analytical Methods</i> , 2019, 11, 648-653.	1.3	12
24	Solubility of Tris(hydroxymethyl)aminomethane in Water + 1-Propanol Mixtures at Various Temperatures. <i>Journal of Chemical &amp; Engineering Data</i> , 2014, 59, 3723-3727.	1.0	11
25	A new hypothesis to investigate bioequivalence of pharmaceutical inhalation products. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2019, 27, 517-524.	0.9	11
26	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
27	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
28	Spectroscopic analysis of bosentan in biological samples after a liquid-liquid microextraction. <i>BioImpacts</i> , 2015, 5, 191-197.	0.7	10
29	Solubility of Tris(hydroxymethyl)aminomethane in Methanol + 1-Propanol Mixtures at Various Temperatures. <i>Journal of Chemical &amp; Engineering Data</i> , 2014, 59, 4227-4230.	1.0	9
30	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
31	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
32	Solubility of Tris(hydroxymethyl)aminomethane in Water + Methanol +1-Propanol Mixtures at Various Temperatures. <i>Journal of Chemical &amp; Engineering Data</i> , 2015, 60, 2515-2520.	1.0	6
33	Solubilization of celecoxib, lamotrigine and phenytoin using ethanol and a nonionic surfactant. <i>Journal of Molecular Liquids</i> , 2017, 243, 715-719.	2.3	6
34	Validation of a colorimetric method for determination of paracetamol in exhaled breath condensate. <i>Chemical Papers</i> , 2021, 75, 2901-2906.	1.0	6
35	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
36	Direct Monitoring of Verapamil Level in Exhaled Breath Condensate Samples. <i>Pharmaceutical Sciences</i> , 2019, 25, 50-56.	0.1	6

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37	An Improved Automated Setup for Solubility Determination of Drugs. <i>Pharmaceutical Sciences</i> , 2016, 22, 210-214.	0.1	5
38	Colorimetric determination of phenytoin using indoxyl sulfate capped silver nanoparticles. <i>Analytical Methods</i> , 2019, 11, 3324-3330.	1.3	4
39	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
40	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
41	<b>Utilizing Nanoparticle Catalyzed TMB/H<sub>2</sub> O<sub>2</sub> System for Determination of Aspirin in Exhaled Breath Condensate</b>. <i>Pharmaceutical Sciences</i> , 2023, 29, 368-375.	0.1	3
42	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
43	<b>A Simple Colorimetric Method for Determination of Ethanol in Exhaled Breath Condensate</b>. <i>Pharmaceutical Sciences</i> , 2020, 27, 297-301.	0.1	2
44	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
45	Simulation of dielectric constants of solvents at various temperatures using Catalan parameters. <i>Physics and Chemistry of Liquids</i> , 2022, 60, 910-921.	0.4	1
46	Microextraction and Chromatographic Analysis of Budesonide Epimers in Exhaled Breath Condensate. <i>Current Analytical Chemistry</i> , 2020, 16, 1032-1040.	0.6	0
47	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