

## CURRICULUM VITAE

**Date of completion:** ۲۰۲۴

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Scopus H-Index: ۱

### Specialty Records

**Bachelor of Science:** Chemistry (۱۹۹۷)

**Master of Science:** Toxicology (۲۰۰۱)

**M.S. Thesis:** Zeolite Y as Solid phase extraction

**Ph.D.:** Toxicology (۲۰۱۱)

**Ph.D. Thesis:** Cell line Biospectroscopy modeling in Toxicology

## Published papers sited in Web of Science, PubMed, Scopus

Number	Title	Journal	V	N	Authores	Page	Year
۱	Determination of morphine in the plasma of addicts in using Zeolite Y extraction following high performance liquid chromatography	Clinica Chemica Acta	۳۶۴	-	M.Ghazi-khansari, <b>R.Zendehdel</b> , M.Pirali Hamedani.	۲۳۵-۲۳۸	۲۰۰۶
۲	Cisplatin Resistant Patterns in Ovarian Cell Line Using FTIR and Principle Component Analysis	Iranian Journal of Pharmaceutical Research	۱۱	۱	<b>R.Zendehdel</b> , A.Masoudi-Nejad, J.Mohammadzadeh, F.H.Shirazi.	۲۳۵-۲۴۰	۲۰۱۲
۳	Patterns Prediction of Chemotherapy Sensitivity in Cancer Cell lines Using FTIR Spectrum, Neural Network and Principal Components Analysis	Iranian Journal of Pharmaceutical Research	۱۱	۲	<b>R.Zendehdel</b> , A.Masoudi-Nejad, F.H.Shirazi.	۱-۱۰	۲۰۱۲
۴	Chronic exposure to Chlorophenol related compounds in production workplace and lung cancer: A meta-analysis.	Asian Pacific Journal of Cancer Prevention	۱۵	۱۳	<b>R.Zendehdel</b> , Tayefeh-Rahimian, A Kabir.	۵۱۴۹-۵۱۵۳	۲۰۱۴
۵	Oxidative damage modeling by biomonitoring of Exposure to Metals for manual metal arc welders	Health scope	۳	۳	<b>R. Zendehdel</b>	۱-۴	۲۰۱۴
۶	Improved Method for Analysis of Airborne Asbestos Fibers Using Phase Contrast Microscopy and FTIR Spectrometry	Tanaffos	۱۳	۳	Mansour R. Azari, Asil Yazdian, <b>Rezvan Zendehdel</b> , Hamid Sourì, Soheila Khodakarim, Habibalalah Peirovi, Davod Panahi, Marzieh Kazempour	۳۸-۴۵	۲۰۱۴
	Predicting of effective dose as Biomarker for Cytotoxicity using Partial	Iranian Journal of Pharmaceutical Research			<b>R.Zendehdel</b> , S.Khodakarim		

۷	least square-Fourier Transform Infrared spectroscopy (PLS_FTIR)		۱۴	۴	, F.H. Shirazi.	۱-۸	۲۰۱۵
۸	Chemometrics models for assessment of oxidative stress risk in chrome-electroplating workers.	Drug and chemical toxicology.	۳۸	۲	<b>R. Zendehtdel</b> , Vd Shetab-Boushehri, MR. Azari, V Hosseini, H.Mohammadi.	۱۷۴-۱۷۹	۲۰۱۵
۹	Discrimination of human cell lines by Infrared spectroscopy and mathematical modeling	Iranian Journal of Pharmaceutical Research	۱۴	۳	<b>R.Zendehtdel</b> , F.H. Shirazi.	۸۰۳-۸۱۰	۲۰۱۵
۱۰	Feasibility the Biological Monitoring of Workers Exposed to Benzene and Toluene via Measuring the Parent Compounds in the Exhaled Breath	Health scope	۴	۳	Seyed Younes Hosseini; Mansour Rezazadeh Azari; <b>Rezvān Zendehtdel</b> ; Hamid Souri; Raana Taiefeh Rahimian	۱-۵	۲۰۱۵
۱۱	Development of a new method for sampling and monitoring oncology staff exposed to cyclophosphamide drug	Environmenta Monitoring and Assessment	۱۸۸	۴	Panahi D, Azari M , Akbari M.E, <b>Zendehtdel R</b> , Mirzaei HR, Hatami H, Mehrabi Y.	۲۳۸-	۲۰۱۶
۱۲	Neurotoxicity effect of formaldehyde in occupational exposure and influence of individual susceptibility to some metabolism parameters	Environmenta Monitoring and Assessment		۱۸۸	<b>R. Zendehtdel</b> . Z.Fazli, .M. Mazinani	۱۶۸-۱۸۹	۲۰۱۶
۱۳	Irritation risk assessment of occupational exposure to formaldehyde from Melamine dinnerware workshops in Tehran	Iran Occupational Health	۱۳	۲	M.Vahhabi Shekarloo \, M. Mazinani, S. Khodakarim M. Rezazadeh Azari, H.Kheyri, A.A. Mousavi Mehraban, <b>R.Zendehtdel*</b>	۱-۸	۲۰۱۶

۱۴	Investigation of gene expressions in differentiated cell derived bone marrow stem cells during bone morphogenetic protein- $\xi$ treatments with Fourier transform infrared spectroscopy	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy		۱۷۳	J.Zafari,,F,Java ni,A Ahmadvand,P Abdolmaleki,, M.Soodi, <b>R.Zendehdel*</b> .	۶۹۵-۷۰۳	۲۰۱۷
۱۵	Analysis of formaldehyde and acrolein in the aqueous samples using a novel needle trap device containing nanoporous silica aerogel sorbent	Environ Monit Assess	۱۸۹	۴	Abdullah Barkhordari & Mansour R. Azari & <b>Rezvan Zendehdel</b> & Mahmoud Heidari	۱۷۱-۱۸۰	۲۰۱۷
۱۶	Environmental Monitoring of Occupational Exposure to Cyclophosphamide Drug in Two Iranian Hospitals	Iran J Cancer Prev.	۱۰	۱	Mansour Azari, Davod Panahi, Mohammad Esmaeil Akbari, Hamid Reza Mirzaei, Hamid Reza Rezvani, <b>Rezvan Zendehdel</b> , Yadollah Mehrabi, and Majid Bayatian	۱-۵	۲۰۱۷
۱۷	DNA Damage in Workers Exposed to Formaldehyde at Concentrations Below Occupational Exposure Limits	Toxicological & Environmental Chemistry	۹۹	۹-۱۰	<b>Rezvan Zendehdel</b> , Fatemeh Javani Jouni, Behnam Hajipour, Zahra Panjali Homa Kheiri, and Masoomeh Vahabi* <sup>۱</sup>	۱۴۰۹-۱۴۱۷	۲۰۱۷
۱۸	Risk evaluation of construction workers' exposure to silica dust and the possible lung function impairments	Tanaffos	۱۶	۴	Tavakol, E., Azari, M., <b>Zendehdel, R.</b> , (...), Nikoo, S., Saranjam, B.	۲۹۵-۳۰۳	۲۰۱۷
۱۹	A novel needle trap device with nanoporous silica aerogel packed for sampling and analysis of volatile aldehyde compounds in air	Microchemical Journal	۱۳۴	-	Azari, M.R., Barkhordari, A., <b>Zendehdel, R.</b> , Heidari, M.	۲۷۰-۲۷۶	۲۰۱۷

۲۰	Dioxin Exposure in the Manufacture of Pesticide Production as a Risk Factor for Death from Prostate Cancer: A Meta-analysis	Iranian Journal of public health	۴۷	۲	Ali KABIR , * <b>Rezvan ZENDEHDEL</b> , Raana TAYEFEH RAHIMIAN	۱۴۸-۱۰۰	۲۰۱۸
۲۱	Genetic variation and risk of DNA damage in peripheral blood lymphocytes of Iranian formaldehyde-exposed workers	Human and Experimental Toxicology	۳۷	۷	<b>Rezvan Zendehdel</b> , Parviz Abdolmaleki, Fatemeh Javani Jouni, Mohammad Mazinani	۶۹۰-۶۹۶	۲۰۱۸
۲۲	Estimation of formaldehyde occupational exposure limit based on genetic damage in some Iranian exposed workers using benchmark dose method	Environmenta Science and Pollution Research	۲۰	۳۱	<b>Rezvan Zendehdel</b> , Masoomeh Vahabi & Roya Sedghi	۳۱۱۸۳-۳۱۱۸۹	۲۰۱۸
۲۳	Development a new method for bio monitoring of multiple-metals in occupational exposure	Journal of Occupational & Environmenta Hygiene	۱۰	۱۲	Seyed Mohammad Sadata , shirin seyed ghoreyshia ,fatemeh rajabia , <b>Rezvan Zendehdel</b> *	۸۳۳-۸۴۰	۲۰۱۸
۲۴	Biological monitoring of occupational exposure to dust among aluminium foundry workers	Russian Open Medical Journal	۷	۲	Ali Choupani, Mohammad Javad Jafari, Gholamheidar Teimori Boghsani, Mansour R. Azari, <b>Rezvan Zendehdel</b>	۱-۶	۲۰۱۸
۲۵	Study of photocatalytic removal of toluene vapor using zeolite Y impregnated with titanium dioxide nanoparticle	Iran Occupational Health	۱۰	۲	Mohammad Javad Jafari, Hasan Irvani, <b>Rezvan Zendehdel</b> ,	۶۹-۷۹	۲۰۱۸

					Sheila Khodakarim, Hosein Shojaee Farah Abady		
۲۶	Normal hexane occupational exposure estimation in the benchmark response according to color vision impairment	Iran Occupational Health	۱۵	۴	<b>Rezvan Zendehtdel</b> , Zahra Panjali, Akbar Esmaeili Tahneh	۶۲-۷۲	۲۰۱۸
۲۷	Magnetic nano-zeolite Y as a novel fluidized bed for air decontamination	Int. J. Environ. Sci. Technol.	۱۶	۳	<b>R. Zendehtdel</b> S. Ansari R. Sedghi M. J. Jafari	۱۲۶۱-۱۲۶۸	۲۰۱۹
۲۸	DNA effects of low level occupational exposure to extremely low frequency electromagnetic fields (۵۰/۶۰ Hz)	Toxicology and Industrial Health	۳۵	۶	<b>Zendehtdel, R.</b> , Yu, I.J., Hajipour-Verdom, B., Panjali, Z.	۴۲۴-۴۳۰	۲۰۱۹
۲۹	Neurological risk assessment of co-exposure to heavy metals (chromium and nickel) in chromium-electroplating workers	Work	۶۳	۳	<b>Zendehtdel, R.</b> , Fazli, Z., Rezazadeh Azari, M	۳۵۵-۳۶۰	۲۰۱۹
۳۰	Application of Needle Trap Device Based on the Carbon Aerogel for Trace Analysis of n-Hexane in Air Samples	Chromatographia	۸۲	۱۰	Jalili, V., <b>Zendehtdel, R.</b> , Bahramian, A., Barkhordari, A	۱۵۱۵-۱۵۲۱	۲۰۱۹
۳۱	Synthesis, characterization and antibacterial activity of imidazole-functionalized Ag/MIL-۱۰۱(Cr)	Journal of Porous Materials	۲۶	۶	M Hajibabaei M.M. Amini <b>R.Zendehtdel</b> M.J.Nasiri A. Peymani	۱۷۲۱-۱۷۲۹	۲۰۱۹
۳۲	Antibacterial comparison between the nanofibers bed of poly vinylidene fluoride-poly vinyl pirilodine containing a sorbent with one metal and two metals	Journal of Military Medicine	۲۱	۲	Montazer, M., <b>Zendehtdel, R.</b> , Goli, F., Panjali, Z., Soleimani, N.	۱۸۷-۱۹۴	۲۰۱۹

۳۳	Occupational and biological monitoring of workers exposed to airborne dust in Gol-e-Gohar Iron Ore mine	Iran Occupational Health	۱۶	۱	Safinejad, M., Azari, M.R., <b>Zendehdel, R.</b> , (...), Khodakarim, S., Khodarahmi, B.	۲۳-۳۲	۲۰۱۹
۳۴	Comparison of Y and ZSM- <sup>o</sup> zeolite modified with magnetite nanoparticles in removal of hydrogen sulfide from air	Int. J. Environ. Sci. Technol	۱۷	۱	M. J. Jafari <b>R. Zendehdel</b> A. Rafieepour M. Nakhaei Pour  H. Irvani S. Khodakarim	۱۸۷-۱۹۴	۲۰۲۰
۳۵	A method development for bacterial quantification and qualification in occupational exposure	Environmenta Monitoring and Assessment			<b>Zendehdel, R.</b>  Montazer, M.aEmail Author, Soleimani, N.		۲۰۲۰
۳۶	Comparing the microbial inhibition of nanofibres with multi-metal ion exchanged nano-zeolite Y in air sampling	Journal of applied microbiology	۱۲۸	۱	Zendehdel, R., Goli, F., Hajibabaei, M.	۲۰۲-۲۰۸	۲۰۲۰
۳۷	Measuring the levels of acetylcholine-esterase and plasma thiol groups in selected technical personnel of national Iranian gas company	Iran Occupational Health	۱۷	۱	<b>Zendehdel, R.</b> , Gohari, F., Amini, Z., (...), Parkestani, H., Rajabi, F.	۷۷-۸۷	۲۰۲۰
۳۸	Quality assessment of DNA and hemoglobin by Fourier transform infrared spectroscopy in occupational exposure to extremely low-frequency magnetic field	Environmental Science and Pollution Research	۲۷	۳۶	<b>Zendehdel, R.</b> , Asadi, S., Alizadeh, S., Ranjbarian, M.	۴۵۳۷۴-۴۵۳۸۰	۲۰۲۰
۳۹	Inside-tube solid-phase microextraction as an interlink between solidphase microextraction and needle device for n-hexane evaluation in air and urine	Biomedical Chromatography	۳۴	۱۰	Ghafari, J., Vahabi, M., Dehghan, S.F., <b>Zendehdel, R*</b>	۴۴۹۲۴	۲۰۲۰

	headspace						
۴۰	Imidazole-Functionalized Ag/MOFs as Promising Scaffolds for Proper Antibacterial Activity and Toxicity Reduction of Ag Nanoparticles	Journal of Inorganic and Organometallic Polymers and Materials	۳۰	۱۱	Hajibabaei, M., <b>Zendehdel, R.</b> , Panjali, Z.	۴۶۲۲-۴۶۲۶	۲۰۲۰
۴۱	Genotoxic stress of particulate matter in the electric furnace of an iron casting industry on human lung epithelial cells; an in vitro study	Toxin Reviews	۴۰	۴	Panjali, Z., Jafari-Tehrani, B., Maghsoudi, N., Abdolmaleki, P., <b>Zendehdel, R.</b>	۸۲۰-۸۲۶	۲۰۲۱
۴۲	A field study for sars-cov-۲ evaluation by two air sampling strategy during spread in Tehran, Iran	Pakistan Journal of Analytical and Environmental Chemistry	۲۲	۱	Bokharaei-Salim, F., <b>Zendehdel, R.</b> , Helmi-Kohnehsahro, M., Taherianfar, Z.	۲۱-۲۷	۲۰۲۱
۴۳	A comprehensive review on microextraction techniques for sampling and analysis of fuel ether oxygenates in different matrices	Microchemical Journal	۱۶۸	-	Jalili, V., Amin Rashidi, M., Mehrifar, Y., Ghasemi koozekonan, A., <b>Zendehdel, R.</b>	۱۰۶۴۳۷ ۱۰۶۴۴۷	۲۰۲۱
۴۴	Practical method for air sampling and analysis of some natural gas odorant	International Journal of Oil, Gas and Coal Technology	۲۲	۲	<b>Zendehdel, R.</b> , Gohari, F.A., Tehrani, B.J., (...), Parkestani, H.N., Sadat, S.M.	۱۴۳-۱۵۱	۲۰۲۱
۴۵	Risk assessment of chemical mixtures by benchmark dose-principle component analysis approach in occupational exposure	Environmental Science and Pollution Research	۲۸	۴۱	<b>Zendehdel, R.</b> , Parsarad, M., Asgari Gandomani, E., (...), Mohammad Alipour, M., Gholamiarjena ki, R.	۵۸۷۸۱- ۵۸۷۸۶	۲۰۲۱
۴۶	Supramolecular solventbased microextraction techniques for sampling and preconcentration of heavy metals: A review	Reviews in Analytical Chemistry	۴۰	۱	Jalili, V., <b>Zendehdel, R.</b> , Barkhordari, A.	۹۳-۱۰۷	۲۰۲۱



۴۷	Effect of tea consumption on oxidative stress and expression of DNA repair genes among metal press workers exposed to occupational noise	Toxicology Research	۱۰	۱	Panjali, Z., Jafari-Tehrani, B., Münzel, T., (...), Hajipour-Verdom, B., <b>Zendehdel, R.*</b>	۱۳۴-۱۴۰	۲۰۲۱
۴۸	Risk assessment of nano-flame retardants coating in the selected construction industry of Iran by control banding approach	International Journal of Preventive Medicine	-	-	Zahra Mohammadi, Masoume Vahabi, Seyed Mohammad Sadat, <b>Rezvan Zendehdel</b>	۱-۶	۲۰۲۱
۴۹	Assessment of bacterial pathogens and their antibiotic resistance in the air of different wards of selected teaching hospitals in Tehran	Indian journal of occupational and Environmental medicine	۲۵	۲	Marzieh Montazer, Neda Soleimani, Masoomeh Vahabi, Mehrnosh Abtahi, Korosh Etemad, <b>Rezvan Zendehdel</b>	۷۸-۸۳	۲۰۲۱
۵۰	Occupational exposure to metal-rich particulate matter modifies the expression of repair genes in foundry workers	Toxicology and Industrial Health	۸	۱	Zahra Panjali, , Omar Hahad, Fatemeh Rajabi, Saeid Maddah and <b>Rezvan Zendehdel</b>	۱-۹	۲۰۲۱
۵۱	Peroxidase-like reaction by a synergistic inorganic catalyst colloid: a new method for hydrogen peroxide detecting in air samples	Colloid and Polymer Science	۱۰	۱	Zahra Moradpour-Mehrdad Helmi Kohnehshahri · Masoomeh Vahabi Shekarloo · Vahid Jalili · <b>Rezvan Zendehdel</b>	۱-۱۰	۲۰۲۱

۵۲	Formaldehyde Carcinogenicity Risk Assessment Using Benchmark Doses Approach Based on Genotoxic Effects in Occupational Exposure	Journal of Chemical Health Risks	۱۱	۰	<b>Rezvan Zendehtdel</b> , Masoomeh Vahabi	۱-۷	۲۰۲۱
۵۳	A Field Study for SARS-CoV-۲ Evaluation by Two Air Sampling Strategy During Spread in Tehran, Iran	Pakistan Journal of Analytical and Environmental Chemistry	۲۲	۱	Bokharaei-Salim, F., <b>Zendehtdel, R.</b> , Helmi-Kohnehsahro, M., Taherianfar, Z.	۲۱-۲۷	۲۰۲۱
۵۴	Investigating the Ventilation System of an Intensive Care Unit in the COVID-۱۹ Crisis: A Study in a Hospital of Tehran, Iran	National Research Institute of Tuberculosis and Lung Disease, Iran	۲۰	۳	Zahra Moradpour , Ghasem Hesam , Mehrdad Helmi_Kohnehsahri , Farah Bokharaei-Salim , Mostafa Pouyakian , <b>Rezvan Zendehtdel</b>	۲۴۰-۲۴۵	۲۰۲۱
۵۵	Presenting a New Method to Evaluate the Severity of the Incompatibility of Dangerous Goods Based on FTOPSIS: A Case Study of the ۴,۳ Class	ACS Chemical Health and Safety	۲۸	۵	Negar Saffarinia, Mostafa Pouyakian, Rezvan Zendehtdel, and Reza Ramezani	۳۳۹-۳۴۷	۲۰۲۱
۵۶	The Oxidative Stress of Mercaptan Odorant Due to Occupational Exposure: Adverse Effects on the Cholinergic System	Iranian journal of Toxicology	۱۶	۲	<b>Rezvan Zendehtdel</b> , Shirin Seyed Ghoreyshi , Fatemeh Rajabi , Zohreh Amini, Majid Mahdian Dehkordi , Hakimeh Nouri Parkestani	۹۱-۹۷	۲۰۲۲
۵۷	Doping metal-organic framework composites to antibacterial air filter development for quality control of indoor air	Environmental progress & sustainable energy			<b>Rezvan Zendehtdel</b> Mostafa M. Amini, Majid Hajibabaei Mohammad		

			٤١	٦	Javad Nasiri, Mohamad Javad Jafari  Masoumeh Karimi Alavijeh	١-١٠	٢٠٢٢
٥٨	Application of a novel exposure limit approach for co-exposure of chemicals: a field study by in-vitro design	International Journal of Environmental Health Research	٣٣	١٢	Masoomeh Vahabi Shekarloo, Zahra Panjali, Younes Mehrifar, Soleiman Ramezanifar, Seyed Husein Naziri, Aysa Ghasemi Koozekonan, Zahra Moradpour & <b>Rezvan Zendehdel</b>	١٢٦٩-١٢٧٧	٢٠٢٢
٥٩	Lung cell toxicity of co-exposure to airborne particulate matter and extremely low-frequency magnetic field	Xenobiotica	٥٢	٤	Zahra Panjalialia , Parviz Abdolmaleki , Behnam Hajipour-Verdom , Omar Hahad, and <b>Rezvan Zendehdel</b>	٣٧٠-٣٧٩	٢٠٢٢
٦٠	Release of Interleukin- $\beta$ evaluation among mineral oil mist-exposed workers	Toxicology and Industrial Health	٣٨	٥	Elham A Gandomani, Nariman Mosaffa , <b>Rezvan Zendehdel</b> , Mehrdad H Kohneshahri , Masoomeh Vahabi and Siamak Sabour	٢٧٠-٢٧٦	٢٠٢٢
٦١	Semi-quantitative Respiratory Health Risk Assessment of Exposure to Metalworking Fluids (Oil Mists) in an Automotive Industry	Journal of Chemical Health Risks	١٢	٠	Zahra Moradpour , Soleiman Ramezanifar , Elham Asgari Gandomani , <b>Rezvan Zendehdel</b>	١-٩	٢٠٢٢

۶۲	Selective Determination of n-Hexane and Methyl Ethyl Ketone (MEK) in Urine by Magnetic-Silica Aerogel-Based Molecularly Imprinted Polymers (MIPs) with Gas Chromatography – Flame Ionization Detection (GC-FID)	Analytical Letters	۵۶	۸	Masoomah Vahabi , Homeira Ebrahimzadeh , <b>Rezvan Zendehdel</b> , Niloofar Jalilian , and Soheila Khodakarim	۱-۱۰	۲۰۲۲
۶۳	DNA breaks evaluation of two water-based metalworking fluids by an occupational exposure design	Toxin Reviews	۴۲	۱	Zahra Moradpour, Parviz Abdolmaleki, Behnam Hajipour-Verdom, Ali Khavanin, Zahra Panjali, Nader Maghsudi, Mansoureh Hamidi & <b>Rezvan Zendehdel</b>	۳۴۲-۳۴۸	۲۰۲۳
۶۴	The Risk of Exposure To Pesticides on Autism Disorder: a Systematic Review and Meta-analysis	Journal of Chemical Health Risks	۱۳	۱	Ali Omidi, <b>Rezvan zendehdel</b> ,Neda Izady,Ali Akbar Sharifkhani, Zahra Moradpour,	۳۱-۴۲	۲۰۲۳
۶۵	Prediction of size-selective permitted daily exposures for mineral oil mist based on an in vitro study in different scenarios	International Journal of Environmental Health Research	۳۴	۲	Zahra Moradpour, <b>Rezvan Zendehdel</b> , Behnam Hajipour-Verdom, Parviz Abdolmaleki, Ali Khavanin & Masoomah Vahabi Shekarloo	۱۰۴۴-۱۰۵۲	۲۰۲۴
۶۶	Multi-metal Nanozyme properties for colorimetric peroxidase reaction: Overview of an applicable method validation for	Journal of Inorganic and Organometallic Polymers and Materials	۳۴	-	Fatemeh Ravannakhjavani, Somayeh Farhang Dehghan,	۸۱۸-۸۲۶	۲۰۲۴

	H <sub>2</sub> O <sub>2</sub> detection				Davod Panahi, Zahra Moradpour, <b>Rezvan Zendehdel</b>		
۶۷	Ionic liquid-supported CuO-ROD nanocomposite by dispersive solid phase extraction for sample preparation of some phthalates in bottled water	Journal of Food Composition and Analysis	۱۲۰	-	Ali Omidi , Shokooh Sadat Khaloo , <b>Rezvan Zendehdel</b> , Fatemeh Ravannakhjava ni , Soheila Khodakarim , Masoud Ghanbari kakavandi , Siamak Ashrafi Barzideh	۱۰۵۷۰۹- ۱۰۵۷۱۸	۲۰۲۴
۶۸	Application of The Headspace - Needle Trap Device Based on Molecularly Imprinted Polymer for Co-Extraction of Two Volatile Biomarkers in Urine	Journal of Health and Safety at Work	۱۳	۳	Masoomeh Vahabi Shekarloo, Siamak Ashrafi Barzideh, <b>Rezvan Zendehde</b>	۵۸۱-۶۰۰	۲۰۲۳
۶۹	The emerging potential of green-synthesized nanoparticles as colorimetric sensors for ammonia detection	Microchemical Journal	۱۹۶	-	Mohammad Amin Rashidi, Rezvan Zendehdel, Shahab Falahi, Soudabeh Ghodsi, Hori Ghaneialvar, Sajad Najafi	۱۰۹۶۴۶- ۱۰۹۶۵۷	۲۰۲۴
۷۰	Catalytic activity improvement by one- dimensional structure nanocomposite for hydrogen peroxide detection in occupational exposure monitoring	International Journal of Environmental Analytical Chemistry			Fatemeh Ravannakhjavani , Afsaneh Azimian, Parviz Abdolmaleki, Mehdi Sadeghigougheri, Ali Omidi, Mehrdad Helmi Kohnehsahri and <b>Rezvan Zendehdel</b>		۲۰۲۴

۷۱	Comparative study of molecularly imprinted polymer surface modified magnetic silica aerogel, zeolite Y, and MIL-۱۰۱(Cr) for dispersive solid phase extraction of fuel ether oxygenates in drinking water	Food Chemistry	۴۴۲	-	Vahid Jalili, Alireza Ghiasvand, Homeira Ebrahimzadeh, Masoomeh Vahabi, <b>Rezvan Zendehtdel</b>	۱۳۸۴۵۵- ۱۳۸۴۶۳	۲۰۲۴
۷۲	Human epithelial lung cell toxicity assessment of collected graphite particles from an iron casting industry (in vitro study)	International Journal of Environmental Health Research			<b>Rezvan Zendehtdel</b> , Omar Hahad and Zahra Panjali		
۷۳	Cell toxicity assessment in co-treatment to metalworking fluids and vibration: an in vitro study of occupational exposure setting	International Journal of Environmental Health Research	۳۴	۷	Zahra Moradpour, Ali Khavanin, Parviz Abdolmaleki, Behnam Hajipour-Verdom, Seyed Javad Mola, Mansoureh Hamidi and <b>Rezvan Zendehtdel</b>	۱-۱۰	۲۰۲۴
۷۴	Zinc Oxide Nanorod-Magnetized Silica Aerogel as a New Composite in Solid Phase Extraction for Phthalate Esters Detection: Optimization by Response Surface Methodology	Iranian Journal of Science	۴۸	-	Ali Omid <b>Rezvan Zendehtdel</b> Shokooh Sadat Khaloo Akbar Barzegar	۶۰۹-۶۲۳	۲۰۲۴
۷۵	Urinary biomonitoring of fuel ether oxygenates using a needle trap device packed with a novel molecularly imprinted polymer surface modified Zeolite Y	Journal of Chromatography A	۱۷۲ ۵	-	Vahid Jalili, Alireza Ghiasvand, Homeira Ebrahimzadeh, Rezvan Zendehtdel	۴۶۴۹۴۹- ۴۶۴۹۵۹	۲۰۲۴

### Published papers in Iranian Journal

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۱	Validation in extraction method for determination of morphine in plasma with zeolite Y	Research And Scientific journal of Azad University	۱۷	۶۴	<b>R.Zendehdel</b> , M.Zendehdel, M.Pirali Hamedani	۳۶- ۴۱	۲۰۰۷
۲	Exposure to Formaldehyde during Sterilization in Some Manufactures and Assessing Its Absorption by Zeolites	Iranian Journal of Toxicology	۳	۱	<b>R. Zendehdel</b> , M.Zendehdel, M. Ghazi- Khansari, H. Khiri <sup>۱</sup> , A Abdoli	۱-۱۰	۲۰۰۷
۳	Chronic exposure to chlorophenol related compounds in production workplace and kidney cancer: A meta-analysis	Journal of health in the field	۱	۳	<b>R.Zendehdel</b> , R. Tayefeh- Rahimian, A. Kabir	۴۱- ۴۷	۲۰۱۳
۴	The possibility of applying less tracer gas in ASHRAE-۱۱۰-۹۰ method of hood performance test	Journal of Safety Promotion and Injury Prevention	۱	۳	Jafari MJ, Kalantari S, <b>Zendehde R</b> , Sarbaksh P	۱۶۰- ۱۶۷	۲۰۱۳
۵	The performance of a spray tower in scrubbing H <sub>2</sub> S from air	Journal of Safety Promotion and Injury Prevention			Jafari MJ, Nourian S , <b>Zendehdel R</b> , Massoudinejad MR, Sarbaksh P, Rahmati AR, Mofidi AA	۳۲۱- ۳۲۸	۲۰۱۴
۶	Feasibility of Substituting Ethylene with SulfurHexa Fluoride as a Tracer Gas in Hood Performance Test by ASHRAE-۱۱۰-۹۰ Method.	Iranian Journal of occupational health	۶		M.J. Jafari, S. Kalantari, <b>R.Zendehdel</b> , and P.Sarbaksh.	۳۱- ۳۶	۲۰۱۴
۷	Evaluation of occupational exposure to formaldehyde from selected manufactures of dinnerware melamine production in Tehran	Journal of Safety Promotion and Injury Prevention,	۳	۲	TehranMazina ni M, Vahabi Shokrlou M, Khodakarim S, Kheiry H, Mosavi Mehraban AA, <b>Zendehdel R</b>	۱۱۱- ۱۱۶	۲۰۱۵
۸	The use of solid phase extraction method based on nano-zeolite Y to measure the amounts of trace heavy metals	J Health Syst Res ۲۰۱۵	۱۱	۲	<b>R.Zendehdel</b> , R.Tayefeh- Rahimian, Reza. Nodoushan	۱-۱۱	۲۰۱۵

	cadmium(Cd <sup>2+</sup> ) and Cr(Cr <sup>6+</sup> ) from aqueous solutions						
۹	Toluene vapors adsorption in the fixed and fluidized bed by Nano-Zeolite	Journal of Safety Promotion and Injury Prevention	۳	۳	Ansari S, Jafari MJ, Sedghi R, Rezazadeh Azari M, <b>Zendehdel R</b>	۱۵۵-۱۶۰	۲۰۱۵
۱۰	Blood Factors Changes due to Formaldehyde Exposure Study in Melamine Manufactures Workers	Journal of Safety Promotion and Injury Prevention	۴	۳	<b>Zendehdel R</b> , Hoseinabadi S, Rafeepour A, Zohreh Fazli Z, Vahaji N	۱-۷	۲۰۱۶
۱۱	Evaluation of Occupational Exposure and Biological Monitoring of Sand Washing Workers Exposed to Silica Dusts	Journal of Safety Promotion and Injury Prevention	۴	۳	Parsaseresht GR, Rezazadeh-Azari M, <b>Zendehdel R</b> , Hashemi-Nazari SS, Tavakol E	۱۳۵-۱۴۲	۲۰۱۶
۱۲	Non-carcinogenic risk assessment of occupational exposure to hexavalent chromium in two selected types of chrome electroplating workshops in Tehran	Journal of Health in the Field	۴	۱	Fazli Z, <b>Zendehdel R</b> , Panahi D, Omidi M, Sajedi J, Firouzeh N	۱۸-۲۴	۲۰۱۷
۱۳	Evaluation of Occupational exposure to n-Hexane and Aromatic Compounds among workers of Shoe Manufacturing Workshops in Tehran	Journal of occupational and Environmental Health	۲	۱	<b>Zendehdel R</b> , Sedghi R, Khodakarim S <sup>۳</sup> , Esmaili Tahneh	۹۹-۱۰۷	۲۰۱۶
۱۴	Bacterial bioaerosols determination in nurse stations in a governmental hospital in Tehran	Iranian Association of Environmental Health (IAEH)	۱۱	۲	Marziyeh Montazer, Neda Soleimani, <b>Rezvan Zendehdel*</b> , Ko orosh Etemad, Mehrno osh Abtahi, Maryam malmir	۲۸۱-۲۹۲	۲۰۱۷



۱۵	Effect of extremely low frequency magnetic field on the quantity and structure of hemoglobin of employees in electricity industry	Pathobiology Research	۲۲	۱	Alizadeh S,Zendehdel R,Asadi S,Ranjbar M,Mahmoodi M,Motevalian M,Hosseini A.	۱-۵	۲۰۱۹
۱۶	Relative Risk Assessment of Irritating Effects in Occupational Exposure to Metalworking Fluids Mists in Selected Lathes in Tehran	Journal of Health in the Field	۹	۲	Elham Asgari Gandomani, <b>Rezvan Zendehdel</b> , Masoomeh Vahabi Shekarloo, Alireza Ebrahimi Hariri, Fahimeh Haji Esmaeil Hajjar, Masoud Mirzaei	۵۴-۶۲	۲۰۲۱

### Books

Author(s)	Editor	Title	Publisher	Site of Publication	Year of Publication
FH. Shirazi, A. Zarghi, F. Kobarfard, <b>R. Zendehdel</b> , M.Nakhjavani, S.Arfaiee	Open access	Remarks in Successful Cellular Investigations for Fighting Breast Cancer Using Novel Synthetic Compounds	Open access	DOI: ۱۰,۵۷۷۲/۲۳۰۰۰	۲۰۱۱
<b>R. Zendehdel</b>	Shahid Beheshti University of Medical Science	Chemometrics in Public Health and Medicine	Teimorzade Novine	-	۲۰۱۶
<b>R. Zendehdel</b>	Shahid Beheshti University of Medical Science	Biological Perspective in Modern Occupational Toxicology	Roshani	-	۲۰۲۱
<b>R. Zendehdel</b> , Masoomeh Vahabi Shekarlu, Zahra Panjali	Shahid Beheshti University of Medical Science	An Introduction to Dose-Response Models	Roshani	-	۲۰۲۱