Isfahan University of medical sciences

Curriculum Vitae (CV)

First Name: **Last Name:**

Isfahan University of medical sciences, HezarJerib.st.	
Department	School of health
Faculty	Environmental health engineering
E-mail	Fm_1363@hlth.mui.ac.ir
Homepage	http://hlth.mui.ac.ir/%D8%AF%DA%A9%D8%AA%D8%B1-
Cell Phone	00989134733362
Work Phone	00983137923237
Position Title	Faculty member

RESEARCH IDs

Item	Web address
mui	http://hlth.mui.ac.ir
scopus	https://www.scopus.com/freelookup/form/author.uri
Web of science	http://www.researcherid.com/ViewProfileSearch.action

EDUCATION AND TRAINING

INSTITUTION AND LOCATION	DEGREE *(if applicable)*	Completion Date MM/YYYY	FIELD OF STUDY
Isfahan university of medical sciences	PhD	January 30, 2018	Environmental health engineering
Isfahan university of technology	MS	March 13, 2011	Civil- Environmental engineering
Isfahan university of technology	BS	September 22, 2007	Civil engineering

RESEARCH INTEREST

- **Modelling in environmental pollutants removal**
- **Wastewater treatment**
- **Biological treatment**
- **Artificial intelligence**

POSITIONS AND EMPLOYMENT

Assistant Professor of Isfahan University of Medical Sciences

Director of Process Design Unit of Pars Arian Ab Consulting Engineers Co.

Adjunct Professor of Payam nour University of Isfahan

Adjunct Professor of Aghigh University of Isfahan

PUBLICATIONS AND CONTRIBUTIONS (2017 until now)

Index	Journal name	Title
ISI	Biomedical journal	Comparative Study of COVID-19 infected patient characteristics in 6 provinces of Iran and diagnostic modelling by Artificial Neural Network and Logistic Regression
ISI	Biochemical Engineering Journal	Modeling and sensitivity analysis of the alkylphenols removal via moving bed biofilm reactor using artificial neural networks: Comparison of levenberg marquardt and particle swarm optimization training algorithms
ISI	Journal of Environmental Chemical Engineering	Modelling the phytoremediation of formaldehyde from indoor air by Chamaedorea Elegans using artificial intelligence, genetic algorithm and response surface methodology
ISI	Biochemical Engineering Journal	Steroid hormone removal from wastewater by a moving-bed biofilm reactor: Artificial intelligence modeling, optimization, and sensitivity analysis approach
ISI	Chemosphere	Modelling and optimizing pyrene removal from the soil by phytoremediation using response surface methodology, artificial neural networks, and genetic algorithm

Index	Journal name	Title
ISI	Desalination and water treatment	Investigation of photocatalytic activity of synthesized zinc stannate for tetracycline antibiotic degradation: modelling and optimization through RSM, ANN and genetic algorithm
ISI	Chinese Journal of Chemical Engineering	Determination of 4-NonylPhenol and 4-tert-octylphenol compounds in various types of wastewater and their removal rates in different treatment processes in nine wastewater treatment plants of Iran
ISI	Canadian Journal of Chemical Engineering	Evaluation of the effects of AlkylPhenolic compounds on kinetic Parameters in Moving Bed Biofilm Reactor
ISI	Chinese Journal of Chemical Engineering	Evaluation of the effects of AlkylPhenolic compounds on kinetic coefficients and biomass activity in MBBR by means of respirometric techniques
ISI	Journal of water chemistry and technology	Artificial Neural Network Modeling of Chromium (VI) Biosorption from Aqueous Solutions
ISI	Chinese Journal of Chemical Engineering	Biodegradation of natural and synthetic estrogens in moving bed bioreactor
ISI	Chinese Journal of Chemical Engineering	The occurrence, fate, and distribution of natural and synthetic hormones in different types of wastewater treatment plants in Iran
ISI	Journal of Safety, Environment, and Health Research (JSEHR)	Using artificial neural network and genetic algorithm to predict the performance of full scale wastewater treatment plant with A-B process
ISI	Desalination and water treatment	An artificial neural network and genetic algorithm for the modeling and optimization of the photocatalytic removal of an aquatic dye by g-C_3N_4/N-TiO_2 nanoparticles
SCOPUS	Water Resources and Industry	degradation of reactive red 198 by TiO2 / Fe3O4 nanoparticles with synergistic effect of persulfate under UV-LED irradiation and the Comparison of OFAT and CCD experimental design in RSM modelling
Chemical Abstracts Service (CAS)	Journal of advances in environmental health research	Coupling adsorption by NiO Nano powder with UV/H_2O_2 process for the Cr(VI) removal

Index	Journal name	Title
CUPERNICUS	Iranian Journal of Health and Environment	Application of artificial neural network (ANN) in Biosorption modeling of Chromium (VI) from aqueous solutions
CUPERNICUS	Journal of Environmental Health and Sustainable Development	Using Generation 3 Polyamidoamine Dendrimer (PAMAM G3)as adsorbent for the Removal of Pentavalent Arsenic from Aqueous Solutions
Chemical Abstracts Service (CAS)	Current World Environment	Modeling of Activated Sludge with ASM1 Model, Case Study on Wastewater Treatment Plant of South of Isfahan
Chemical Abstracts Service (CAS)	Water &Wastewater	Sorption of Chromium (VI) Using Excess Municipal Sludge
CUPERNICUS	Cumhuriyet University Faculty of Science Journal (CSJ)	Biosorption of Cr (VI) from aqueous solution using excess municipal sludge)
Compendex	International journal of Environmental Engineering	Isotherms for the biosorption of Cr (VI) using excess municipal sludge
2nd International and 20th National Conference on Environmental Health and Sustainable Development,Yazd, Iran		Assessing the Effects of AlkylPhenolic Compounds on Kinetic Parameters in Moving Bed Biofilm Reactor
2nd International and 20th National Conference on Environmental Health and Sustainable Development,Yazd, Iran		The Occurrence, Fate, and Distribution of Natural and Synthetic Hormones in Different Types of Wastewater Treatment Plants in Iran
The 1st International and 19th National Conference on Environmental Health and Sustainable Development in Tehran, Iran (Oral)		Evaluation of Biodegradation of Estrogens using Moving Bed Bio-Reactor (MBBR)
The 1st International and 19th National Conference on Environmental Health and Sustainable Development in Tehran, Iran		Kinetic Coefficients Determination of Steroid Hormones in Moving Bed Biofilm Reactor (MBBR) by Respirometric Method

TEACHING EXPERIENCE

COURSE TITLE
Fluid mechanics
Statics
Thermodynamics and heat transfer
hydraulics
hydrology
Modelling in environmental engineering
Introduction to modelling in environmental health engineering
Technical drawing
Water treatment plant design
Wastewater treatment plant design
General Environmental Health
AutoCAD software training
Water Transmission and Distribution systems (Theoretical and practical)
…