




# Ali Jafari, Ph.D.

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## Professional Experience

- 2022 till now: Associate Professor, Department of Environmental Health Engineering, School of Health, KUMS.
- 2020 till 2022: Associate Professor, Department of Environmental Health Engineering, School of Health, LUMS.
- 2015 till 2020: Assistant Professor, Department of Environmental Health Engineering, School of Health, LUMS.
- 2004 till 2015: Lecturer, Department of Environmental Health Engineering, School of Health, LUMS.
- Head of department of environmental health engineering, Faculty of health and nutrition, Khorramabad, 2006-2010.
- Deputy of education, Faculty of Health and Nutrition, Khorramabad, 2015 - 2020.
- Member of Iranian Association of Environmental Health (IAEH) since 2000
- Editorial board and reviewer of professional national and international journals.

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<https://scholar.google.com/citations?user=XHkhCEAAAAJ&hl=en>

## Biography

Dr. Ali Jafari, a faculty member at Department of Environmental Health Engineering in Kermanshah faculty of health, is a distinguished scholar with a PhD from the University of Tehran University of Medical Sciences. With over 150 scholarly articles and a book to his name, he has made significant contributions to the field of Environmental Health issues. His extensive research and publications have garnered considerable recognition within the academic community. Beyond his academic pursuits, he has also held various administrative positions, demonstrating his commitment to both research and practical application of Environmental Health Engineering principles.

## Education

- Ph.D Environmental Health Engineering Tehran University of Medical Sciences (TUMS) 2010-2015
- M.S. Environmental health Engineering, Tehran University of Medical Sciences(TUMS), 2002-2004.
- B.S. Environmental health Engineering, Kermanshah University of Medical Sciences(KUMS), 1998- 2002.



## Teaching Background

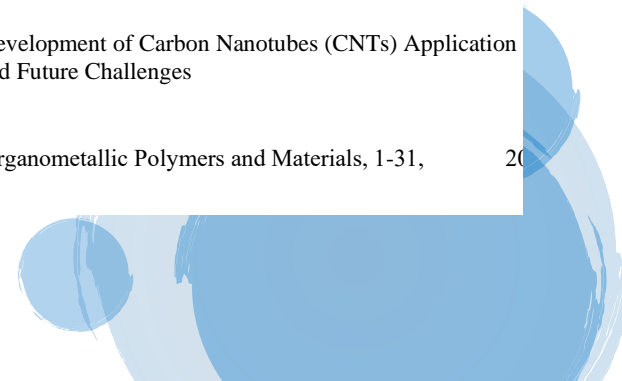
2004-Present

- ✓ Solid waste management
- ✓ Environmental chemistry
- ✓ Water treatment process
- ✓ Wastewater treatment process
- ✓ Industrial wastewater treatment
- ✓ Hydraulics and fluid mechanics
- ✓ Research methodology
- ✓ Special English for Environmental health
- ✓ Water Safety Plan
- ✓ Environmental Health management
- ✓ Water quality and management
- ✓ Water distributions systems and design

## Research Interests:

Dr. Jafari 's research mainly focuses on water quality monitoring an assessment and also technologies for water purification (membrane process, adsorption and coagulation). He also interested in monitoring and assessment of different pollutant in environment. Environmental determinant on human and environment and related health.

## Journal Articles

- Removal of Pyrocatechol from Aqueous Solution Using Activated Carbon Coated  
B Kamarehie, **A Jafari**, F Azimi, M Rashidipour, A Sepahvand  
Health Scope 2024
  - A Systematic Review on Fluoride Contamination in Water Resources of Iran from Probabilistic Risk Assessment (Monte Carlo Simulation)  
D Nayeri, H Elyasi, **A Jafari**, MR Ghalhari  
Biological Trace Element Research, 1-18,2024
  - A Review on the Recent Development of Carbon Nanotubes (CNTs) Application Synthesis, Performance, and Future Challenges  
D Nayeri, **A Jafari**  
Journal of Inorganic and Organometallic Polymers and Materials, 1-31, 20
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- The Using of Plain PAC and PAC Impregnated with MgO and Fe<sub>2</sub>O<sub>3</sub> as Catalysts for the D Homogenous and Heterogeneous Ozonation  
AA Mohammadi, B Kamarehie, **A Jafari**, N Hosseingholizade, ...  
Turkish Journal of Fisheries and Aquatic Sciences 24 (6),2024
- Loaded paraquat on polymeric nanocapsules and evaluation for cardiotoxicity in Wistar rats  
**A Jafari**, E Nazari, M Ghaderpoori, M Rashidipour, A Nazari, ...  
International journal of environmental health research 34 (3), 1284-1298, 2024
- Optimisation and modelling of direct blue 86 removal from aqueous solutions by cationic su  
S Naseri, M Alimohammadi, AH Mahvi, R Nabizadeh, **A Jafari**, ...  
International Journal of Environmental Analytical Chemistry 103 (19), 8129-8140, 2023

