



**First name:** Ali Akbar

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## Educational Background

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**P.h.D.** Tehran University of Medical Sciences, Faculty of public health, Department of environmental health engineering, Tehran, Iran. 2013 - Jun 2019.

**Thesis title:** Investigating the removal of Bisphenol A from aqueous solutions by using the Bionano composite scaffold.

**M.Sc.** Tehran University of Medical Sciences, Faculty of public health, Department of environmental health engineering, Tehran, Iran. Feb 2007 - Jun 2009.

**Thesis title:** Study on the removal of Nitrate from aqueous solutions by using the Nano Zero Valant Iron.

**B.Sc.** Tehran University of Medical Sciences, Faculty of public health, Department of environmental health engineering, Tehran, Iran. Feb 2002 - Jun 2004.

**Associate.** Shahrood University of Medical Sciences, Faculty of public health, Department of environmental health engineering, Shahrood, Iran. Sep 2000 - Jun 2002.

## Memberships

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1. Faculty member of Neyshabur University of medical sciences, Neyshabur Iran. (2014-2021).
2. Faculty member of Babol University of medical sciences, Babol Iran (2009- 2012).

## Scientific projects

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- Title:** Evaluation of removal of ciprofloxacin antibiotic from aqueous solutions using functionalized and magnetic multilayer carbon nanotubes. (2019).

**Main contributors:** Ali Esrafilı , Mahmood Yousefi , Mohammadi A,A. Mitra G

**Sponsor:** Iran University Medical Sciences, Tehran, Iran.
- Title:** Evaluation of groundwater quality in Torbat Heydariyeh and Neishabour using WQI, corrosion and sedimentation. (2018).

**Main contributors:** Mohammadi, A.A., Morovati, M., Najafi Saleh, H., (...).

**Sponsor:** Neyshabur University of Medical Sciences, Neyshabur, Iran.
- Title:** Investigation of Heavy Metals Accumulated in Irrigated Vegetables with Different Water Sources: A Farm-to-Table Approach. (2016).

**Main contributors:** Javan S., Kazemimoghadam V., Mohammadi A,A (...).

**Sponsor:** Neyshabur University of Medical Sciences, Neyshabur, Iran.
- Title:** Application of different screening methods in the evaluation of antibiotic residues in raw and pasteurized milk produced in Neishabour in 2016

**Main contributors:** Alimohammadi, M., Askari, S.G., Azghadi, N.M., (...), Rezvani, R., Mohammadi, A.A.

**Sponsor:** Neyshabur University of Medical Sciences, Neyshabur, Iran.
- Title:** Determination of p-cresol removal from aqueous solutions by alumina-doped carbon nanotubes (2016).

**Main contributors:** Mohammadi, A.A. Jafari J.

**Sponsor:** Neyshabur University of Medical Sciences, Neyshabur, Iran.
- Title:** Health risk assessment to fluoride and nitrate in drinking water of rural residents living in the Bardaskan City(2016).

**Main contributors:** Najafi Saleh, H., Mohammadi, A.A.

**Sponsor:** Students Research Committee, Neyshabur University of Medical Sciences, Neyshabur, Iran.
- Title:** Assessing fluoride and nitrate contaminants in drinking water resources and their health risk assessment in a Semiarid region of Southwest Iran (2016).

**Main contributors:** Mohammadi, A.A., Azhdarpoor, A., Radfard, M., (...),Yousefi, M.

**Sponsor:** Students Research Committee, Neyshabur University of Medical Sciences, Neyshabur, Iran
- Title:** Association of Hypertension, Body Mass Index, and Waist Circumference with Fluoride Intake; Water Drinking in Residents of Fluoride Endemic Areas, Iran

**Main contributors:** Mohammadi, A.A.Yousefi, M., Yaseri, M, Mahvi, A.H.,

**Sponsor:** Students Research Committee, Neyshabur University of Medical Sciences, Neyshabur, Iran.
- Title:** Association of consumption of excess hard water, body mass index and waist circumference with risk of hypertension in individuals living in hard and soft water areas.

**Main contributors:** Mohammadi, A.A. Yousefi, M., Yaseri, M., Jalilzadeh, M.,

**Sponsor:** Students Research Committee, Neyshabur University of Medical Sciences, Neyshabur, Iran.

10. **Title:** Study on trend changes of drinking groundwater resources quality: A case study in Abhar  
**Main contributors:** Mohammadi, A.A. Yousefi, M., Dehghani, M.H., Nasab, S.M.  
**Sponsor:** Students Research Committee, Neyshabur University of Medical Sciences, Neyshabur, Iran.
11. **Title:** investigation water quality index for the groundwater in rural area Neyshabur County, Razavi province, Iran.  
**Main contributors:** Ali Akbar Mohammadi, Yousefi, M., Saleh, H.N.,  
**Sponsor:** Students Research Committee, Neyshabur University of Medical Sciences, Neyshabur, Iran.
12. **Title:** High Concentration of Fluoride Can Be Increased Risk of Abortion.  
**Main contributors:** Ali Akbar Mohammadi Moghaddam, V.K., Yousefi, M., Khosravi, A..  
**Sponsor:** Students Research Committee, Neyshabur University of Medical Sciences, Neyshabur, Iran.
13. **Title:** Investigation on acid black 1 dye adsorption from aqueous solutions by low-cost adsorbent- Cerastoderma lamarcki shell collected from the northern coast of Caspian Sea  
**Main contributors:** Ali Akbar Mohammadi. Najafi Saleh, H, Yousefi, M.  
**Sponsor:** Neyshabur University of Medical Sciences, Neyshabur, Iran.
14. **Title:** Study on Metal-organic framework UiO-66 for adsorption of methylene blue dye from aqueous solutions  
**Main contributors:** Mohammadi, A.A , M., Ghaderpoori, M.  
**Sponsor:** Neyshabur University of Medical Sciences, Neyshabur, Iran.
15. **Title:** Two-dimensional zeolitic imidazolate framework-8 for efficient removal of phosphate from water, process modeling, optimization, kinetic, and isotherm studies  
**Main contributors:** Mohammadi, A.A., Zarei, A., Shams, M.  
**Sponsor:** Neyshabur University of Medical Sciences, Neyshabur, Iran.
16. **Title:** investigation heavy metal contamination on the groundwater in Neyshabur County,  
**Main contributors:** Ali Akbar Mohammadi, Yousefi, M., Saleh, H.N.,  
**Sponsor:** Students Research Committee, Neyshabur University of Medical Sciences, Neyshabur, Iran.
17. **Title:** Assessment of Heavy Metal Pollution and Human Health Risks Assessment in Soils Around an Industrial Zone in Neyshabur, Iran.  
Mohammadi, A.A., Zarei, A., (...), Sedighi, F., Javan, S  
**Sponsor:** Students Research Committee, Neyshabur University of Medical Sciences, Neyshabur, Iran
18. **Title:** Assessment health status of ICU medical equipment levels at Neyshabur hospitals using ICNA and ACC indices  
**Main contributors:** Najafi Saleh, H., Kavosi, A., Pakdel, M., (...), Baghal Asghari, F., Mohammadi, A.A.  
**Sponsor:** Neyshabur University of Medical Sciences, Neyshabur, Iran.
19. **Title:** study on knowledge, attitude and practices of biomedical wastes management among Neyshabur hospital's healthcare personnel  
**Main contributors:** Alimohammadi, M., Navai, H., Mohammadi, A

**Sponsor:** Students Research Committee, Neyshabur University of Medical Sciences, Neyshabur, Iran

20. **Title:** Temporal and spatial variation of chemical parameter concentration in drinking water resources of Bandar-e Gaz City using geographic information system.

**Main contributors:** Mohammadi, A.A., Mahvi, A.H.

**Sponsor:** Tehran University of Medical Sciences, Tehran, Iran.

21. **Title:** Study on Nitrate and nitrite in available bottled water in babol (Mazandaran; Iran) in summer 2010 .

**Main contributors:** Mohammadi, A.A. Amouei, A., Koshki, Z., (...), Fallah, S.H.,

**Sponsor:** Babol University Medical Sciences, Babol, Iran.

22. **Title:** Determine the Concentration of Nitrate and Nitrite in Drinking Water in Rural and Urban Areas (2012) .

**Main contributors:** Mohammadi, A.A., Amouei, A., Koshki, Z., (...), Fallah, S.H.,

**Sponsor:** Babol University Medical Sciences, Babol, Iran.

## Technical skills

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- MS. Office
- R (statistical Analysis)

## Workshops

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Teacher and presenter in more than 10 workshops and participated in more than 20 different workshops in epidemiology, research methodology, article writing.

## Fields of Study

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Environmental Mentoring, Risk Assessment, Environmental Pollution, Adsorption

## Reviewer for scientific journals

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1. Science and total environment
2. Environmental Management
3. Scientific Reports
4. Environmental Science and Pollution Research
5. Journal of Environmental Health Science and Engineering
6. Biomass Conversion and Bio refinery
7. International Journal of Environmental science and technology
8. Clean Energy Journal
9. Human and ecological risk assessment
10. Biological Trace Element
11. Geomicrobiology Journal
12. Desalination and water treatment
13. Environmental Engineering Research.
14. Environmental Risk Assessment
15. BMC Health Services Research
16. International Journal of Environmental Analytical Chemistry
17. Method X
18. Data brief

## Conferences

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## Published papers in international Journals

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1. Ali, S., Khan, S.U., Gupta, S.K., (...), Abbasnia, A., **Mohammadi, A.A.** Health risk assessment due to fluoride exposure from groundwater in rural areas of Agra, India: Monte Carlo simulation. **International Journal of Environmental Science and Technology 2021.**
2. Moghanlo, S., Alavinejad, M., Oskoei, V., (...), **Mohammadi, A.A.**, DerakhshanNejad, Z. Using artificial neural networks to model the impacts of climate change on dust phenomenon in the Zanjan region, north-west Iran. **Urban Climate.2021.** 35,100750.
3. Zakeri, H.R., Yousefi, M., Mohammadi, A.A., ...Salehnia, S., Hosseinzadeh, A. Chemical coagulation-electro fenton as a superior combination process for treatment of dairy wastewater: performance and modelling. **International Journal of Environmental Science and Technology 2021.**
4. Khan, A.H., Khan, N.A., Ahmed, S., ...Khursheed, A., Ali, I. Application of advanced oxidation processes followed by different treatment technologies for hospital wastewater treatment. **Journal of Cleaner Production, 2020,** 269, 122411.
5. **Mohammadi, A.A.**, Dehghani, M.H., Mesdaghinia, A., Yaghmaian, K., Es'haghi, Z. Adsorptive removal of endocrine disrupting compounds from aqueous solutions using magnetic multi-wall carbon nanotubes modified with chitosan biopolymer based on response surface methodology: Functionalization,

kinetics, and isotherms studies. **International Journal of Biological Macromolecules**, 2020, 155, pp. 1019–1029.

6. Bandpi, A.M., Eslami, A., Ghaderpoori, M., ...Alinejad, A., Sadeghi, S. Characteristics and sources of water-soluble ionic associated with PM2.5 particles and cytotoxicity effects using MTT assay in Tehran, Iran. **Urban Climate**, 2020, 32, 100612.
7. Rezania, S., Oryani, B., Cho, J., ...Rupani, P.F., **Mohammadi, A.A.** Different pretreatment technologies of lignocellulosic biomass for bioethanol production: An overview. **Energy**, 2020, 199, 117457.
8. **Mohammadi, A.A.**, Zarei, A., Esmaeilzadeh, M., ...Sedighi, F., Javan, S. Assessment of Heavy Metal Pollution and Human Health Risks Assessment in Soils Around an Industrial Zone in Neyshabur, Iran. **Biological Trace Element Research**, 2020, 195(1), pp. 343–352.
9. Najafi Saleh, H., Valipour, S., Zarei, A., ...Ghalehaskar, S., Assessment of groundwater quality around municipal solid waste landfill by using Water Quality Index for groundwater resources and multivariate statistical technique: a case study of the landfill site, Qaem Shahr City, Iran. **Environmental Geochemistry and Health**, 2020, 42(5), pp. 1305–1319.
10. Kamal Ghadiri, S., Alidadi, H., Nezhad, N.T., ...Shams, M., **Mohammadi A.A.** Valorization of biomass into amine functionalized bio graphene for efficient ciprofloxacin adsorption in water-modeling and optimization study. **PLoS ONE**, 2020, 15(4), e0231045.
11. Shams, M., Tavakkoli Nezhad, N., Dehghan, A., (...), **Mohammadi, A.A.**, Zarei, A. Heavy metals exposure, carcinogenic and non-carcinogenic human health risks assessment of groundwater around mines in Joghatai, Iran. **International Journal of Environmental Analytical Chemistry**.2020.
12. Saghi, M.H., Qasemi, M., **Mohammadi, A.A.**, Kowsari, M.H., Shams, M. Fluoride removal from aqueous solution by municipal solid waste compost ash: kinetics, and isotherms studies. **International Journal of Environmental Analytical Chemistry**.2020.
13. Massoudinejad, M., **Mohammadi, A.**, Sadeghi, S., (...), Sahebi, S., Alinejad, A. Arsenic adsorption over dodecahedra ZIF-8 from solution aqueous: modelling, isotherms, kinetics and thermodynamics. **International Journal of Environmental Analytical Chemistry**.2020.
14. Mirdoraghi, M., Einor, D., Baghal Asghari, F., (...), **Mohammadi, A.A.**, Yousefi, M. Assess the annual effective dose and contribute to risk of lung cancer caused by internal radon 222 in 22 regions of Tehran, Iran using geographic information system. **Journal of Environmental Health Science and Engineering**, 2020:18(1), pp. 211-220.

15. Dehghani, M.H., Hopke, P.K., Asghari, F.B., **Mohammadi, A.A.**, Yousefi, M. The effect of the decreasing level of Urmia Lake on particulate matter trends and attributed health effects in Tabriz, Iran. **Microchemical Journal**2020: 153,104434.
16. Alimohammadi, M., Askari, S.G., Azghadi, N.M., (...), Rezvani, R., **Mohammadi, A.A.** Antibiotic residues in the raw and pasteurized milk produced in Northeastern Iran examined by the four-plate test (FPT) method. **International Journal of Food Properties**,2020: 23(1), pp. 1248-1255.
17. Mohammadi, A.A., Morovati, M., Najafi Saleh, H., (...), Kalteh, S., Sadeghi, S. Groundwater quality evaluation for drinking and industrial purposes. A case study in Northeastern Iran. **International Journal of Environmental Analytical Chemistry**.2020.
18. Saleh, H.N., Panahande, M., Yousefi, M., (...), Talae, E., **Mohammadi, A.A.** Carcinogenic and Non-Carcinogenic Risk Assessment of Heavy Metals in Groundwater Wells in Neyshabur Plain, Iran. **Biological Trace Element Research**, 2019: 190(1), pp. 251-261.
19. Yousefi, M., Ghalehaskar, S., Asghari, F.B., (...), Ghaderpoori, M., **Mohammadi, A.A.** Distribution of fluoride contamination in drinking water resources and health risk assessment using geographic information system, northwest Iran. **Regulatory Toxicology and Pharmacology**, 2019: 107,104408.
20. Yousefi, M., Arami, S.M., Takallo, H., (...), Soleimani, H., **Mohammadi, A.A.** Modification of pumice with HCl and NaOH enhancing its fluoride adsorption capacity: Kinetic and isotherm studies. **Human and Ecological Risk Assessment**, 2019:25(6), pp. 1508-1520.
21. Ayub, S., **Mohammadi, A.A.**, Yousefi, M., Changani, F. Performance evaluation of agro-based adsorbents for the removal of cadmium from wastewater. **Desalination and Water Treatment**, 2019:142, pp. 293-299.
22. Radfard, M., Gholizadeh, A., Azhdarpoor, A., (...), **Mohammadi, A.A.**, Yousefi, M. Health risk assessment to fluoride and nitrate in drinking water of rural residents living in the Bardaskan City, Arid Region, Southeastern Iran. **Desalination and Water Treatment**,2019: 145, pp. 249-256.
23. Yousefi, M., Nabizadeh, R., Alimohammadi, M., **Mohammadi, A.A.**, Mahvi, A.H. Removal of phosphate from aqueous solutions using granular ferric hydroxide process optimization by response surface methodology. **Desalination and Water Treatment**,2019 158, pp. 290-300.
24. Dehghan, A., **Mohammadi, A.A.**, Yousefi, M., (...), Shams, M., Rezanian, S. Enhanced kinetic removal of ciprofloxacin onto metal-organic frameworks by sonication, process optimization and metal leaching study. **Nanomaterials**,2019: 9(10),1422.
25. Yousefi, M., Najafi Saleh, H., Yaseri, M., Jalilzadeh, M., **Mohammadi, A.A.** Association of consumption of excess hard water, body mass index and waist circumference with risk of hypertension in individuals living in hard and soft water areas. **Environmental Geochemistry and Health**, 2019 41(3), pp. 1213-1221.
26. Esmaeilzadeh, M., Jaafari, J., **Mohammadi, A.A.**, (...), Javid, A., Javan, S. Investigation of the extent of contamination of heavy metals in agricultural soil

- using statistical analyses and contamination indices. **Human and Ecological Risk Assessment,2019**: 25(5), pp. 1125-1136
27. Yousefi, M., Asghari, F.B., Zuccarello, P., (...), **Mohammadi, A.A.**, Ferrante, M. Spatial distribution variation and probabilistic risk assessment of exposure to fluoride in ground water supplies: A case study in an endemic fluorosis region of northwest Iran. **International Journal of Environmental Research and Public Health,2019**: 16(4),564.
  28. Yousefi, M., Moghaddam, V.K., Nasab, S.M., (...), Asghari, F.B., **Mohammadi, A.A.** Northwest of Iran as an endemic area in terms of fluoride contamination: A case study on the correlation of fluoride concentration with physicochemical characteristics of groundwater sources in showt. **Desalination and Water Treatment,2019**: 155, pp. 183-189.
  29. Mehri, A., Sajedifar, J., Abbasi, M., (...), Teimori, G.H., Zakerian, S.A. Safety evaluation of lighting at very long tunnels on the basis of visual adaptation. **Safety Science,2019**: 116, pp. 196-207.
  30. Yousefi, M., Nabizadeh, R., Alimohammadi, M., **Mohammadi, A.A.**, Mahvi, A.H. Performance of granular ferric hydroxide process for removal of humic acid substances from aqueous solution based on experimental design and response surface methodology. **MethodsX,2019**: 6, pp. 35-42.
  31. Karami, M.A., Fakhri, Y., Rezanian, S., (...), Saghi, M.H., Ahmadpour, M. Non-carcinogenic health risk assessment due to fluoride exposure from tea consumption in Iran using monte carlo simulation. **International Journal of Environmental Research and Public Health,2019**: 16(21),4261.
  32. Asghari, F.B., Pakdel, M., Mohammadi, A.A., Yousefi, M. Spatial and temporal variation of physicochemical and microbial quality of drinking water for the distribution network in Maku, Iran. **Desalination and Water Treatment, 2019**: 142, pp. 82-89.
  33. Alidadi, H., Mohammadi, A.A., Najafpoor, A.A., (...), Zamand, S., Taghavimanesh, V. Survey of wastes management status of Khayyam industrial estate in Neyshabur City (Northeastern Iran) in 2017. **MethodsX,2019**: 6, pp. 482-491.
  34. Bidkhori, M., Yousefi, M., Rohani, H., Ebrahimi, H., **Mohammadi, A.A.** The influence of the use of improved sanitation facilities and improved drinking-water sources on the diarrhea-associated deaths in children under 5 years. **Human and Ecological Risk Assessment,2019**: 25(5), pp. 1234-1241.
  35. Alinejad, A., Sadeghi, S., Ghaderpoori, M., (...), Gholampour, Y., Khani Jaihooni, A. High adsorption of methylene blue from aqueous solutions using leaf-shaped ZIF-8. **International Journal of Environmental Analytical Chemistry 2019**.
  36. Bolghanabadi, S., **Mohammadi, A.**, Kohnavard, B., Delkhosh, M. The relation between heat strain and hydration status in the food industry employees in Mashhad, 2014. **Polish Annals of Medicine, 2019**:26(1), pp. 30-35.
  37. Saghi, M.H., **Mohammadi, A.A.**, Ghaderpoori, M., Ghaderpoury, A., Alinejad, A. Estimate the effective dose of gamma radiation in Iran cities: lifetime cancer risk by Monte Carlo simulation model. **Environmental Geochemistry and Health,2019**: 41(6), pp. 2549-2558.

38. Kavosi, A., Rohaninasab, M., Shirdelzadeh, S., (...), Hosseini, M., **Mohammadi, A.A.** Evaluation of safety standards accomplishment in educational hospitals of Neyshabur University of Medical Sciences-Iran. **MethodsX**, **2019**: 6, pp. 527-533.
39. Asgari, G., Ghalehaskar, S., Moghaddam, V.K., (...), **Mohammadi, A.A.**, Faraji, H. Monitoring and health risk assessment of fluoride in drinking water in Babol, Mazandaran Province, Iran. **Desalination and Water Treatment**, **2019**: 165, pp. 141-147.
40. Abbasnia, A., Alimohammadi, M., Mahvi, A.H., (...), Pasalari, H., Mirzabeigi, M. Assessment of groundwater quality and evaluation of scaling and corrosiveness potential of drinking water samples in villages of Chabahr city, Sistan and Baluchistan province in Iran. **Data in Brief**, **2018**: 16, pp. 182-192.
41. Asghari, F.B., Jaafari, J., Yousefi, M., **Mohammadi, A.A.**, Dehghanzadeh, R. Evaluation of water corrosion, scaling extent and heterotrophic plate count bacteria in asbestos and polyethylene pipes in drinking water distribution system. **Human and Ecological Risk Assessment**, **2018**:24(4), pp. 1138-1149.
42. Yousefi, M., Yaseri, M., Nabizadeh, R., (...), Mahvi, A.H., **Mohammadi, A.A.** Association of Hypertension, Body Mass Index, and Waist Circumference with Fluoride Intake; Water Drinking in Residents of Fluoride Endemic Areas, Iran. **Biological Trace Element Research**, **2018**: 185(2), pp. 282-288.
43. Yousefi, M., Saleh, H.N., Mahvi, A.H., (...), Nabizadeh, R., **Mohammadi, A.A.** Data on corrosion and scaling potential of drinking water resources using stability indices in Jolfa, East Azerbaijan, Iran. **Data in Brief**, **2018**:16, pp. 724-731.
44. Najafi Saleh, H., Dehghani, M.H., Nabizadeh, R., (...), Yousefi, M., **Mohammadi, A.** Data on the acid black 1 dye adsorption from aqueous solutions by low-cost adsorbent- *Cerastoderma lamarcki* shell collected from the northern coast of Caspian Sea. **Data in Brief**, **2018**: 17, pp. 774-780.
45. Jaafari, J., Ghozikali, M.G., Azari, A., (...), Tkachev, A.G., Burakov, A.E. Adsorption of p-Cresol on Al<sub>2</sub>O<sub>3</sub> coated multi-walled carbon nanotubes: Response surface methodology and isotherm study. **Journal of Industrial and Engineering Chemistry**, **2018**: 57, pp. 396-404.
46. Moghaddam, V.K., Yousefi, M., Khosravi, A., (...), Robati, Z., **Mohammadi, A.A.** High Concentration of Fluoride Can Be Increased Risk of Abortion. **Biological Trace Element Research**, **2018**:185(2), pp. 262-265.
47. **Mohammadi, A.A.**, Zarei, A., Alidadi, H., Afsharnia, M., Shams, M. Two-dimensional zeolitic imidazolate framework-8 for efficient removal of phosphate from water, process modeling, optimization, kinetic, and isotherm studies. **Desalination and Water Treatment**, **2018**: 129, pp. 244-254.
48. Mohammadi, A.A., Yousefi, M., Soltani, J., Ahangar, A.G., Javan, S. Using the combined model of gamma test and neuro-fuzzy system for modeling and estimating lead bonds in reservoir sediments. **Environmental Science and Pollution Research**, **2018**: 25(30), pp. 30315-30324.
49. Alimohammadi, M., Yousefi, M., Azizi Mayvan, F., (...), Navai, H., **Mohammadi, A.A.** Dataset on the knowledge, attitude and practices of

biomedical wastes management among Neyshabur hospital's healthcare personnel. **Data in Brief**,2018: 17, pp. 1015-1019.

50. Najafi Saleh, H., Kavosi, A., Pakdel, M., (...), Baghal Asghari, F., **Mohammadi, A.A.** Assessment health status of ICU medical equipment levels at Neyshabur hospitals using ICNA and ACC indices. **MethodsX**, 2018: 5, pp. 1364-1372.
51. Zarrabi, M., Mohammadi, A.A., Al-Musawi, T.J., Najafi Saleh, H. Using natural clinoptilolite zeolite as an amendment in vermicomposting of food waste. **Environmental Science and Pollution Research**,2018: 25(23), pp. 23045-23054.
52. **Mohammadi, A.A.**, Yousefi, M., Yaseri, M., Jalilzadeh, M., Mahvi, A.H. Skeletal fluorosis in relation to drinking water in rural areas of West Azerbaijan, Iran. **Scientific Reports**, 2017: 7(1),17300.
53. **Mohammadi, A.A.**, Alinejad, A., Kamarehie, B., (...), Ahmadpour, M., Ghaderpoori, M. Metal-organic framework UiO-66 for adsorption of methylene blue dye from aqueous solutions. **International Journal of Environmental Science and Technology**, 2017:14(9), pp. 1959-1968.
54. Yousefi, M., **Mohammadi, A.A.**, Yaseri, M., Mahvi, A.H. Epidemiology of drinking water fluoride and its contribution to fertility, infertility, and abortion: An ecological study in west Azerbaijan province, poldasht county, Iran. **Fluoride**,2017: 50(3), pp. 343-353.
55. **Mohammadi, A.A.**, Yaghmaeian, K., Hossein, F., (...), Khaili, J.K., Mahvi, A.H. Temporal and spatial variation of chemical parameter concentration in drinking water resources of Bandar-e Gaz City using geographic information system. **Desalination and Water Treatment**,2017: 68, pp. 170-176.
56. Moghaddam, V.K., Changani, F., **Mohammadi, A.**, (...), Majd, L.E., Mahvi, A.H. Sustainable development of water resources based on wastewater reuse and upgrading of treatment plants: A review in the middle east. **Desalination and Water Treatment**,2017: 65, pp. 463-473.
57. Faraji, H., **Mohammadi, A.**, Akbari, B., (...), Lashkarboloki, G., Mahvi, A.H. Correlation between fluoride in drinking water and its levels in breast milk in Golestan province, Northern Iran. **Iranian Journal of Public Health**,2014: 43(12), pp. 1664-1668.
58. Nabizadeh, R., Faraji, H., **Mohammadi, A.A.** Solid waste production and its management in dental clinics in organ, Northern Iran. **International Journal of Occupational and Environmental Medicine**, 2014: 5(4), pp. 216-221.
59. Asgharnia, H.A., Tirgar, A., Amouei, A.I., (...), Beykaei, S.B., Shirkhani, Z. Noise pollution in the teaching hospitals of babol (Iran) in 2012 **Journal of Babol University of Medical Sciences**, 2014:16(4), pp. 64-69.
60. Amouei, A.I., Tabarinia, H., Khalil Pour, A., Faraji, H., Mohammadi, A.A. Determine the Concentration of Nitrate and Nitrite in Drinking Water in Rural and Urban Areas (2012). **Journal of Babol University of Medical Sciences**, 2014:16(11), pp. 70-77.
61. Fazlzadeh Davil, M., Rostami, R., Zarei, A., (...), **Mohammadi, A.A.**, Eskandari, D. A survey of 24 hour variations of BTEX concentration in the

- ambient air of Tehran. **Journal of Babol University of Medical Sciences, 2012:** 14(SUPPL. 1), pp. 50-55.
62. Shams, M., **Mohamadi, A.A.**, Sajadi, S.A. Evaluation of corrosion and scaling potential of water in rural water supply distribution networks of Tabas, Iran. **World Applied Sciences Journal, 2012:**17(11), pp. 1484-1489.
63. Amouei, A.I., Mahvi, A.H., **Mohammadi, A.A.**, (...), Fallah, S.H., Khafajeh, A.A. Fluoride concentration in potable groundwater in rural areas of Khaf city, Razavi Khorasan Province, northeastern Iran. **International Journal of Occupational and Environmental Medicine,2012** 3(4), pp. 201-203.
64. Amouei, A., Mahvi, A.H., Mohammadi, A.A., (...), Asgharnia, H.A., Khafajeh, A.A. Physical and chemical quality assessment of potable groundwater in rural areas of Khaf, Iran. **World Applied Sciences Journal,2012:** 18(5), pp. 693-697.
65. Amouei, A., **Mohammadi, A.A.**, Koshki, Z., (...), Fallah, S.H., Tabarinia, H. Nitrate and nitrite in available bottled water in babol (Mazandaran; Iran) in summer 2010. **Journal of Babol University of Medical Sciences,2012:** 14(SUPPL. 1), pp. 64-70

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## Awards

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1. Outstanding researcher of Neyshabur University of Medical Sciences (2017).
- 2.
3. Outstanding researcher of Neyshabur University of Medical Sciences (2018)

## Grants

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1. Special Grant of the ministry of health of Iran for young outstanding assistants (2019)