

**Name: Dr Heshmatollah Nourmoradi**



**Contact Information**

**E-mail:**

[h.nourmoradi2004@gmail.com](mailto:h.nourmoradi2004@gmail.com)

[ilam\\_nourmoradi@yahoo.com](mailto:ilam_nourmoradi@yahoo.com)

**Tel:** +988432235733

**Fax:** +988432235733

**Address:** Department of Environmental Health Engineering, School of Health, Ilam University of Medical Sciences, Ilam, Iran.

**Academic Rank:** Professor

**School:** Health

**University:** Ilam University of Medical Sciences, Ilam, Iran.

**Scopus Link:** <https://www.scopus.com/authid/detail.uri?authorId=55090129100>

**Google Scholar Link:** <https://scholar.google.com/citations?user=gflifl8AAAAJ&hl=en>

**ResearchGate Link:** <https://www.researchgate.net/profile/Heshmatollah-Nourmoradi>

## Education

**1. B.Sc**

Environmental Health, Iran University of Medical Sciences, Tehran, Iran, 2004

**2. MSc**

Environmental Health Engineering, Tehran University of Medical Science, Tehran, Iran, 2007

**3. Ph.D**

Environmental Health Engineering, Isfahan University of Medical Science , Isfahan, Iran, 2012

## Experiences

**1. Professor**

Department of Environmental Health Engineering, Ilam University of Medical Sciences, 2022.

## 2. Department Chairman

Department of Environmental Health Engineering, Ilam University of Medical Sciences, 2012-2021

## Course Teaching

### 1. B.Sc

Environmental Chemistry, Wastewater Treatment, Operations and Processes in Environmental Health.

## Papers

- 1- **H. Nourmoradi**, M. Nikaeen, M. Khiadani (Hajian). *Removal of Benzene, Toluene, Ethylbenzene and Xylene (BTEX) from Aqueous Solutions by Montmorillonite Modified with Nonionic Surfactant: equilibrium, kinetic and thermodynamic study.* **Chemical Engineering Journal**, (2012), 191, 341–348. (ISI Journal).
- 2- **H. Nourmoradi**, M. Nikaeen, H. Mirhendi. *Ultraviolet Irradiation: An Effective Inactivation Method of Aspergillus spp. in Water for the Control of Waterborne Nosocomial Aspergillosis.* **Water Research**. (2012), 46, 5935-5940. (ISI Journal).
- 3- **H. Nourmoradi**, M. Amin, M. Hatamzadeh. M. Nikaeen. *Evaluation of Bio-aerosols concentration in the Different Wards of three Educational Hospitals in Iran.* **International Journal of Environmental Health Engineering**, (2012), 1, 47, 1 - 6.
- 4- H. Faghihian, **H. Nourmoradi**, M. Shokouhi. *Performance of silica aerogels modified with amino functional groups in Pb(II) and Cd(II) removal from aqueous solutions.* **Polish Journal of Chemical Technology**, (2012), 14, 1, 50 - 56. (ISI Journal).
- 5- **H. Nourmoradi**, M. Nikaeen, H. Pourzamani, H. Karimi, M. Hajian. *Comparison of the efficiencies of clay modified with polyethylene glycol (PEG) and clay modified with tetradecyl trimethyl ammonium bromide (TTAB) in the removal of BTEX from aqueous solution.* **International Journal of Environmental Health Engineering**, (2013), 2, 7, 1-8.
- 6- **H. Nourmoradi**, M. Hajian, M. Nikaeen. *Multi-component adsorption of Benzene, Toluene, Ethylbenzene and Xylene (BTEX) from Aqueous Solutions by Montmorillonite Modified with Tetradecyl Trimethyl Ammonium Bromide.* **Journal of chemistry**, (2013), 2013, 1-10. (ISI Journal).
- 7- F. Mohammadi-Moghadam, M. Amin, M. Khiadani, F. MomenBeik, **H. Nourmoradi**, M. Hatamipour. *Application of Glycyrrhiza Glabra Root as a Novel Adsorbent in the Removal of Toluene Vapors: Equilibrium, Kinetic and Thermodynamic Study.* **Journal of Environmental and Public Health**. (2013) 2013, 1-7. (PubMed Journal).

- 8- **H. Nourmoradi**, M. Foroghi, M. Farhadkhani, M. Vahid Dastjerdi. *Assessment of Lead and Cadmium Levels in Frequently Used Cosmetic Products in Iran*. **Journal of Environmental and Public Health**. 2013 (2013). 2013,1-6. (PubMed Journal).
- 9- H. Faghihian, **H. Nourmoradi**, M. Shokouhi. *Removal of Copper (II) and Nickel (II) from Aqueous Media Using Silica Aerogel Modified with Amino Propyl Triethoxysilane as an Adsorbent: Equilibrium, Kinetic and Isotherms study*. **Desalination and water Treatment**. (2014), 52, 1-3, 305-13. (ISI Journal).
- 10- K. Weysi, **H. Nourmoradi**, MR. Samarghandi, MT. Samadi. *Investigation on the Trophic Status of Ekbatan Reservoir: A Drinking Water Supply Reservoir in Iran*. **Journal of Research in Health Sciences**. (2014), 14, 1, 64-68. (PubMed Journal).
- 11- M.M Amin, M.S Hatamipou, F. Momenbeik, **H. Nourmoradi**, M. Farhadkhani, F. Mohammadi-Moghadam. *Toluene Removal from Sandy Soils via In Situ Technologies with an Emphasis on Factors Influencing Soil Vapor Extraction*. **The Scientific World Journal**. (2014). 2014, 1-7. (ISI Journal).
- 12- M. Avazpour, S. Shiri, F. Seifipour, **H. Nourmoradi**. *Investigation of quality of storage dam ilam, identify of pollutant resources and pollutants attitude*. **Iranian Chemical Communication**. (2014), 2, 106-118.
- 13- Z. Noorimotalgh, R. Darvishi Cheshmeh Soltani, AR. Khataee, S. Shahreyar, **H. Nourmoradi**. *Adsorption of a textile dye in aqueous phase using mesoporous activated carbon prepared from iranian milk vetch*. **Journal of the Taiwan Institute of Chemical Engineers**. (2014). 45, 1783-1791. (ISI Journal).
- 14- M. Behzadifar, Z. Vahdat Shariatpanahi, K. Sayehmiri, **H. Nourmoradi**, E. Ranjbar, KH. Asadollahi. *The Pattern of fat distribution (waist to hip ratio) and body mass index among high school adolescents in Ilam*. **Journal of Basic Research in Medical Sciences**, (2014); 1(1):43-49. (ISC Journal).
- 15- F. Kazembigi, H. Soheil Arezoomand, H. Faraji, S. Mazloomi, F. Mohammadi, **H. Nourmoradi**. *Removal of Methylene Blue from Aqueous Solutions using Raw and Modified Rice Husk*. **The Veliger**, (2014). 53, 1-7. (ISI Journal).
- 16- K. Farokhi Moghadam, Y. Mohsenzadeh, **H. Nourmoradi**, R. Beiranvand, K. Soleiman Nejad, A. Delpisheh, S. Avish, T. Sahraei. *Job Stress and Susceptibility to Cardiovascular Diseases: A Case-Control Study*. **Journal of Basic Research in Medical Sciences**, (2014), 1(4):14-20. (ISC Journal).
- 17- F. Mirzaei, F. Nori, M. Mirzaei, **H. Nourmoradi**. *Environmental Health and Safety in Elementary Schools: a Case Study in Ilam City, Iran*. **Journal of Basic Research in Medical Sciences**, (2014); 1(4), 21-27. (ISC Journal).
- 18- **H. Nourmoradi**, AR. Ghiasvand, Z. Noorimotlagh, *Removal of Methylene Blue and Acid Orange7 from Aqueous Solutions by Activated Carbon Coated with Zinc Oxide (ZnO) Nanoparticles: Equilibrium, Kinetic and Thermodynamic Study*. **Desalination and Water Treatment**. (2015). 55(1), 252-262. (ISI Journal).

- 19- A. Koolivand, F. Gholami-Borujeni, **H. Nourmoradi**. Investigation on the characteristics and management of dental waste in Urmia, Iran. **Journal of Material Cycles and Waste Management**, (2015), 17(3), 553-59. (ISI Journal).
- 20- A. Amarloei, A. Jonidi Jafari, H. Asilian Mahabadi, K. Asadollahi, **H. Nourmoradi**, *Investigation on the Lung Function of General Population in Ilam, West of Iran, as a City Exposed to Dust Storm*. **Global journal of health sciences**. (2015); 7(3):298-308. (PubMed Journal).
- 21- **H. Nourmoradi**, K. Moradnejadi, F. Mohammadi, B. Khosravi, L. Hemati, R. Khoshniyat, F. Kazembigi. *The Effect of Dust Storm on the Microbial Quality of Ambient Air in Sanandaj: A City Located in the West of Iran*. **Global journal of health sciences**. (2015); 7(7): 114-119. (PubMed Journal).
- 22- M. Jourvand, G. Shams Khorramabadi, Y. Omid, H. Godini, **H. Nourmoradi**. *Removal of Methylene Blue from Aqueous Solutions using Modified Clay*. **Journal of Basic Research in Medical Sciences**, (2015); 2(1):32-41. (ISC Journal).
- 23- **H. Nourmoradi**, M. Kazemi, F. Pirmoradi, A. Mirzaei, M. Mirzaei, F. Mohammadi Moghadam, F. Mirzaei. *Hospital Patient Safety Culture in Developing Countries: A Comparative Study in Ilam City, Iran*. **British Journal of Medicine & Medical Research**. (2015). 10, 5, 1-8.
- 24- **H. Nourmoradi**, Gh. Goudarzi, SM. Daryanoosh, F. Omid-Khaniabadi, Y. Omid-Khaniabadi. *Health Impacts of Particulate Matter in Air using AirQ Model in Khorramabad City, Iran*. **Journal of Basic Research in Medical Sciences**, (2015) 2, 1, 32-41. (ISC Journal).
- 25- Y. Omid Khaniabadi, A. Jafari, **H. Nourmoradi**, F. Taheri, S. Saeedi . *Adsorption of 4-Chlorophenol from Aqueous Solution using Activated Carbon Synthesized from Aloe Vera Green Wastes*. **Journal of Advances in Environmental Health Research**. (2015). 3, 2, 1-10. (ISC Journal)
- 26- H. Basiri, **H. Nourmoradi**, F. Mohammadi Moghadam, K. Farokhi Moghadam, J. Mohammadian, Y. Omid Khaniabadi. *Removal of Aniline as a Health-Toxic Substance from Polluted Water by Aloe Vera Waste-Based Activated Carbon*. **Der Pharma Chemica**. (2015). 7, 11, 149-155. (Scopus Journal)
- 27- **H. Nourmoradi**, S. Zabihollahi, H.R. Pourzamani. *Removal of a Common Textile Dye, Navy Blue (NB), from Aqueous Solutions by Combined Process of Coagulation-flocculation followed by Adsorption*. **Desalination and Water Treatment**. (2016): 57(11), 5200-5211. (ISI Journal).
- 28- **H. Nourmoradi**, M. Avazpour, N. Ghasemian, M. Heidari, K. Moradnejadi, F. Khodarahmi, M. Javaheri, F. Mohammadi Moghadam. *Surfactant Modified Montmorillonite as a Low Cost Adsorbent for 4-Chlorophenol: Equilibrium, kinetic and thermodynamic study*. **Journal of the Taiwan Institute of Chemical Engineers**. (2016). 59, 244–251. (ISI Journal).
- 29- **H. Nourmoradi**, Seyed Mahdi Takhtfiroozeh, Nahid Raeisi, Alireza Aghajanzadeh Sagh, Rouhollah Dehghani. *Epidemiological Study of Cutaneous Leishmaniasis during 2009 to 2014 in Kashan, Iran*. A

- Potential Intra-domiciliary Transmission of the Disease. British Journal of Medicine & Medical Research. (2016). 12, 9, 1-7.*
- 30- N. Mirzaei, **H. Nourmoradi**, A. Velayati, F. Mohammadi Moghadam, HR. Ghaffari, M. Ahmadpour, K. Sharafi. *Health-Related Microbial Quality of Drinking Water in Kangavar, Western of Iran. British Journal of Medicine & Medical Research. (2016). 14, 1, 1-7.*
- 31- **H. Nourmoradi**, Z. Rahmati, M. Javaheri, K. Moradnejadi, Z. Noorimotlagh. *Effect of Praestol as a Coagulant-Aid to Improve Coagulation-Flocculation in Dye containing Wastewaters. Global NEST Journal. (2016), 18, 1, 38-46. (ISI Journal).*
- 32- **H. Nourmoradi**, YO. Khaniabadi, G. Goudarzi, SM. Daryanoosh, M. Khoshgoftar, F. Omid, H. Armin. *Air Quality and Health Risks Associated With Exposure to Particulate Matter: A Cross-Sectional Study in Khorramabad, Iran. Health Scope, (2016), 5, 2, 1-9. (ISI Journal).*
- 33- Y. Omid, B. Kamareei, **H. Nourmoradi**, H. Basiri, S. Heidari. *Hexadecyl trimethyl ammonium bromide modified montmorillonite as a low-cost sorbent for the removal of methyl red from liquid medium. International Journal of Engineering-Transactions A: Basics, (2016), 29, 1, 60- 68. (Scopus Journal).*
- 34- **H. Nourmoradi**, S. Mirbagheri, K. Moradnejadi, F. Kazembeigi, M. Shamsizad. *Determination of corrosion and scaling levels of drinking water in distribution system: A study in Sarableh city (Ilam), western of Iran. Journal of Basic Research in Medical Sciences, (2016), 3, 3, 21-27. (ISC Journal).*
- 35- N. Ghasemian, **H. Nourmoradi**. *Experimental Study and Mathematical Modeling of Propane-SCR-NOx Using Group Method of Data Handling and Artificial Neural Network. International Journal of Chemical Reactor Engineering, (2016), 14, 2, 559-569. (ISC Journal).*
- 36- AA. Aghapour, S. Nemati, A. Mohammadi, **H. Nourmoradi**, S. Karimzadeh, S. Nitrate removal from water using alum and ferric chloride: a comparative study of alum and ferric chloride efficiency. *Environmental Health Engineering and Management Journal, (2016), 3(2), 1-5. (ISC Journal).*
- 37- **H. Nourmoradi**, A. Ebrahimi, Y. Hajizadeh, S. Nemati, A. Mohammadi. *Application of nano-zeolite and nano-carbon for the removal of humic acid from aqueous solutions. International Journal of pharmacy and Technology, (2016), 8, 2, 13337, 13352. (Scopus Journal).*
- 38- MM. Amin, A. Rahimi, B. Bina, F. Mohammadi Moghadam, **H. Nourmoradi**, M. Heidari. *Effect of a Non-Ionic Surfactant on Xylene Removal in a Scoria-Compost-Based Biofilter. Clean-Soil, Air, Water, (2016). In press. (ISI Journal).*
- 39- SM. Daryanoosh, G. Goudarzi, **H. Nourmoradi**, AA. Vaisi, H. Armin, Y. Omid. *Hospital Admission for Respiratory and Cardiovascular Diseases Due to Particulate Matter in Ilam, Iran. Jundishapur Journal of Health Sciences, (2016). In press. (ISC Journal).*

- 40- Y. Khaniabadi, R. Heydari, **H. Nourmoradi**, H. Basiri. *Low-cost sorbent for the removal of aniline and methyl orange from liquid-phase: Aloe Vera leaves wastes*. **Journal of the Taiwan Institute of Chemical Engineers**, (2016). In press. (ISI Journal).
- 41- MA. Karami, MM. Amin, **H. Nourmoradi**, M. Sadani, F. Teimouri, B. Bina. *Degradation of reactive red 198 from aqueous solutions by advanced oxidation process: O<sub>3</sub>, O<sub>3</sub>/H<sub>2</sub>O<sub>2</sub>, and persulfate*. **International Journal of Environmental Health Engineering**, (2016).5(1), 26-32. (ISC Journal).
- 42- S. Khorshidi, **H. Nourmoradi**, O. Rahmanian, F. Mohammadi Moghadam, S. Norouzi, M. Heidari. *Adsorption of Methylene Blue from aqueous solution by raw and NaOH-modified date fruit waste*. **Der Pharma Chemica**, (2016), 8(19):233-242. (Scopus Journal).
- 43- A. Nikonahad, A. Khorshidi, HR. Ghaffari, HE. Aval, M. Miri, A. Amarloei, **H. Nourmoradi**, A. Mohammadi. *A time series analysis of environmental and metrological factors impact on cutaneous leishmaniasis incidence in an endemic area of Dehloran, Iran*. **Environmental Science and Pollution Research**. (2017), 17:1-7. (ISI Journal).
- 44- MM. Amin, A. Rahimi, B. Bina, **H. Nourmoradi**, MS. Hassanvand, F. Mohammadi-Moghadam, S. Norouzi, M. Heidari. *Biodegradation of n-hexane as single pollutant and in a mixture with BTEX in a scoria/compost-based biofilter*. **Process Safety and Environmental Protection**. (2017), 30;107:508-17. (ISI Journal).
- 45- MJ. Mohammadi, YO. Khaniabadi, H. Basiri, A. Amrane, **H. Nourmoradi**, et al. *Montmorillonite as adsorbent for the removal of methyl red from aqueous solution*. **Fresenius Environmental Bulletin**. (2017), 26(6): 4088-4096. (ISI Journal).
- 46- YO. Khaniabadi, R. Polosa, R. Chaturcoa, SM, Daryanoosh, G.Goudarzi, A. Borgini, A. Titarelli, H. Basiri, H. Armin, **H. Nourmoradi**, et al. *Human health risk assessment due to ambient PM<sub>10</sub> and SO<sub>2</sub> by an air quality modeling technique*. **Process Safety and Environmental Protection**. (2017). In press. (ISI Journal).
- 47- YO. Khaniabadi, S. Geravandi, M. Mahboubi, MJ. Mohammadi, M. Momtazan, SM. Daryanoosh, A. Zahedi, **H. Nourmoradi**. *Association of hospitalizations for cardiovascular disease attributed to dust events*. **AJHMS**. (2017);2(2):51-7. (ISC Journal).
- 48- M. Daryanoosh, G. Goudarzi, R. Rashidi, F. Keishams, PK. Hopke, MJ. Mohammadi, **H. Nourmoradi**, et al. *Risk of morbidity attributed to ambient PM<sub>10</sub> in the western cities of Iran*. **Toxin Reviews**. (2018). 8:1-6. (ISI Journal).
- 49- YO. Khaniabadi, H. Basiri, **H. Nourmoradi**, MJ. Mohammadi, AR. Yari, S. Sadeghi, A. Amrane. *Adsorption of Congo Red Dye from Aqueous Solutions by Montmorillonite as a Low-cost Adsorbent*. **International Journal of Chemical Reactor Engineering**. (2018), (ISI Journal).



- 50- H. Biglari, S. RodríguezCouto, YO. Khaniabadi, **H. Nourmoradi**, M. Khoshgoftar, A. Amrane, et al. *Cationic Surfactant-modified Clay as an Adsorbent for the Removal of Synthetic Dyes from Aqueous Solutions*. **International Journal of Chemical Reactor Engineering**. (2018), (ISI Journal).
- 51- S. Norouzi, M. Heidari, V. Alipour, O. Rahmanian, M. Fazlzadeh, F. Mohammadi-moghadam, **H. Nourmoradi**, B. Goudarzi, K. Dindarloo. *Preparation, characterization and Cr(VI) adsorption evaluation of NaOH-activated carbon produced from Date Press Cake; an agro-industrial waste*. **Bioresource Technology**. (2018). In Press. (ISI Journal).
- 52- **H. Nourmoradi**, KF. Moghadam, A. Jafari, B. Kamarehie. *Removal of acetaminophen and ibuprofen from aqueous solutions by activated carbon derived from Quercus Brantii (Oak) acorn as a low-cost biosorbent*. **Journal of environmental chemical engineering**. (2018);6(6):6807-15. (ISI Journal).
- 53- J. Akbari, S. Safari, M. Kazemi, **H. Nourmoradi**, B. Mahaki, H. Dehghan. *The impact of hearing protection devices (HPDs) on blood pressure in workers exposed to noise: a cross-sectional study in a textile industry*. **Iranian Journal of Health, Safety and Environment**. (2018);5(3):1066-71. (ISC Journal).
- 54- K. Moradnejadi, A. Torabian, **H. Nourmoradi**, SA. Mirbagheri. *Removal of lindane as a health-toxic pesticide in drinking water by slow sand filtration*. **Desalination and Water Treatment**. (2018);109:139-44. (ISI Journal).
- 55- G. Zeydouni, S. Rodriguez Couto, **H. Nourmoradi**, H. Basiri, P. Amoatey, S. Esmaeili, et al. *H<sub>2</sub>SO<sub>4</sub>-modified Aloe vera leaf shells for the removal of P-chlorophenol and methylene blue from aqueous environment*. **Toxin Reviews**. (2018);6:1-1. (ISI Journal).
- 56- M. Sadeghi, S. Forouzandeh, **H. Nourmoradi**, M. Heidari, A. Ahmadi, MS. Jami, R. Abdizadeh, F. Mohammadi-Moghadam. *Biodecolorization of Reactive Black5 and Reactive Red120 azo dyes using bacterial strains isolated from dairy effluents*. **International Journal of Environmental Science and Technology**. (2018):1-10. (ISI Journal).
- 57- K. Yaghmaeian, H. Amiri, S. Hassanvand, F. Mohammadi, **H. Nourmoradi**, A. Amarloei, S. Mazloomi. *Quantification of health impacts related to PM<sub>10</sub> and O<sub>3</sub> pollutants in Karaj city*. **Iranian Journal of Health, Safety and Environment**. (2018);5(4):1115-21. (ISC Journal).
- 58- A. Mirzaei, **H. Nourmoradi**, MS. Zavareh, M. Jalilian, M. Mansourian, S. Mazloomi, N. Mokhtari, F. Mokhtari. *Food Safety Knowledge and Practices of Male Adolescents in West of Iran*. **Open Access Maced J Med Sci**. (2018);6 (5): 908-912. (PubMed Journal).
- 59- S. Mazloomi, M. Yousefi, **H. Nourmoradi**, M. Shams. *Evaluation of phosphate removal from aqueous solution using metal organic framework; isotherm, kinetic and thermodynamic study*. **Journal of Environmental Health Science and Engineering**. (2019):1-0. (ISI Journal).

- 60- S. Mazloomi, A. Zarei, **H. Nourmoradi**, S. Ghodsei, P. Amraei, GA. Haghghat. *Optimization of coagulation-flocculation process for turbidity removal using response surface methodology: a study in Ilam water treatment plant, Iran*. **Desalination and Water Treatment**. (2019);147:234-42. (ISI Journal).
- 61- S. Mazloomi, A. Zarei, S. Alasvand, A. Farhadi, **H. Nourmoradi**, Z. Bonyadi. *Analysis of quality and quantity of health-care wastes in clinical laboratories: a case study of Ilam city*. **Environmental monitoring and assessment**. (2019);191(4):207. (ISI Journal).
- 62- M. Heidari, A. Rahimi, MM. Amin, B. Bina, S. Sami, **H. Nourmoradi**, F. Mohammadi-moghadam, S. Norouzi. *Mathematical modeling and sensitivity analysis of xylene removal in a scoria-compost biofilter*. **Environmental Progress & Sustainable Energy**. (2019). In press. (ISI Journal).
- 63- M. Faraji, A. Ebrahimi, **H. Nourmoradi**, A. Nikonahad, A. Abdolahnejad, R. Ghanbarai, A. Mohammadi. *Optimizing the removal of humic acid with polyaluminum chloride and polyaluminum ferric chloride as green coagulants using response surface methodology*. **Desalination and Water Treatment**. (2019):139 297–304. (ISI Journal).
- 64- Asgari E, Esrafil A, Jafari AJ, Kalantary RR, **Nourmoradi H**, Farzadkia M. *The comparison of ZnO/polyaniline nanocomposite under UV and visible radiations for decomposition of metronidazole: degradation rate, mechanism and mineralization*. **Process Safety and Environmental Protection**. (2019) 128:65-76. (ISI Journal).
- 65- Sheikhmohammadi A, Safari M, Alinejad A, Esrafil A, **Nourmoradi H**, Asgari E. *The synthesis and application of the Fe<sub>3</sub>O<sub>4</sub>@ SiO<sub>2</sub> nanoparticles functionalized with 3-aminopropyltriethoxysilane as an efficient sorbent for the adsorption of ethylparaben from wastewater: Synthesis, kinetic, thermodynamic and equilibrium studies*. **Journal of Environmental Chemical Engineering**. (2019) 7(5):103315. (ISI Journal).
- 66- Zeydouni G, Kianizadeh M, Omidi Khaniabadi Y, **Nourmoradi H**, Esmaeili S, Mohammadi MJ, Rashidi R. *Eriochrome black-T removal from aqueous environment by surfactant modified clay: equilibrium, kinetic, isotherm, and thermodynamic studies*. **Toxin reviews**. (2019) 38(4):307-17. (ISI Journal).
- 67- **Nourmoradi H**, Daneshfar A, Mazloomi S, Bagheri J, Barati S. *Removal of Penicillin G from aqueous solutions by a cationic surfactant modified montmorillonite*. **MethodsX**. (2019) 6:1967-73. (ISI Journal).
- 68- Moradnejadi K, Torabian A, **Nourmoradi H**, Mirbagheri SA. *Adsorption of lindane as an organo-chlorine pesticide from aqueous solutions by mineral sand*. **Journal of Basic Research in Medical Sciences**. (2019) 10;6(1):57-66. (ISC Journal).
- 69- Dehghani, M.H., Karri, R.R., Yeganeh, Z.T., Mahvi, A.H., **Nourmoradi, H.**, Salari, M., Zarei, A. and Sillanpää, M., 2020. *Statistical modelling of endocrine disrupting compounds adsorption onto activated carbon prepared from wood using CCD-RSM and DE hybrid evolutionary optimization framework:*



- Comparison of linear vs non-linear isotherm and kinetic parameters. Journal of Molecular Liquids, (2020) 302, 112526. (ISI Journal).*
- 70- Sheikhmohammadi A, **Nourmoradi H**, Manshoury M, Asgari E. *Performance intensification of BzP photocatalytic degradation through adding exogenous oxidant. Optik. (2020):202:163571. (ISI Journal).*
- 71- Asgari E, Mohammadi F, **Nourmoradi H**, Sheikhmohammadi A, Rostamifasih Z, Hashemzadeh B, Arfaeinia H. *Heterogeneous catalytic degradation of nonylphenol using persulphate activated by natural pyrite: response surface methodology modelling and optimisation. International Journal of Environmental Analytical Chemistry. (2020) 1-20. (ISI Journal).*
- 72- Asgari E, Aghanaghad M, **Nourmoradi H**, Hashemzadeh B, Aali R. *Biodegradability enhancement and pre-treatment of industrial estate wastewater by electro-Fenton process. Desalination and water treatment. (2020) 200:217-23. (ISI Journal).*
- 73- **Nourmoradi H**, Kazembeigi F, Kakaei H, Jalilian M, Mirzaei A. *Assessment of Knowledge, Attitude, and Practice toward COVID-19 among a Sample of Iranian General Population. Open Access Macedonian Journal of Medical Sciences. (2020) 10;8(T1):167-74. (Scopus Journal).*
- 74- Bakhtiyari S, Mirzaei A, Jalilian M, Mazlomi S, **Nourmoradi H**, Kakaei H. *The Effects of Personal, Environmental, and Genetic Factors on Epidemic of Coronavirus Disease-19: A Review of the Current Literature. Open Access Macedonian Journal of Medical Sciences. (2020) 11;8(T1):250-7. (Scopus Journal).*
- 75- Mohammadi-Moghadam F, Khodabakhshi A, Farhadkhani M, Hemati S, Masoudipour N, Shahgholian F, **Nourmoradi H**. *Removal of Trichloroethylene by Clay Modified with Cationic Surfactant in Aqueous Solutions: Equilibrium, Kinetic, and Thermodynamic Study. Journal of Surfactants and Detergents. (2020);23(6):1099-109. (ISI Journal).*
- 76- Massoudinejad M, Yazdanbakhsh A, Amini MM, **Nourmoradi H**, Keramati H. *Enhanced photocatalytic reduction of trichloroacetic acid using F-TiO<sub>2</sub> in the presence of methanol: degradation kinetics and byproducts pathway. International Journal of Environmental Analytical Chemistry. (2020) 9:1-22. (ISI Journal).*
- 77- Asgari E, Sheikhmohammadi A, **Nourmoradi H**, Nazari S, Aghanaghad M. *Degradation of ciprofloxacin by photocatalytic ozonation process under irradiation with UVA: comparative study, performance and mechanism. Process Safety and Environmental Protection. (2021) 1;147:356-66. (ISI Journal).*
- 78- Mirzaei A, Kazembeigi F, Kakaei H, Jalilian M, Mazloomi S, **Nourmoradi H**. *Application of health belief model to predict COVID-19-preventive behaviors among a sample of Iranian adult population. Journal of Education and Health Promotion. (2021);10-15. (PubMed Journal).*

- 79- Hemati S, Mobini GR, Heidari M, Rahmani F, Babadi AS, Farhadkhani M, **Nourmoradi H**, Raeisi A, Ahmadi A, Khodabakhshi A, Sadeghi M. *Simultaneous monitoring of SARS-CoV-2, bacteria, and fungi in indoor air of hospital: a study on Hajar Hospital in Shahrekord, Iran*. **Environmental Science and Pollution Research**. (2021) 10:1-1. (ISI Journal).
- 80- Jalilian M, Kakaei H, **Nourmoradi H**, Bakhtiyari S, Mazloomi S, Mirzaei A. *Health Information Seeking Behaviors Related to COVID-19 Among Young People: An Online Survey*. **International Journal of High Risk Behaviors and Addiction**. (2021) 31;10(1). (Scopus Journal).
- 81- **Nourmoradi H**, Asadi M, Naghizadeh MM, Mazloomi S, Asadi H, Ghazanfari Z. *The influence of an education program on students' environmental responsibility in developing countries: evidence from Iran*. **Journal of Human Behavior in the Social Environment**. (2021) 19:1-1. (ISI Journal).
- 82- Mazloomi S, Bonyadi Z, Haghghat GA, **Nourmoradi H**, Soori MM, Eslami F. *Removal of methylene blue by Saccharomyces cerevisiae: process modelling and optimization*. **Desalination and Water Treatment**. (2021);236:318-25. (ISI Journal).
- 83- Naseri S, Alimohammadi M, Mahvi AH, Nabizadeh R, Jafari A, **Nourmoradi H**, Gholami Z, Adiban M. *Optimisation and modelling of direct blue 86 removal from aqueous solutions by cationic surfactant enhanced ultrafiltration*. **International Journal of Environmental Analytical Chemistry**. (2021):1-2. (ISI Journal).
- 84- Sheikhmohammadi A, Asgari E, **Nourmoradi H**, Fazli MM, Yeganeh M. *Ultrasound-assisted decomposition of metronidazole by synthesized TiO<sub>2</sub>/Fe<sub>3</sub>O<sub>4</sub> nanocatalyst: Influencing factors and mechanisms*. **Journal of Environmental Chemical Engineering**. (2021);9(5):105844. (ISI Journal).
- 85- Mohammadi-Moghadam, F., Karami Horestani, M., **Nourmoradi, H.**, Heidari, M., Sadeghi, M., Ahmadi, A., Fadaei, A., Hemati, S. and Bagherzadeh, F. *Toxic and essential elements in drinking water, blood, hair and intestinal tissues of ulcerative colitis patients: probabilistic health risk assessment for drinking water consumers*. **Toxin Reviews**, (2022): 41(2):487-495. (ISI Journal).

## Book Chapters

- 1- **Nourmoradi H**, Mohammadi-Moghadam F, Hemati S, Kakaei H. Virus-sampling technologies in different environments. In *Environmental and Health Management of Novel Coronavirus Disease (COVID-19) 2021 Jan 1* (pp. 41-63). Academic Press.
- 2- Kakaei H, **Nourmoradi H**, Bakhtiyari S, Jalilian M, Mirzaei A. Effect of COVID-19 on food security, hunger, and food crisis. In *COVID-19 and the Sustainable Development Goals 2022 Jan 1* (pp. 3-29). Elsevier.



## Skills

Environmental Chemistry Tests  
Various Environmental Research Activities

## Inventions

## Honors

- ✓ Elected as Top Researcher of Health School of Ilam University of Medical Sciences,  
2012-2021
- ✓ Elected as a Superior Reasercher of Ilam Province, Iran, 2017

## Memberships

- ✓ Member of Iranian of Environmental Health Association

## Research Interests:

Environmental Chemistry, Wastewater Treatment, Operations and Processes in Environmental Health.