



**Personal Information:**

**First Name:** Sina

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**Date of Birth:** 05.Sep.1976

**Place of Birth:** Dashtestan

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**Language(s) Spoken:** Persian, English, German

**Specialty:** Environmental pollution monitoring (including sea and water, aquatic organisms, air and soil), Micropollutants, Microplastic, Cigarette butt, Environmental medicine, and Fluoride.

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**Summary:**

I received my B.Sc degree in Environmental Health Engineering from Shiraz University of Medical Sciences in 2001, M.Sc degree in Environmental Health Engineering from Isfahan University of Medical Sciences in 2006 and a Ph.D. in Environmental Health Engineering from Tehran University of Medical Sciences in 2011. I finished my sabbatical on TCE and PCE byproducts study during photolysis and photochemical degradation from the University of Duisburg-Essen, Germany. Then I moved to Bushehr University of Medical Sciences and now I am a Professor in Environmental Health Department in Faculty of Health and Nutrition as well as the head of Systems Environmental Health and Energy Research Center at Bushehr University of Medical Sciences. My second affiliation (since 2011) is Instrumental Analytical Chemistry and Centre for Water and Environmental Research (ZWU), Faculty of Chemistry, University of Duisburg-Essen, Germany. I have published over 150 journal papers in the field of environmental pollution (sea, air, soil, water and wastewater), microplastic, cigarette butt, environmental medicine and Fluoride. Also, I have published nine books (in Persian). My interests in research are Environment pollution monitoring (including sea and water, aquatic organisms, air and soil), micropollutants, microplastic, cigarette butt, environmental medicine, and Fluoride. I am a Member of the Iranian Association of Environmental Health (IAEH), Member of the International Society for Fluoride Research (ISFR) and Editorial board of Fluoride since 2014.

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## **Educational Background:**

- **Sabatical:**

TCE and PCE byproducts study during photolysis and photochemical degradation. Duisburg- Essen University, 2010-2011, Germany.

- **Ph.D:** Environmental Health Engineering, Tehran University of Medical sciences, Survey on the Potential of Hybrid Technologies (Photooxidation and Photosonic) for Degradation and Toxicity Reduction of Trichloroethylene (TCE) in Contaminated Waters, Prof Amir Hossein Mahvi, 2007-2011, Tehran, Iran.
  - **MASc:** Environmental Health Engineering, Isfahan University of Medical sciences, The Effect of Physical and Chemical Parameters on Regrowth of Aeromonas Bacterium and HPC Bacteria in Isfahan Drinking Waters System and Isfahan Drinking Water Treatment Plant, Dr Bijan Bina, 2004-2006, Isfahan, Iran.
  - **BASc:** Environmental Health Engineering, Shiraz University of Medical sciences, 2001, Shiraz, Iran.
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## **Executive Records:**

- Head of the Systems Environmental Health and Energy Research Center, The Persian Gulf Biomedical Sciences Research Institute, Bushehr University of Medical Sciences, Bushehr, Iran
  - Scientific Secretary of the 17<sup>th</sup> National Congress of Environmental Health at Bushehr, Iran
  - Scientific Secretary of the Water Management and Sustainability from a Cultural and Social Perspective, Bushehr, Iran.
  - Member of examination and evaluation board of environmental health field.
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### Congress, Seminars and Symposiums Attendance & Presentations:

1. Akhbarizadeh, R., Nabipour, I., **Dobaradaran, S.** Petroleum Geology, oil pollution, and human health: Review of case studies in Bushehr province. (2020): The 3<sup>rd</sup> International Biennial Oil, Gas and Petrochemical Conference (OGPC2020) at Bushehr, Iran, December 2020.
2. Azari, A., Hadei, M., Kazemizad, L., Heydari, M., Darvishmotevalli, M., Salari, M., **Dobaradaran, S.**, Yegane Badi, M. Application of artificial neural network–genetic algorithm in prediction and optimization of catalytic degradation process: 2-Chlorophenol removal using ultrasound-Fe<sub>3</sub>O<sub>4</sub>@TiO<sub>2</sub> hybrid system. (2019): The 3<sup>rd</sup> International and 21<sup>st</sup> national Conference on Environmental Health at Zanjan, Iran, February 2019.
3. **Dobaradaran, S.**, Schmidt, T.C., Saeedi, R., Mohammadi, M.J., Keshtkar, M., Khajehmadi, N. Cigarette butts abundance and association of metals along the Persian Gulf beach. (2019): The 3<sup>rd</sup> International and 21<sup>st</sup> national Conference on Environmental Health at Zanjan, Iran, February 2019.
4. Keshtkar, M., **Dobaradaran, S.**, Ramavandi, B., Arfaeinia, H. Effective Parameters, Equilibrium and Kineticsof Fluoride Adsorption on Prosopis cineraria and Syzygium cumini leaves. (2019): The 3<sup>rd</sup> International and 21<sup>st</sup> national Conference on Environmental Health at Zanjan, Iran, February 2019.
5. Hajjouni, Sh., **Dobaradaran, S.**, Mahvi, A.H., Ramavandi, B., Spitz, J., Raeisi, A.R. Fluoride concentration of commercial dairy milk in Iran. (2019): The 3<sup>rd</sup> International and 21<sup>st</sup> national Conference on Environmental Health at Zanjan, Iran, February 2019.
6. Geravandi, S., Afkar, A., Yousefi, F., Hashemzadeh, B., Darabi, F., Yari, A.R., **Dobaradaran, S.**, Biglar, H., Omid Khaniabadi, Y., Mohammadi, M.J. Health effects of Ahvaz Megacity Criteria Air Pollutants (MCAP) in Humans during 2010-2013. (2019): The 3<sup>rd</sup> International and 21<sup>st</sup> national Conference on Environmental Health at Zanjan, Iran, February 2019.
7. Faraji Ghasemi, F., **Dobaradaran, S.**, Nazmara, Sh., Ranjbar VakilAbadi, D., Mohammadi, M.J., Keshtkar, M., Khaledi, A. Investigation of Metals in outdoor PM<sub>2.5</sub> in Bushehr Port. (2019): The 3<sup>rd</sup> International and 21<sup>st</sup> national Conference on Environmental Health at Zanjan, Iran, February 2019.
8. Soleimani, F., Taherkhani, R., **Dobaradaran, S.** Molecular detection of E. coli and Vibrio cholerae bacteria by PCR in ballast water of commercial ships entering the Bushehr port.

(2019): The 3<sup>rd</sup> International and 21<sup>st</sup> national Conference on Environmental Health at Zanjan, Iran, February 2019.

9. Abtahi, M., Saeedi, R., **Dobaradaran, S.**, Gholamnia, R. National and subnational mortality and disability-adjusted life years (DALYs) attributable to 17 occupational risk factors in Iran, 1990-2015. (2019): The 3<sup>rd</sup> International and 21<sup>st</sup> national Conference on Environmental Health at Zanjan, Iran, February 2019.
10. Keshtkar, M., **Dobaradaran, S.**, Saeedi, R., Soleimani, F., Nazmara, Sh., Khajeahmadi, N. Levels and effective factors on haloacetic acids formation in drinking water. (2019): The 3<sup>rd</sup> International and 21<sup>st</sup> national Conference on Environmental Health at Zanjan, Iran, February 2019. (Oral).
11. Izadi, A., **Dobaradaran, S.**, Nabipour, I., Noroozi Karbasdehi, V., Ramavandi, B., Soleimani, F. Diversity, abundance and the amount of trace metals in zooplanktons along the northern part of the Persian Gulf, Iran. (2019): The 3<sup>rd</sup> International and 21<sup>st</sup> national Conference on Environmental Health at Zanjan, Iran, February 2019. (Oral).
12. **Dobaradaran, S.**, Keshtkar, M., Moradi, M., Hosseini, A. Biosorption of fluoride from aqueous solution onto *Syzygium cumini*: evaluation of biosorption kinetics and isotherms. (2017): The 2<sup>nd</sup> International and 20<sup>th</sup> national Conference on Environmental Health and Sustainable Development at Yazd, Iran, November 2017.
13. Keshtkar, M., **Dobaradaran, S.**, Hosseini, A., Moradi, M., Faraji Ghasemi, F. Removal of fluoride from aqueous phase onto *Prosopis cineraria*: evaluation of biosorption kinetics and isotherms. (2017): The 2<sup>nd</sup> International and 20<sup>th</sup> national Conference on Environmental Health and Sustainable Development at Yazd, Iran, November 2017.
14. Noroozi Karbasdehi, V., **Dobaradaran, S.**, Mirahmadi, R., Faraji Ghasemi, F., Keshtkar, M. Daily fluoride intake based on drinking water consumption prepared by household desalinators working by Reverse Osmosis process. (2017): The 2<sup>nd</sup> International and 20<sup>th</sup> national Conference on Environmental Health and Sustainable Development at Yazd, Iran, November 2017.
15. Noroozi Karbasdehi, V., **Dobaradaran, S.**, Esmaili, A.H., Sobhani, T. Heavy metal levels (Cd, Co, and Cu) in wheat grains cultured in Dashtestan County, Iran. (2017): The 2<sup>nd</sup> International and 20<sup>th</sup> national Conference on Environmental Health and Sustainable Development at Yazd, Iran, November 2017.
16. Noroozi Karbasdehi, V., **Dobaradaran, S.**, Soleimani, F., Mirahmadi, R., Keshtkar, M. The role of decentralized municipal desalination plants in removal of physical, chemical and microbial parameters from drinking water: a case study in Bushehr, Iran. (2017): The

2<sup>nd</sup> International and 20<sup>th</sup> national Conference on Environmental Health and Sustainable Development at Yazd, Iran, November 2017.

17. Soleimani, F., **Dobaradaran, S.**, Keshtkar, M., Ghaderi, M. Microbial and Chemical Quality of Ballast Water in Commercial Ships Entering the Bushehr Port. (2017): The 2<sup>nd</sup> International and 20<sup>th</sup> national Conference on Environmental Health and Sustainable Development at Yazd, Iran, November 2017.
18. **Dobaradaran, S.** A comparative study of environmental friendly biosorbents for removal of fluoride from aqueous solutions. (2016): XXXIII Conference of the International Society for Fluoride Research at Hyderabad, India, November 2016.
19. **Dobaradaran, S.**, Noroozi Karbasdehi, V., Esmaili, A., Mirahmadi, R., Keshtkar, M., Faraji Ghasemi, F. Daily fluoride intake in bushehr port, iran based on drinking water consumption prepared by household desalinators. (2016): XXXIII Conference of the International Society for Fluoride Research at Hyderabad, India, November 2016.
20. **Dobaradaran, S.**, Noroozi Karbasdehi, V., Soleimani, F., Keshtkar, M., Mirahmadi, R., Ghaedi, H. The role of decentralized municipal desalination plants in removal of fluoride from drinking water: a case study in Bushehr, Iran. (2016): XXXIII Conference of the International Society for Fluoride Research at Hyderabad, India, November 2016.
21. **Dobaradaran, S.**, Soleimani, F., Keshtkar, M., Ghaedi, H., Parhizkar, G. Fluoride level and fluoride to chloride ratio in the ballast water in commercial ships entering bushehr port, along the Persian Gulf. (2016): XXXIII Conference of the International Society for Fluoride Research at Hyderabad, India, November 2016.
22. **Dobaradaran, S.**, Soleimani, F., Noroozi Karbasdehi, V., Keshtkar, M., Esmaili, A. Fluoride content of the Persian popular herbal distillates. (2016): XXXIII Conference of the International Society for Fluoride Research at Hyderabad, India, November 2016.
23. **Dobaradaran, S.**, Akhavan, G., Mohajeri Borazjani, J. Data on fluoride concentration level in villages of asara (Alborz, Iran) and daily fluoride intake based on drinking water consumption. (2016): XXXIII Conference of the International Society for Fluoride Research at Hyderabad, India, November 2016.
24. **Dobaradaran, S.**, Keshtkar, M., Hosseini, A., Moradi, M., Soleimani, F., Faraji Ghasemi, F., Golpayegani, E. Biosorption of fluoride from aqueous phase onto Prosopis cineraria: evaluation of biosorption kinetics and isotherms. (2016): XXXIII Conference of the International Society for Fluoride Research at Hyderabad, India, November 2016.

25. **Dobaradaran, S.**, Keshtkar, M., Moradi, M., Hosseini, A., Noroozi Karbasdehi, V., Ghaedi, H. Biosorption of fluoride from aqueous phase onto *Syzygium cumini*: evaluation of biosorption kinetics and isotherms. (2016): XXXIII Conference of the International Society for Fluoride Research at Hyderabad, India, November 2016.
26. **Dobaradaran, S.**, Keshtkar, M., Hosseini, A., Moradi, M., Ghaedi, H., Golpayegani, E. Biosorption of fluoride from aqueous phase by ziziphus leaf: evaluation of biosorption kinetics and isotherms. (2016): XXXIII Conference of the International Society for Fluoride Research at Hyderabad, India, November 2016.
27. **Dobaradaran, S.**, Keshtkar, M., Mirahmadi, R., Faraji Ghasemi, F. Isotherm and kinetic studies on fluoride biosorption from aqueous solution by using cuttlebone obtained from the Persian Gulf. (2016): XXXIII Conference of the International Society for Fluoride Research at Hyderabad, India, November 2016.
28. Noroozi Karbasdehi, V., **Dobaradaran, S.**, Nabipour, I., Ostovar, A., Nazmara, Sh., Mirahmadi, R., Keshtkar, M. A Study on Accumulation of Heavy Metals (Al, Zn, Fe, Mn, Ni, V, Co, And Cr) Concentrations in Surface Sediments of the Nayband Buy/Asalooyeh Intertidal Zone and Lavar-E-Saheli, Bushehr Coastal Province. (2016): The 1<sup>st</sup> International and 19<sup>th</sup> National Conference on Environmental Health and Sustainable Development at Tehran Iran, October 2016.
29. Shabankarehfard, E., **Dobaradaran, S.**, Ostovar, A., Farrokhi, Sh., Naeimi, B., Zaeri, S., Nazmara, Sh. The Relationship between Air-borne and Dust-borne Fungi in Indoor and Outdoor Homes of Patients with Allergic Diseases in Bushehr, Iran, 2015. (2016): The 1<sup>st</sup> International and 19<sup>th</sup> National Conference on Environmental Health and Sustainable Development at Tehran Iran, October 2016.
30. Abtahi, M., Yaghmaeian, K., **Dobaradaran, S.**, Koulivand, A., Saeedi, R., Mohseni-Bandpei, A. National and Sub-National Age-Sex Specific and Cause-Specific Mortality and Disability-Adjusted Life Years (DALYs) for Household Air Pollution from Solid Fuel Use in Iran, 1990-2013. (2016): The 1<sup>st</sup> International and 19<sup>th</sup> National Conference on Environmental Health and Sustainable Development at Tehran Iran, October 2016.
31. **Dobaradaran, S.**, Keshtkar, M., Ahmadi, Z., Heydari, M. Removal of Fluoride from Aqueous Solutions using Cuttlebone as a Biosorbent. (2016): The 1<sup>st</sup> International and 19<sup>th</sup> National Conference on Environmental Health and Sustainable Development at Tehran Iran, October 2016.
32. Amiri, L., Movahed, A., Iranpour, D., Ostovar, A., Raeisi, A., Keshtkar, M., Hajian, N., **Dobaradaran, S.** The Relationship between Heavy Metals and Angiography (Normal and Abnormal), in Patients Treated with Angiography and Cardiology in a Hospital in Bushehr,

2015. (2016): The 1<sup>st</sup> International and 19<sup>th</sup> National Conference on Environmental Health and Sustainable Development at Tehran Iran, October 2016.

33. **Dobaradaran, S.**, Noroozi Karbasdehi, V., Arfaeina, H., Mirahmadi, R., Keshtkar, M., Faraji Ghasemi, F., Khalifei, F. Survey of Microbial Community Profiles in Sediments of Bushehr's Coastal Area and its Relationship with the TOC and Grain Size Sediments. (2016): The 1<sup>st</sup> International and 19<sup>th</sup> National Conference on Environmental Health and Sustainable Development at Tehran Iran, October 2016.
34. Darabi, H., **Dobaradaran, S.**, Khishdost Borazjani, M., Jalali, M.J. Comparing Blood Cells (WBC, RBC, and Platelet) with Dose Rate Radiographers Employed in the Radiology Department of Ganji Hospital in Borazjan City (Bushehr). (2016): The 1<sup>st</sup> International and 19<sup>th</sup> National Conference on Environmental Health and Sustainable Development at Tehran Iran, October 2016.
35. **Dobaradaran, S.**, Nabipour, I., Keshtkar, M., Khorsand, M., Zendehboudi, H. Fluoride removal from aqueous solution using shrimp shell waste (Chitosan) as a cheap biosorbent. (2015): 12<sup>th</sup> International Conference of the European Chitin Society 13<sup>th</sup> International Conference on Chitin and Chitosan at Münster, Germany, September 2015
36. **Dobatadaran, S.**, Khorsand, M., Kouhgard, E. Cadmium removal from aqueous environments using Moringa oleifera ash as biosorbent. (2015): 13<sup>th</sup> Iranian International Congress of Toxicology at Urmia, Iran, May 2015.
37. **Dobaradaran, S.**, Nabipour, I. A comparative study of environmental friendly and cheap biosorbents for removal of fluoride from aqueous solutions. (2014): 32<sup>nd</sup> Conference of the International Society for Fluoride Research, Fluorosis Prevention: From Research at the Cellular Level to Mitigation at Chiang Mai, Thailand, November 2014.
38. **Dobaradaran, S.**, Ranjbar Vakil Abadi, D., Nabipour, I., Lamani, X., Ravanipour, M., Tahmasebi, R., Nazmara, Sh. Comprehensive comparative study of heavy metal, trace and macro element levels in skin and muscle of two commercial species of fish harvested off of the Persian Gulf using ICP-OES technique. (2014): 32<sup>nd</sup> European Congress on Molecular Spectroscopy at Dusseldorf, Germany, August 2014.
39. **Dobaradaran, S.**, Kakuee, M., Khorsand, M. Fluoride biosorption from aqueous solutions using Moringa Oleifera ash. (2013): XXXI<sup>st</sup> Conference of the International Society for Fluoride Research (ISFR) at Tehran, Iran, October 2013.
40. **Dobaradaran, S.**, Ostovar, A., Ravanipour, M., Khajeian, A.M. An Ecological Correlation Study: Is there correlation between fluoride content of drinking water and hypertension?



(2013): XXXI<sup>st</sup> Conference of the International Society for Fluoride Research (ISFR) at Tehran, Iran, October 2013.

41. Nabipour, I., **Dobaradaran, S.**, Elmi, F., Amanollahzade, F., Khorsand, M. Fluoride removal from aqueous solutions using shrimp shell as a cost benefit biosorbent. (2013): XXXI<sup>st</sup> Conference of the International Society for Fluoride Research (ISFR) at Tehran, Iran, October 2013.
42. Nabipour, I., **Dobaradaran, S.**, Keshtkar, M., Noshadi, S., Khorsand, M. Fluoride removal from aqueous solutions using *Padina sanctae crucis* algae as biosorbent. (2013): XXXI<sup>st</sup> Conference of the International Society for Fluoride Research (ISFR) at Tehran, Iran, October 2013.
43. Nabipour, I., **Dobaradaran, S.**, Noshadi, S., Keshtkar, M., Khorsand, M. Fluoride biosorption from aqueous solutions by *Sargassum hystrix* algae. (2013): XXXI<sup>st</sup> Conference of the International Society for Fluoride Research (ISFR) at Tehran, Iran, October 2013.
44. Nabipour, I., **Dobaradaran, S.**, Khorsand, M., Noroozi, V., Mirahmadi, R. Fluoride concentration level of the Persian Gulf shore in Bushehr, Iran. (2013): XXXI<sup>st</sup> Conference of the International Society for Fluoride Research (ISFR) at Tehran, Iran, October 2013.
45. **Dobaradaran, S.**, Hayati, R., Shabankareh fard, E. Evaluation and comparison of fluoride level in bottled, distribution network and decentralized municipal desalination plant water in Bushehr Iran. (2013): XXXI<sup>st</sup> Conference of the International Society for Fluoride Research (ISFR) at Tehran, Iran, October 2013.
46. **Dobaradaran, S.**, Shams, M., Mahvi, A.H., Qasemi, M., Mazloomi, S., Afsharnia, Mojtaba. Fluoride content of bottled, distribution, network, point of use desalinators, and decentralized desalination plant waters in Gonabad, Iran. (2012): XXX<sup>th</sup> Conference of the International Society for Fluoride Research (ISFR) at Szczecin, Poland, September 2012.
47. **Dobaradaran, S.**, Shams, M., Qasemi, M., Mahvi, A.H. Defluoridation of aqueous solution with waste aluminum fillings. (2012): XXX<sup>th</sup> Conference of the International Society for Fluoride Research (ISFR) at Szczecin, Poland, September 2012.
48. **Dobaradaran, S.**, Lutze, H., Schmidt, T.C. Byproducts Formation and Transformation Efficiency during Photochemical Degradation of TCE at Micromolar Concentrations. (2011): 13<sup>th</sup> biannual International Conference on Chemistry and the Environment (ICCE) at Zurich, Switzerland, 2011.

49. **Dobaradaran, S.**, Ranjbar Wakil Abadi, D., Bina, B. Relation between distance from river and some water quality parameters. (2009): 7<sup>th</sup> IWA world congress on water reclamation and reuse at Brisbane, Australia, September 2009.
50. **Dobaradaran, S.**, Bina, B., Mahmoudian, M.H., Hatamzadeh, M., Dehdashti, S. The effect of well depth on water quality in neighboring zone of Zayandehroud, Iran. (2008): International Conference on Environment at Penang, Malaysia 2008.
51. **Dobaradaran, S.**, Mahvi, A.H., Dehdashti, S. Fluoride Content of Bottled Drinking Water Available in Iran. (2007): XXVII<sup>th</sup> Conference of the International Society for Fluoride Research (ISFR) at Beijing, China, October 2007.
52. Gholami Borujeni, F., Mahvi, A.H., Nouri, J., **Dobaradaran, S.** Removal of cadmium from aqueous solution by *Platanus orientalis* leaves. (2007): XXVII<sup>th</sup> Conference of the International Society for Fluoride Research (ISFR) at Beijing, China, October 2007.
53. **Dobaradaran, S.**, Bina, B., Isfahani, N. Occurrence of *Aeromonas* bacterium and heterotrophic bacteria in Isfahan drinking water distribution system in summer. (2007): XXVII<sup>th</sup> Conference of the International Society for Fluoride Research (ISFR) at Beijing, China, October 2007.
54. Khajeahmadi, N., **Dobaradaran, S.**, Nazmara, Sh., Shabankareh fard, E. Evaluation of Haloacetic Acids concentration in bushehr's drinking water in 2014. Shiraz. (2015): The 18<sup>th</sup> National Congress of Environmental Health at Shiraz, Iran, December 2015.
55. Shabankareh fard, E., **Dobaradaran, S.** Evaluation of trihalomethanes concentration in Bushehr's drinking water in 2014. Shiraz. (2015): The 18<sup>th</sup> National Congress of Environmental Health at Shiraz, Iran, December 2015.
56. **Dobaradaran, S.**, Soleimani, F., Nabipour, I., Keshtkar, M. Determination of Manganese biosorption from aqueous solution by *Padina*. Shiraz. (2015): The 18<sup>th</sup> National Congress of Environmental Health at Shiraz, Iran, December 2015.
57. **Dobaradaran, S.**, Keshtkar, M., Nabipour, I., Nazarialamdarloo, T., Poorhosein, M. Cu biosorption from aqueous solution by Cuttlebone. Shiraz. (2015): The 18<sup>th</sup> National Congress of Environmental Health at Shiraz, Iran, December 2015.
58. Keshtkar, M., **Dobaradaran, S.**, Faraji Ghasemi, F., Nabipour, I., Khalifehei, F. Use of cuttlebone as a bioadsorbent for Pb removal from aqueous solution. Shiraz. (2015): The 18<sup>th</sup> National Congress of Environmental Health at Shiraz, Iran, December 2015.
59. **Dobaradaran, S.** The importance of recycling water containers packed. (2015): First National Conference on bottled water at Tehran, Iran, October 2015.

60. **Dobaradaran S.**, Keshtkar, M., Nabipour, I., Noshadi, S., Khorsand, M. Fluoride removal from aqueous solutions using *Padina Sanctae Crucis* algae as biosorbent. Bushehr. (2015): The17<sup>th</sup> National Congress of Environmental Health at Bushehr, Iran, January 2015.
61. Keshtkar, M., Nabipour, I., Khaledi, A., Faraji Ghasemi, F., Darabi, H., **Dobaradaran, S.** Cd removal from aqueous solutions using Cuttlebone as biosorbent. Bushehr. (2015): The17<sup>th</sup> National Congress of Environmental Health at Bushehr, Iran, January 2015.
62. Noroozi Karbasdehi, V., **Dobaradaran, S.**, Ghaedi, H., Mohammadi, M. Evaluation of load microbial contamination of dental unit waterlines in Bushehr. (2015): The17<sup>th</sup> National Congress of Environmental Health at Bushehr, Iran, January 2015.
63. **Dobaradaran, S.**, Noshadi, S., Nabipour, I., Keshtkar, M., Khorsand, M. Fluoride removal from aqueous solutions using *Sargassum hystrix* algae as biosorbent. Bushehr. (2015): The17<sup>th</sup> National Congress of Environmental Health at Bushehr, Iran, January 2015.
64. Shabankareh fard, E., Hayati, R., **Dobaradaran, S.** Evaluation of physical, chemical and microbial quality of distribution network drinkingwater in Bushehr, Iran. Bushehr. (2015): The17<sup>th</sup> National Congress of Environmental Health at Bushehr, Iran, January 2015.
65. Hayati, R., Shabankareh fard, E., **Dobaradaran, S.** Evaluation of physical, chemical and microbial quality of Bottled water distributed in the city of Bushehr in Bushehr, Iran. Bushehr. (2015): The17<sup>th</sup> National Congress of Environmental Health at Bushehr, Iran, January 2015.
66. Kafeai, R., **Dobaradaran, S.** A review on distribution and monitoring of hormones in the environment and their removal in wastewater treatment systems. Bushehr. (2015): The17<sup>th</sup> National Congress of Environmental Health at Bushehr, Iran, January 2015.
67. Dehghani, M., Nabipour, I., **Dobaradaran, S.**, Godarzi, H. A study on accumulation of heavy metals (Fe, Mn, Sr, Ag) in surface sediment and the bivalve Shell *Trachycardium Lacunosu* and their relationship in Nayband Gulf /Asalooye. Bushehr. (2015): The17<sup>th</sup> National Congress of Environmental Health at Bushehr, Iran, January 2015.
68. Noroozi Karbasdehi, V., **Dobaradaran, S.**, Mirahmadi, SR., Mokhtari, H., Darabi, H. Survey of chemical quality of the swimming beaches along the Persian Gulf in Bushehr port. Bushehr. (2015): The17<sup>th</sup> National Congress of Environmental Health at Bushehr, Iran, January 2015.
69. Noroozi Karbasdehi, V., **Dobaradaran S.** Mirahmadi, SR., Mokhtari, H., Darabi, H., Zendebody, H. Survey of microbiological quality of the swimming beaches along the Persian Gulf in Bushehr port. Bushehr. (2015): The17<sup>th</sup> National Congress of Environmental Health at Bushehr, Iran, January 2015.

70. Khajeahmadi, N., Ranjbar VakilAbadi, D., Nabipour, I., **Dobaradaran, S.** Microplastics and marine environment contamination. Bushehr. (2015): The17<sup>th</sup> National Congress of Environmental Health at Bushehr, Iran, January 2015.
71. **Dobaradaran, S.** Evaluation of problems and challenges of working Environmental health inspectors in Bushehr province and its relationship with job satisfaction in 2013. Bushehr. (2015): The17<sup>th</sup> National Congress of Environmental Health at Bushehr, Iran, January 2015.
72. Sifolahi, K., Khaliji, Z., **Dobaradaran, S.** Evaluation of physical, chemical and microbial quality of water swimming pools in Bushehr in 2012. Bushehr. (2015): The17<sup>th</sup> National Congress of Environmental Health at Bushehr, Iran, January 2015.
73. Farzadkia, M., Arfaeinia, H. **Dobaradaran, S.**, Banafshe Afshan, S., Seifi, M., Vaziri, Y. Economic and environmental aspects of recycling of glass, aluminum, paper and cardboard waste from the city of Shiraz, Bushehr. (2015): The17<sup>th</sup> National Congress of Environmental Health at Bushehr, Iran, January 2015.
74. Kermani, M., Arfaeinia, H., Nabizadeh, R., Alimohammadi, M., Shahsavani, A., **Dobaradaran, S.**, Hossini, M. Evaluation of organic and elemental carbon concentrations less than 2.5 micron particulate matter in the air in Tehran. (2015): The17<sup>th</sup> National Congress of Environmental Health at Bushehr, Iran, January 2015.
75. Farokhi, Sh., Ghibi, M.K., **Dobaradaran, S.** Survey of relationship between air pollution and increased risk of diseases and allergies dusty in the South West of Iran, Bushehr. (2015): The17<sup>th</sup> National Congress of Environmental Health at Bushehr, Iran, January 2015.
76. **Dobaradaran, S.**, Esmaili, N., Keshtkar, M. Survey of the maximum period sustainability chlorine residual household water tanks Kangan in summer 2014. (2015): The17<sup>th</sup> National Congress of Environmental Health at Bushehr, Iran, January 2015.
77. Mosaii, A., **Dobaradaran, S.**, Mohajeri, Sh., Hadavi, A. The introduction of geotextile tubes and geotextile bags and evaluation their role in improving sludge dewatering operations from dredging. (2015): The17<sup>th</sup> National Congress of Environmental Health at Bushehr, Iran, January 2015.
78. **Dobaradaran, S.**, Kakuee, M., Pazira, A., Khorsand, M. Fluoride biosorption from aqueous solutions using Moringa Oleifera ash as biosorbent. (2013): The 16<sup>th</sup> National Congress of Environmental Health at Tabriz, Iran, 2013.

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### **Memberships and Achievements:**

1. Editorial Board International Journal of Environmental Research and Public Health

2. Editorial Board Journal of Environmental and Public Health
  3. Editorial Board Iranian Journal of Health and Environment (IJHE)
  4. Editorial Board Journal of Environmental Health and Sustainable Development
  5. Editorial board of Fluoride
  6. Board member of the Iranian Association of Environmental Health (IAEH)
  7. Member of Iranian Association of Environmental Health (IAEH)
  8. Member of the International Society for Fluoride Research (ISFR)
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## **Publications:**

### **A. Books:**

Nine books (in Persian)

### **B. Published Journal articles:**

1. Parhizkar, G., Doroodzani, A.K., Dobaradaran, S (**Corresponding author**), Ramavandi, B., Hashemi, S.E., Raeisi, A., Nabipour, I., Keshmiri, S., Darabi, A.H., Afrashte, S. and Khamisipour, G., 2021. Childhood exposure to metal (loid) s in industrial and urban areas along the Persian Gulf using toenail tissue as a biomarker. *Environmental Pollution*, p.118090.
2. Akhbarizadeh, R., **Dobaradaran, S (Corresponding author)**, Parhizgar, G., Schmidt, T.C. and Mallaki, R., 2021. Potentially toxic elements leachates from cigarette butts into different types of water: A threat for aquatic environments and ecosystems?. *Environmental Research*, 202, p.111706.
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analysis of solar ultraviolet radiation based on Ozone Monitoring Instrument dataset in Iran, 2005–2019. *Environmental Research*, 287, p. 117643.

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9. Doroodzani, A.K., **Dobaradaran, S (Corresponding author)**., Akhbarizadeh, R., Raeisi, A., Rahmani, E., Mahmoodi, M., Nabipour, I., Keshmiri, S., Darabi, A.H., Khamisipour, G. and Mahmudpour, M., 2021. Diet, exposure to polycyclic aromatic hydrocarbons during pregnancy, and fetal growth: A comparative study of mothers and their fetuses in industrial and urban areas in Southwest Iran. *Environmental Pollution*, 276, p.116668.
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151. **Dobaradaran, S (Corresponding author).**, Nabipour, I., Tajbakhsh, S., Khorsand, M., Keshtkar, M., Khaledi, A., Babaahmadi, F.( 2015): Biosorption of cadmium from aqueous solution onto cuttle bone obtained along the Persian Gulf coast as a cheap and effective biosorbent: Evaluation of adsorption isotherms and kinetics. *Journal of Mazandaran University of Medical Sciences*, 26(139).

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156. **Dobaradaran, S (Corresponding author)**., Mohamadzadeh, F. (2014): Servey of the oil and gas pollutant impacts on the human and environment. *Teb Jonob (In Persian)*, 17 (1): 85-98.
157. **Dobaradaran, S.**, Hamedian, A.A., Tahmasebi, R., Qaedi, H\*., Mohamadi, A., Alizadeh Otaghvar, HR. (2014): Microbial quality evaluation of pasteurized and sterilized marketing milks in Bushehr. *Teb Jonob (In Persian)*, 17 (1): 76-84.
158. Ranjbar Wakilabady, D., **Dobaradaran, S (Corresponding author)**., Tahmasebi, R., Ravanipour, M., Faramandnia, M., Kazemi Wakilabady. (2013): Bacterial Quality of Drinking Water in Bushehr Intercity Buses in 2010. *Journal of Fasa University of Medical Sciences (In Persian)*, 2 (3).
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162. **Dobaradaran, S.**, Bina, B\*, Nasr Isfahani, B. (2006): The effect of some physical and chemical parameters on regrowth of *Aeromonas* bacterium and HPC bacteria in Isfahan drinking waters system. *Water and Wastewater journal (In Persian)*, 57.
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**Fields of Interests:**

1. Environmental epidemiology & Environmental Medicine
  2. Environment pollution monitoring (including Sea and water, Air and Soil)
  3. Micropollutants
  4. Microplastic
  5. Cigarette butt
  6. Water treatment processes
  7. Wastewater treatment (Bio and Chemical processes)
  8. Survey on aquatic organisms (monitoring contamination, Bioindicator, Bioremediation)
  9. Fluoride
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**Other Qualifications:**

10. Best PhD student in Iran honored by Iran President (2010).
11. Best researcher in Bushehr Province (2010, 2015).
12. Award by Ministry of Energy for translation of Environmental Pollution Control Microbiology (By McKinney) (2010).
13. Eminent Master of Faculty Health, Bushehr University of Medical Sciences (2012).
14. Awarded by Ministry of Health and Education for research (2010, 2018, 2019, 2020).
15. Awarded by Iranian Association of Environmental Health for reseach (2010).
16. First grade in MASc Course (2006).
17. Best researcher at Bushehr University of Medical Sciences (2012, 2013, 2015).

18. Characterization of plastic debris and association of metals with microplastics in coastline sediments along the Persian Gulf. The 3rd International and 21st national Conference on Environmental Health at Zanjan, Iran, February 2019 (The best poster presentation) (2019).
  19. Use of cuttlebone as a bioadsorbent for Pb removal from aqueous solution. Shiraz. The 18th National Congress of Environmental Health at Shiraz, Iran, December 2015 (The best poster presentation) (2015).
  20. Fluoride removal from aqueous solutions using *Padina Sanctae Crucis* algae as biosorbent. Bushehr. The 17th National Congress of Environmental Health at Bushehr, Iran, January 2015 (The best poster presentation) (2015).
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