

Prof. Vali Alipour

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CV (Curriculum Vitae)

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Personal Information	Education	Academic Appointments
Trainings Passed	Publications	Experience
Research Projects	Presentations	Students Supervised
Scientific-Executive Records	Honors, Awards and Inventions	Professional Memberships
Research Interests	Cultural & Social Activities	Referees

A. Personal Information

First Name: Vali

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Date of Birth: 30/04/1974

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Home Page: Under Construction

B. Education

Degree	Field	Institution	City	Country	Date
Ph.D.	Environmental health engineering	Tehran University of Medical Sciences	Tehran	Iran	2013
M.Sc.	Environmental health engineering	Isfahan University of Medical Sciences	Isfahan	Iran	1992
B.Sc.	Environmental health engineering	Kashan University of Medical Sciences	Kashan	Iran	1989

C. Academic Appointments

Year	Academic Rank	Institution
2022-2024	Vice President of University Research and Technology	HUMS
2022-Present	Editor of Tobacco and Health Journal	HUMS
2013-2022	The head of the Environmental Health dept	HUMS
2011-20103	The head of the Environmental and Occupational Health research center	HUMS
2005-2009	The head of the Environmental Health Engineering Department	HUMS

D. Experience

D.I. Teaching

Field	Grade	Courses	Field	Grade	Courses
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MSc	Water Treatment plant design	Environmental Sciences	PhD	Environmental modeling
MSc	wastewater treatment plant design		MSc	Environmental impact Assessment
MSc	Design of Municipal Wastewater Treatment Plant operation and maintenance of water and wastewater facilities		BS	Fluid Mechanics
BS	Design water transmission and distribution facilities		MSc & BS	ESP (Environmental Health & Engineering)
BS	wastewater collection systems design and surface waters		BS	the principles of environmental health
BS	Fluid Mechanics		BS	hydraulic principles
BS	motor and pump in water and wastewater facilities		BS	Water and Wastewater Chemistry and Microbiology
MSc	industrial wastewater treatment design		BS	drilling and operation of wells
MSc	the principles of treatment and rehabilitation of water resources waste water treatment in small communities		BS	Occupational Health
BS	Biomass Energy		BS	Health of food
		Health Sciences	BS	Health of Water
			BS	Disinfection and disinfectants
			BS	Health of Housing
			BS	Health measures in emergency situations

F.II. Practical Project

Client

duty

Year

Consultant of the HSE & Utility Depts	Persian Gulf Star Oil	Consulting for Industrial wastewater treatment plant	2017-now
Consultant of the HSE Dept	Kish South Kaveh Steel Hormuzgan plant	Water & Wastewater management	2019-now
Consultant of the HSE Dept	Sarcheshme copper complex	Air and waste treatment and specialized management	2013-now
Consultant of the HSE Dept	Bandar Abbas Oil Refinery	Water & Wastewater and waste management	2012-2015
Consultant of the HSE Dept	Serkhon and Qeshm gas refineries	providing expert advice in the field of treatment and air and waste management	2010-2012
Consultant of Vice President of Engineering	Hormozgan Steel Co	providing specialized advice in the field of energy and fluids	2014-2019
Environmental Assessment collection and wastewater treatment projects in seven cities of Isfahan	Isfahan Province Water and Wastewater Company	Design experts	2002-2003
The environmental assessment of the Balance Plan steel industry	Isfahan Zob Ahan Company	Design experts	2000-2001
Design of wastewater treatment plant for Shams Abad and Abbas Abad Industrial towns, Tehran	Ministry of Industries and Mines	Design experts	2000
Design of collection and wastewater treatment plant for 8 villages of the province	Health Engineering Ministry of Agriculture	Project Manager	2001-2002
design of water treatment plant for the rural zone of Lenjan in Isfahan Province	Isfahan water and wastewater company	Project Manager	2001-2002
upgrading the Integrated Rural Water Treatment for Zabol city	in Sistan Va Baluchestan Rural Water and Wastewater Company	Project Manager	2003-2004
design, implementation, commissioning and operation of wastewater treatment plants	Zarif – Mosavar carpet factory	project manager	2002

study of treated waste reuse generated from raw material production for the textile industry (DMT).	DMT factory, Isfahan	project manager	2000-2001
Hendijan urban water distribution network design and scroll	Khuzestan Water and Wastewater Company -	project manager	2003
Qualitative analysis of transmission line and distribution network in rural areas of Zabl- city	Sistan Va Baluchestan Water and Wastewater Company	project manager	2003
11. The quality of teaching software of hydraulic design and analysis of water distribution networks (EPANET)	Chaharmahal Va Bakhtiari Water and Wastewater Company	project manager	2003
12. Design of water distribution network for Qale Qazy city, Hormozgan	Hormozgan Rural Water and Wastewater Company	project manager	2004
Design of collection network and wastewater treatment plant for Abumusa Island	Hormozgan Water and Wastewater Company	project manager	2007
Design of collection network and wastewater treatment plant for Bastak city	Hormozgan Water and Wastewater Company	project manager	2011-2012

E. Publications

E.I. Articles

1. E Askari, **V Alipour**, O Rahmanian (**2025**), Synthesis and application of adsorbent pads for removal of oil pollutants from water, Heliyon 11 (4)
2. N Moftian, H Arfaeinia, F Talebi, F Soleimani, S Dadipoor, **V Alipour**, (**2025**) Potentially toxic metals in umbilical cord blood as a biomarker for passive smoker women, Scientific Reports 15 (1), 21921
3. V Alipour, I Mahmoudi, M Borzoei, F Mehri, M Sarkhosh, I Limam, R Nasiri, (**2025**), Concentration of potentially toxic elements (PTEs) in Rapid Coffee Products in Bandar Abbas, Iran: Probabilistic non-carcinogenic and carcinogenic risk Assessment, Biological Trace Element Research 203 (2), 1209-1220
4. L Rezaei, **V Alipour**, AH Hassani, MD Ghantghestani (**2024**), Environmental health risk of brine disposal for reverse osmosis water desalination plants: A case study in Bandar Abbas city, Iran, Regional Studies in Marine Science 77, 103606
5. F Soleimani, **V Alipour**, S Dadipoor, C Lidón-Moyano, A Vazirizadeh (**2024**), Peronia peronii as a bio-indicator to assess the toxicity of waterpipe tobacco leachates in aquatic and sediment media, Environmental Geochemistry and Health 46 (9), 323
6. **V Alipour**, I Mahmoudi, M Borzoei, F Mehri, M Sarkhosh, I Limam, R Nasiri (**2024**), Concentration of Potentially Toxic Elements (PTEs) in Rapid Coffee Products in Bandar

Abbas, Iran: Probabilistic Non-Carcinogenic and Carcinogenic Risk Assessment, Biological Trace Element Research, 1-12

7. V Pesarakloo, AH Hassani, **V Alipour**, AH Javid (2024), Technical and economic of various pretreatment methods for desalination of seawater using reverse osmosis, International Journal of Environmental Science and Technology, 1-16
8. M Khaksar, **V Alipour**, O Rahmanian, N Soltani (2024), The risk of gastrointestinal cancer and nitrate intake due to vegetable consumption: A case-control study in Minab, Iran, Environmental Health Engineering And Management Journal, 0-0
9. F Soleimani, MR Masjedi, **V Alipour**, S Dadipoor, R Rashidi, R Asgariyan (2023), Release of polychlorinated biphenyls (PCBs) and organochlorine pesticides (OCPs) from cigarette butts into the aquatic environment: Levels and ecotoxicity,
10. **V Alipour**, S Dehghani, L Rezaei, S Jabari, A Qanbaranjad, F Soleimani (2023), Investigating the Microbial Contamination of Unpackaged Cigarettes (Bulk) in Bandar Abbas City, Iran, Tobacco and Health 2 (3), 129-134
11. K Jafari, M Heidari, A Fatehizadeh, K Dindarloo, **V Alipour**, O Rahmanian (2023), Extensive sorption of Amoxicillin by highly efficient carbon-based adsorbent from palm kernel: Artificial neural network modeling, Heliyon 9 (8)
12. M Amrollahi Jalal Abadi, M Dehghani Ghanatghestani, **Alipour** (2023), Model of Environmental Management System with the Approach of Pollution Control Measures of Copper Industries, Environmental Researches, 3-2
13. HE Jafari, M Houdaji, F Ghanati, Y Hosseini, **V Alipour** (2023), Investigation of the effect of Cadmium pollution and irrigation with magnetized water on the growth and antioxidants of vetiver grass, IRANIAN WATER RESEARCH JOURNAL 16 (447002051), 103-113
14. E Jafari Hafshajani, M Hoodaji, F Ghanati, Y Hosseini, **V Alipour** (2022), The Effect of Magnetized Water on the Absorption of Cadmium Using Synthetic Effluents by Lantana camara Species, Journal of Health Sciences & Surveillance System 10 (4), 408-419
15. **V Alipour**, H Eshaghi, L Rezaei, A Ghanbarnejad, Z Hosseini, HR Ghaffari (2022) Relationship between Exposure to Hookah Smoke and Lung Capacity of Hookah Cafe Employees, tobacco and Health 1 (3), 127-131]
16. **V Alipour**, H R Ghaffari, S A Hossaini, H Niknejad (2022), Performance of ceramic filter coated with silver nanoparticles in removal of Escherichia Coli from drinking water, Journal of Health in the Field 10 (1), 23-30
17. T Darijani, **V Alipour** M Heidari (2022), Ecological Risks Attributed to the Heavy Metals Pollution of Dust Settled on the Surface of Coastal Roads along the Persian Gulf, Journal of Environmental Health and Sustainable Development 7 (3), 1719-1726
18. Z Kamari, **V Alipour**, K Dindarloo, M Fazlzadeh, A Ghanbarnejad (2022) Assessing the Risk of Carcinogenesis Caused by Exposure to Heavy Metals Through the Consumption of Drinking Water (A Case Study of Bandar Abbas Drinking Water), Journal of Preventive Medicine 9 (1), 90-101
19. AA Zamani, HR Abbasi, **V Alipour**, M Peyravi, P Shojaei, A Goli, (2022) Drinking water resources criteria in emergencies and disasters: A systematic literature review, Environmental Health Engineering and Management Journal: 9(1), 0-0
20. HR Ghaffari, H Farshidi, **V Alipour**, K Dindarloo, MH Azad, M Jamalidoust (2021) Detection of SARS-CoV-2 in the indoor air of intensive care unit (ICU) for severe COVID-19 patients and its surroundings: considering the role of environmental conditions, Environmental Science and Pollution Research, 1-7

21. M Heidari, T Darijani, V **Alipour** (2021), Heavy metal pollution of road dust in a city and its highly polluted suburb; quantitative source apportionment and source-specific ecological and health risk assessment, *Chemosphere* 273, 129656
22. S Sahraeian, V **Alipour**, M Heidari, O Rahmanian, M Karimi Abdolmaleki(2021), Application of photocatalytic process using UV/TiO₂ for degradation of Cefepime: A comparison between photocatalytic and photolytic, *Iranian Journal of Chemistry and Chemical Engineering (IJCCE)*
23. L Rezaei, V **Alipour**, P Sharafi, H Ghaffari, A Nematollahi, V Pesarakloo(2021), Concentration of cadmium, arsenic, and lead in rice (*Oryza sativa*) and probabilistic health risk assessment: A case study in Hormozgan province, Iran, *Environmental Health Engineering and Management Journal* 8 (2), 31-40
24. R Keshavarz, V **Alipour**, MM Hosseini, M Safatian (2021), Practical Methods for Drinking Water Supply in Crisis and Emergency Situations, *Journal of Marine Medicine* 3 (1), 1-7
25. S Shekoohian, O Rahmanian, V **Alipour**, M Chamack, A Rahmania (2021), Removal of Bisphenol A from water using Fe₂O₃/ZnO photocatalytic process in the presence of visible light, *Journal of Preventive Medicine* 7 (4), 35-22
26. S Shekoohian, A Rahmania, M Chamack, G Moussavi, O Rahmanian, V **Alipour**, (2020) A novel CuO/Fe₂O₃/ZnO composite for visible-light assisted photocatalytic oxidation of Bisphenol A: Kinetics, degradation pathways, and toxicity elimination, *Separation and Purification Technology*, 116821
27. MR Mehrgan, HA Mahdiraji, S Binaee, V Alipour, SH Razavi Haji Agha (2020), Modeling of environmental aspects related to reverse osmosis desalination supply chain, *Environmental Health Engineering and Management Journal* 7 (1), 31-40
28. L Rezaei, M Dehghani, AH Hassani, V **Alipour** (2020), Seawater reverse osmosis membrane fouling causes in a full-scale desalination plant; through the analysis of environmental issues: raw water quality, *Environmental Health Engineering and Management* 7 (2), 119-126
29. Hasanzadeh, V., **Alipour**, V., Goodarzi, B. et al (2019) Experimental and Kinetic Analysis of H₂S Removal in a Polyurethane Foam/Palm Fiber-Based Biofilter with No pH Control. *Iran J Sci Technol Trans Civ Eng* 43, 781–789 .<https://doi.org/10.1007/s40996-018-0215-z>
30. S Norouzi, M Heidari, V Alipour, O Rahmanian, M Fazlzadeh, (2018) Preparation, characterization and Cr (VI) adsorption evaluation of NaOH-activated carbon produced from Date Press Cake; an agro-industrial waste, *Bioresource technology* 258, 48-56
31. S Sahraeian, V Alipour, O Rahmanian, (2017), Highly efficient degradation of Cefixime using UV/TiO₂ photocatalytic process: A comparison between photocatalytic and photolytic, *Hormozgan Medical Journal* 21 (3), 159
32. Alipour V, Moein F, Rezaei L, (2017), Determining the Salt Tolerance Threshold for Biological Treatment of Salty Wastewater, *Health Scope* 6 (1), 1-5
33. HR Ghaffari, H Pasalari, A Tajvar, K Dindarloo, B Goudarzi, V **Alipour**, (2017), Linear and Nonlinear Two-Parameter Adsorption Isotherm Modeling: A Case-Study the International Journal of Engineering and Science 6 (6), 01-1
34. Z Akbarlou, V **Alipour**, M Heidari, K Dindarloo, (2017) Adsorption of diazinon from aqueous solutions onto an activated carbon sample produced in Iran, *Environmental Health Engineering and Management Journal* 4 (2), 93-99

35. V Hasanzadeh, **V Alipour**, B Goodarzi, O Rahmanian, K Dindarloo, (2017), Biological removal of hydrogen sulfide by a biofilter with a bed of polyurethane foam and palm fiber Journal of Mazandaran University of Medical Sciences 27 (147), 276-290
36. B Goudarzi, H Pasalari, K Dindarloo, HR Ghaffari, **V Alipour**, A Tajvar, (2017) Acid Red 18 Dye Removal from Aqueous Solution Using Combined Process of Coagulation and Nanoparticle Zero Valent Iron (nZVI), The International Journal of Engineering and Science 6 (9), 74- 79
37. T Shahrivar, M Mokhtari, **V Alipour**, (2017), An Investigation into the Effects of Alcoholic Extract of Alhagi maurorum on Lipid Profiles in Streptozotocin-Induced Diabetic Male Rats, Journal of Alternative Veterinary Medicine 1 (2), 70-7
38. A Nikoonahad, R Naserifar, **V Alipour**, A Poursafar, M Miri, HR Ghafari, (2017) Assessment of hospitalization and mortality from exposure to PM10 using AirQ modeling in Ilam, Iran, Environmental Science and Pollution Research 24 (27), 2179121796
39. **V Alipour**, M Etesamirad, S Rahdar, M Narooie, A Salimi, J Hasani,(2017) Introduction of Red Soil (Ocher) of Hormoz Island as a Natural Adsorbent to Removal of Cadmium from Aqueous Solutions, Journal of Global Pharma Technology 1 (9), 17-24
40. **V Alipour**, K Dindarlou, G.R Farshidfar, Chemical quality of drinking water in Bandar Abbas, Medical Journal Of Hormozgan University: 2006
41. **V Alipour**, V Pesarakloo,(2017) A qualitative evaluation of the wastewater treatment plants performance in one of army units based on effluent quality and comparison with the national environmental standards, Ebnesina 18 (4), 66-69
42. **V Alipour**, L Rezaei, M Etesamirad, S Rahdar, MR Narooie, A Salimi, Feasibility and Applicability of Solar Disinfection (SODIS) for Point-of-use Water Treatment in Bandar Abbas, South of Iran, Journal of Global Pharma Technology 1 (9), 40-46
43. **V Alipour**, AH Mahvi, L Rezaei, Atmospheric moisture condensation to water recovery by home air conditioners, American Journal of Applied Sciences 10 (8), 917: 2013
44. **V Alipour**, L Rezaei, K Moalemi, M Eghbali, Microbial Quality of Hand-Made Fresh Fruit Juice in Bandar Abbas Shopping Centers, Iran, Iranian Journal of Health and Environment 4 (1), 115-124: 2011
45. H Biglari, M Saeidi, **V Alipour** S Rahdar, Y Sohrabi, R Khaksefidi, Prospect of Disinfection Byproducts in Water Resources of Zabol, Interna tional Journal of Pharmacy & Technology 8 (3), 17856-17865
46. A Koolivand, AH Mahvi, **V Alipour**, K Azizi, M Binavapour, () Investigating composition and production rate of healthcare waste and associated management practices in Bandar Abbass, Iran, Waste Management & Research 30 (6), 601-606: 2012
47. **V Alipour**, L Rezaei, Prevalence of noise induced hearing loss among vehicle drivers at Bandar Abbas freight terminal, south of Iran, Environmental Health Engineering and Management Journal 2 (3), 135-139
48. Morteza Ahamadabadi, Mehdi Saeidi, Somayeh Rahdar, Mohammad Reza Narooie, Arsalan Salimi, **Vali Alipour**, Razieh Khaksefidi, Mohammad Mehdi Baneshi, Hamed Biglari (), Assessment of the Chemical Quality of Groundwater Resources in Chabahaar city using GIS Software in 2016, Research Journal of Applied Sciences 11 (11), 13991403;2016
49. L Rezaei, **V Alipour**, Bandar Abbas freight terminal, south of Iran, Environmental Health Engineering And Management Journal 2 (3), 135-139

50. **V Alipour**, K Dindarloo, SH Zare, Microbial quality of drinking water of Bandar Abbas' buses , Bimonthly Journal of Hormozgan University of Medical Sciences 8 (4), 215-219: 2005, 2005
51. H Biglari, M Saeidi, MR Narooie, **V Alipour**, Y Sohrabi, R Khaksefidi, Survey on The Quantity of Hazardous Wastes Generated in Isfahan Medical Centers, Iran, International Journal of Pharmacy & Technology 8 (3), 17872-17877
52. **V Alipour**, K Dindarloo, AH Mahvi, L Rezaei, Evaluation of corrosion and scaling tendency indices in a drinking water distribution system: a case study of Bandar Abbas city, Iran , IWA Publishing: 2014
53. K Dindarloo, HR Ghaffari, Z Kheradpisheh, **V Alipour**, A Ghanbarnejad, Drinking water quality: comparative study of tap water, drinking bottled water and point of use (PoU) treated water in Bandar-e-Abbas, Iran, Desalination and Water Treatment, 1-7: 2015
54. S Abedini, **V Alipour**, Cadmium removal from synthetic wastewater by using Moringa oleifera seed powder, Environmental Health Engineering and Management Journal 2 (4), 157-163
55. A Koolivand, AH Mahvi, K Azizi, M Binavapour, **V Alipour**, Quality analysis and management of health-care Waste-Products , Bimonthly Journal of Hormozgan University of Medical Sciences 14 (1), 72-79:, 2010, 2010
56. M Dehghani, F Mosaferi, **V Alipour**, Heavy Metals in the Imported and Iranian Rice Consumed in Hormozgan Province, Journal of health sciences and surveillance system 4(3), 106-110
57. K Dindarloo, HR Ghaffari, Z Kheradpisheh, **V Alipour**, A Ghanbarnejad, Drinking water quality: comparative study of tap water, drinking bottled water and point of use (PoU) treated water in Bandar-e-Abbas, Iran, Desalination and Water Treatment 57 (10), 4487-4493
58. AH Mahvi, K Dindarlou, HA Ali Jamali, **V Alipour**, Corrosion and scaling in Bandar Abbas Pipe water network , Bimonthly Journal of Hormozgan University of Medical Sciences 14 (4), 335-340: 2011, 2011
59. Hamed Biglari, Mehdi Saeidi, Younes Sohrabi, Razieh Khaksefidi, Somayeh Rahdar, Mohammad Reza Narooie, **Vali Alipour**, Amin Zarei, Morteza Ahamadabadi, Persica a Miracle in the Protect and Promote Oral and Dental Health, International Journal of Pharmacy & Technology 8 (3), 17957-17967
60. **V Alipour**, S Nasserli, RN Nodehi, AH Mahvi, A Rashidi, Preparation and application of oyster shell supported zero valent nano scale iron for removal of natural organic matter from aqueous solutions, Journal of Environmental Health Science and Engineering 12 (1), 146: 2014
61. H Biglari, M Saeidi, M Poursadeghiyan, H Sharafi, MR Narooie, **V Alipour**, Study on Noise Pollution in the City of Tehran, Iran, International Journal of Pharmacy & Technology 8 (3), 17942-17948
62. K. Dindarloo, HA Jamali, **V Alipour**, Z Kheradpishe, B Godarzi, Quality and treatability of seafood processing wastewater using coagulation–flocculation, Bimonthly Journal of Hormozgan University of Medical Sciences 18 (2), 113-119: 2014
63. AH Mahvi, **V Alipour**, L Rezaei, A Nohegar, MM Hosainzadeh, Qualitative and quantitative study of water obtained from condensate atmosphere humidity in Bandar Abbas air conditioners , Bimonthly Journal of Hormozgan University of Medical Sciences 18 (1), 73-80: 2014

64. **V Alipour**, L. Rezaei, A Ghanbarnejad, Trihalomethanes Formation Potential in Water Supply System of Bandar Abbas (Southern Iran): from Source to Distribution Network , *Journal of health sciences and surveillance system* 2 (1), 36-41: m2014
65. **V Alipour**, AH Mahvi, L Rezaei, Quantitative and qualitative characteristics of condensate water of home air-conditioning system in Iran, *Desalination and Water Treatment*, 1-6: 2013
66. HR Zeinaddine, A Ebrahimi, **V Alipour**, L Rezaei , Removal of Nitrogen and Phosphorous from Wastewater of Seafood Market by Intermittent Cycle Extended Aeration System (ICEAS), *Journal of health sciences and surveillance system* 1 (2), 8993: 2013
67. M H Biglari, Saeidi, **V Alipour**, S Rahdar, R Sohrabi, Younes, Khaksefidi, ..., "review on hydrochemical and health effects of it in sistian and baluchistan groundwater,s Iran, *International Journal of Pharmacy & Technology* 8 (3), 17900-17920
68. **V Alipour**, L Rezaei, Upgrading of the Mono Media Filters in Water Treatment Plants by Changing Filter Media, *Iranian Journal of Health and Environment* 3 (4), 431-438: 2011, 2011
69. R Khaksefidi, **VAlipour**, M Narooie , S Rahdar , H Biglari , M Baneshi , M Ahamadabadi , M Saeidi , A Salimi, Evaluate the Efficiency of Ashes from Palm and Pistachio Wastes in Removal of Reactive Red 120 Dye from Aqueous Solutions, *Research Journal of Applied Sciences* 11 (11), 1411-1415, 2016
70. **V Alipour**, AM Araghizadeh, L Rezaei, Infection Control Assessment in Private Dental Clinics of Bandar Abbas, Iran, *International Journal of Infectious Diseases* 12, e169-e170: 2008
71. **V Alipour**, Z Kheradpisheh, L Rezaei, K Dindarloo (**2013**), microbial quality of dental unit water in private dental offices of bandar abbas, southern iran. *Journal of Applied Technology in Environmental Sanitation* 3 (2)
72. H Biglari, S Mehdi, R Somayeh, Y Narooie Mohammad Reza, Sohrabi, **V Alipour** (**2016**)...Bio- Organic Fertilizer Production Using Saffron Petal Wastes by Vermicomposting Method, *International Journal of Pharmacy & Technology* 8 (3), 17988-17995
73. S Rahdar, R Khaksefidi, **V Alipour**, M Saeidi, M Narooie, A Salimi, H Biglari, M Baneshi, M Ahamadabadi, Phenol Adsorptive by Cumin Straw Ash from Aqueous Environments, *IIOABJ* 7(2), 536–541; 2016.
74. ASajjadi, **V Alipour**, M Matlabi, H Biglari, Consumer Perception and Preference of Drinking Water Sources, *Electronic Physician* 8 (11), 3228;2016
75. M Heidari, K Mohammad Moradi, K Dindarloo, **V Alipour**,Removal of bromide from aqueous solutions using the UV/ZnO process based on the multivariate analysis model, *Environmental Health Engineering and Management Journal* 4 (1), 15-19; 2016
76. Y Sohrabi, **V Alipour**, S Rahdar, M Baneshi, M Ahamadabadi, M Narooie, R Khaksefidi, M Saeidi, H Biglari, Risk Detection and Assessment in Wood and Metal Products Industries Using Hazan Method, *International Journal of Tropical Medicine* 11 (6), 246-250;2016
77. **V Alipour**, M Baneshi, S Rahdar, M Narooie, A Salimi, R Khaksefidi, M Saeidi, M Ahamadabadi, HBiglari, Are Household Water Purification Devices Useful to Improve the Physical Chemical and Microbial Quality of the Feed Water? Case Study: Bandar Abbas South of Iran, *International Journal of Tropical Medicine* 11 (6), 251-256

78. Z Mosalanegad, **V Alipour**, M Montaseri, L Rezaei (**2016**) Environmental health and safety parameters status in marine vessels ; Qshm - Bandar Abbas route, preventive medicine journal 3 (3), 44-50

E. II. Books

Year	Book Title (All in Persian)
2025	Soil pollution management and control in industry
2025	Air Pollution; Management and Control in Industry
2024	Principles of Sanitary and Industrial Wastewater Management
2024	Principles of Solid Waste Management in Industries
2022	Reverse osmosis desalination system design and operation
2015	Fluid Mechanics and Hydraulic
2011	Crisis Management and Passive Defense in Drinking Water Supply Systems (Top of Passive defense of the country)
2010	Environmental Impact Assessment
2010	Environmentally friendly industry
2009	Environmental Engineering, Vol II (water purification)
2009	Environmental Engineering Vol III (wastewater treatment)
2009	Environmental Engineering Vol IV (solid waste management)
2008	Environmental Engineering Vol I (air pollution)
2002	Principles of water quality
2001	Water Treatment; principles and practical of water treatment operation
Ready to press	Water and wastewater chemistry
Ready to press	Hydraulic water & wastewater treatment plants

F. Trainings Passed

D.I. Courses

Title	Year
2003	Article writing in English
2004	Problem based learning (PBL workshop
2005	Advanced scientific writing in English.
2004	Evaluation of Educational Achievement (designed multiple-choice questions)
2003	Workshop Case study, Letter to editor
2005	workshop on essay writing in English
2005	Translation into English
2007	Workshop on Teaching Methods
2006	Teaching methods, evaluation methods for Questions Design
2006	curriculum writing for development an educational and training goals
2006	Cultural and scientific advice students
2006	Workshop on Medical Ethics
2006	Understanding the evolution of education in science
2006	Scientific writing
2008	Basic and advanced research methods
2004	The use of electronic resources
2007	Effective communication workshop for teachers and students
2006	Oral presentation poster and workshop
2011	Arc GIS Workshop
2012	Essay Workshop in English

G. Research Projects

<i>Year</i>	<i>Research Title</i>
2024	A systematic review of the chemical contents of smokeless tobacco products
2024	Determining the content and comparison of heavy metals in the wastewater of traditional and fruit hookahs in the hookah shops of Bandar Abbas city
2024	Studying the efficiency of the absorption process using magnetic activated carbon prepared from almond skin to remove arsenic from aqueous solutions
2024	Extraction of natural compounds of microalgae <i>Dunaliella salina</i> propagated using brine
2023	Investigating the prevalence, chemical content, microbial contamination and health consequences of NAS consumption in the south/southeast region of Iran: a biomonitoring study
2023	Investigating the content of heavy metals in the milk of mothers exposed to second-hand and third-hand tobacco smoke in Bushehr in 2023
2020	The effect of environmental health indicators of Reagan County elementary schools on students' health with emphasis on respiratory and skin diseases in 2020
2020	Evaluation of the performance of the biofiltration system in the removal of hydrogen sulfide from air in transient conditions
2020	Evaluation of the performance of biofiltration system with a mixture of polyurethane and palm fiber in the removal of hydrogen sulfide from the air
2019	Assessing the health risk of exposure to heavy metals through coffee consumption
2019	The effect of different types of air conditioning systems on the spread of coronavirus acute respiratory syndrome 2 (SARS-CoV-2) in closed environments
2019	Investigation of personal and environmental factors affecting the infection of fishmongers in Bandar Abbas with Covid 19
2019	Assessing the carcinogenic risk of exposure to heavy metals through drinking water consumption; Comparison of two areas with high and low risk of gastric cancer
2018	Contracting and implementation of the plan Investigating the quality of drinking water in villages without plumbing in Sarbaz city
2018	Design, construction and performance evaluation of a home water purifier based on ceramic filter reinforced with nanosilver compounds for use in less privileged areas or crisis situations
2017	Evaluation of microplastic distribution and molecular structure in the digestive tract of consumed fish in Hormozgan province
2017	Evaluation of combined flotation performance with pressurized air and coagulation developed to remove taste and odor-producing agents from aqueous solutions
2017	Investigation of heavy metal content of sedimentary street and road dust in Bandar Abbas and related health risk assessment
2017	Evaluation of the relationship between nitrate and nitrite concentrations in vegetables and summer vegetables consumed with the prevalence of gastric and intestinal cancers in Minab city
2016	Evaluation of the relationship between nitrate and nitrite concentrations in vegetables and summer vegetables consumed with the prevalence of gastric and intestinal cancers in Minab city

2016	Removal of bisphenol A using photocatalytic process and determination of biotoxicity of process output
2015	assessment of environmental health and safety indices in marine vessels in Bandar Abbas -Qshn Way
2014	Remove bromide using Nanvftvkatalysty process ZnOUV / in aqueous solutions (pilot study): Master of Environmental Health, University of Medical Sciences
2014	evaluate the performance of granular activated carbon to remove pesticides from aqueous solutions (pilot study): Master of Environmental Health, University of Medical Sciences: 2014
2014	The use of porous ceramic filter reinforced with silver nanoparticles for disinfection and iron removal from drinking water: Master of Environmental Health, University of Medical Sciences
2009	The study on air pollutants from fossil fuel consumption in Taxi and Buses of Bandar Abbas
2009	Evaluation of the common phosphorus pesticide residues in vegetables marketed in the main wholesale fruit and vegetable market in Bandar Abbas
2009	Evaluation of corrosion and scaling in water distribution network in Bandar Abbas
2008	Evaluation of hearing loss among dentists in Bandar Abbas
2008	the concentration of organic matter in drinking water of Bandar Abbas Network
2007	Assessment of infection control in dental offices in Bandar Abbas
2007	Evaluate the microbiological quality of juice in the juice of Bandar Abbas
2007	The risk assessment of musculo-skeletal disorders instaff of Bandar Abbas health center using RULA
2006	Quanititative and qualitative analysis of the waste in health centers of Bandar Abbas
2006	the status of intestinal parasites in vegetables ready to eat sandwiches, barbecue restaurants in Bandar Abbas
2006	Environmental Assessment emissions of three major industries in Bandar Abbas
2004	evaluation the chemical quality of drinking water sources in Bandar Abbas
2003	evaluation of the drinking water quality buses en route to Bandar Abbas

H. Presentations

H.I. International Conferences

Conference	Location	Year
7th International Conference and 26th National Conference and 7th International Environmental Health Congress	Kish, Iran	2024
4th National and 1st International Congress on Tobacco and Health ; Investigating the microbial contamination of unpackaged cigarettes (bulk) in Bandar Abbas city	Bandar Abbas-Iran	2023
12 th World Congress of EWRA on Water Resources and Environment : Managing Water-Energy-Land-Food under Climatic, Environmental and Social Instability ; Wastewater recycling for industrial applications using membrane technology: Case study, Bandar Abbas wastewater treatment	Thessaloniki, Greece	2023
Water crisis management by using water obtained from condensate atmosphere humidity in home air conditioners of Bandar Abbas Iran	Kish, IRAN	2013
Infection control assessment in private dental clinics of Bandar Abbas , Iran 13th International Conference on infectious diseases-	Kuala Lumpur-Malaysia.	2008
Geosmin and methyl iso Borneol as agents of causing taste and odor in water resources, 2nd International Conference on Water and Wastewater Management in Asian countries.	Tehran, IRAN	1991

H.II. Domestic Conferences

Conference	Location	Year
5th Iranian Congress of Environmental Health Engineering	Sari, IRAN	2002
15th Iranian Congress of Environmental Health Engineering	Rasht, IRAN	2012
Assess the microbial quality of air using analysis of condensate Atmospheric, 2nd National Conference on Health, Environment and sustainable development	Bandar Abbas	2010
7th Iranian Congress of Environmental Health Engineering, (key speaker on application of dual filter media in water treatment plants And Waste Collection, transport and disposal of hospital waste in Bandar Abbas	Shahrekord IRAN	2004
16th Iranian Congress of Environmental Health Engineering,	Tabriz, IRAN	2013
14th Iranian Congress of Environmental Health Engineering , Compare the performance of electro-chemical oxidation with chemical precipitation to remove cyanide from industrial wastewater	Yazd, IRAN	2012

I. Students Supervised

Thesis Title	University	Year
Designing and producing absorbent pads made of hair, activated palm leaf and polyurethane particles and determining the performance of the absorbent in removing petroleum and oily pollutants from aqueous solutions.	Hormozgan University of medical Sciences	2023
Design and production of antifouling material for reverse osmosis water desalination devices and evaluation of its efficiency on an industrial/pilot scale; (Master of Environmental Health Engineering)	Hormozgan University of medical Sciences	2023
Evaluation and selection of the best method of providing safe water in natural disasters (floods and earthquakes) with the integration of geographic information system and multi-criteria decision-making model: a case study of Bandar Abbas city. PhD of Health in disasters, The second supervisor	Shiraz University of medical Sciences	2022
Investigating the impact of environmental health indicators of Rigan Town primary schools on the health of students with an emphasis on respiratory and skin diseases in 2020	Hormozgan University of medical Sciences	2020
Design, construction and performance evaluation of a home water Hormozgan University 2020 purifier based on ceramic filter reinforced with nanosilver of Medical Sciences compounds for use in less affected areas or crisis situations, (Master of Environmental Health Engineering)	Hormozgan University of medical Sciences	2020
Assessing the carcinogenic risk of exposure to heavy metals through drinking water consumption; Comparison of two areas with high and low risk of gastric cancer	Hormozgan University of medical Sciences	2020
Evaluation of combined flotation performance with pressurized air and coagulation developed to remove taste and odorproducing agents from aqueous solutions (Master of Environmental Health Engineering)	Hormozgan University of medical Sciences	2019
Troubleshooting and feasibility study of improving the operation and process of Bandar Abbas water treatment system (Bandar Abbas and Minab treatment plants) by providing solutions to eliminate possible defects Master of Environmental Health Engineering)	Hormozgan University of medical Sciences	2019
Zoning the pollution load resulting from the discharge of industrial wastewater to the environment of Kerman province and examining the compliance of these pollutants with the relevant standards:	Hormozgan University of medical Sciences	2018
Evaluation of the relationship between nitrate and nitrite concentrations in vegetables and vegetables consumed with the prevalence of gastric and intestinal cancers in Minab city	Hormozgan University of medical Sciences	2018

The relationship between the chemical and physical quality of the feed water and corrosion in cooling towers of Hormozgan Steel Complex using coupons, Master in Environmental Health engineering	Bandar Abbas Islamic Azad University - (BAIAU)	2016
Assessment of advanced coagulation processes and aerated dissolved air flotation (DAF) for carwash wastewater treatment, Master in Environmental Health engineering	BAIAU	2016
the performance of granular activated carbon to remove pesticides from aqueous solutions (pilot study), Master in Environmental Health engineering	HormozganUniversity of Medical Sciences (HUMS)	2015
The chemical fouling of membranes in reverse osmosis seawater desalination process in Hormozgan Steel	(BAIAU)	2014
The use of porous ceramic filter reinforced with silver nanoparticles for disinfection and iron removal from drinking water, Master in Environmental Health engineering	Hormozgan University of medical Sciences	2015
Remove bromide using Nano-photocatalysts process ZnO / UV in aqueous solutions (pilot study), Master in Environmental Health engineering	Hormozgan University of medical Sciences	2015
the concentration of heavy metals (Cd, Pb and Zn) in the skin and muscle of marine shrimp in Bandar Abbas, Master in Environmental Health engineering	Hormozgan University of medical Sciences	2015
the performance of granular activated carbon for the removal of natural organic compounds from aqueous solutions (pilot study), Master in Environmental Health engineering	HUMS	2015
the removal of natural organic matter (NOM) using clay modified with zero valent iron nanoparticles (Nzvi) from aqueous solutions: Master of Chemistry engineering,	Isfahan Payam noor University	2015
The concentration of heavy metals (lead and cadmium) in Minab dam lake sediments, Master in Environmental Engineering / Engineering water and Wastewater	Bandar Abbas Azad University	2014
Performance of zero valent iron nano-particles (nZVI) for absorption of trihalomethanes from water, Master in Environmental Engineering	Bandar Abbas Azad University	2014
hydrodynamic modeling to determine the requirements for MED desalination process wastewater island to the sea, Master in Environmental Engineering	Bandar Abbas Azad University	2015
Review and assess the optimal hydraulic pumps for irrigation projects and compliance with energy approach (pilot study): Master in Environmental Engineering	Bandar Abbas Azad University	2015
the status of the existing wastewater treatment plant in the Islamic Republic of Iran Air Force in terms of national standards and offer possible solutions required, Master in Environmental Engineering	Bandar Abbas Azad University	2015

the quality of the physical, chemical and biological of produced water by household water purification devices in Bandar Abbas, Master in Environmental Engineering	Bandar Abbas Azad University	2013
the impact of water quality and water desalination on concentration of iron in the water on the island of Kish, Master in Environmental Engineering	Bandar Abbas Azad University	2015
Determination of the microbiological quality of bottled water on the market of Bandar Abbas, Master in Environmental Engineering	Bandar Abbas Azad University	2014
A comparative study of the performance of conventional extended aeration activated sludge system with dual suspension and attached growth activated sludge (IFAS) for the treatment of sanitary wastewater of Hormozgan steel industry, Master in Environmental Engineering	Bandar Abbas Azad University	2014
the effectiveness of chitosan extracted from shrimp skin for removal of blue reactive dye from aqueous solutions, Master in Environmental Engineering	Bandar Abbas Azad University	2015
evaluate the performance of household disinfectants (lemon juice and vinegar) in the disinfection of drinking water, Master in Environmental Engineering	Bandar Abbas Azad University	2013
Removal of heavy metal cadmium from wastewater using seeds of muringa olifera tree, Master in Environmental Engineering	Bandar Abbas Azad University	2014
determine the potential risk of disinfection compounds (DPBs) in drinking water treatment process Bandar Abbas, Master in Environmental Engineering	Bandar Abbas Azad University	2013
evaluate the effect of ultrasound on improving property of suspended solids sedimentation in an synthetic wastewater, Master in Environmental Engineering	Bandar Abbas Azad University	2015
design and evaluate the performance of a water purification systems for small communities of in unusual(crisis) circumstances, Master in Environmental Engineering	Bandar Abbas Azad University	2013
Evaluate the performance of physical, chemical and microbial individual life straw	Bandar Abbas Azad University	2013
the threshold of salinity problems in the biological wastewater treatment, Master of Environmental Engineering	Bandar Abbas Azad University	2015
Technical and hydraulic analysis of wastewater collection network of Payambar Azam town of Bandar Abbas and compared with national and international standards, Master of Environmental Engineering)	Bandar Abbas Azad University	2014
Removal of arsenic from wastewater using activated red soil of Hormoz Island, Master of Environmental Engineering	Bandar Abbas Azad University	2014

improvement of the physical and chemical water quality by using the magnetic field, Master of Environmental Engineering	Bandar Abbas Azad University	2013
the performance of the natural lagoon in Bandar Abbas for the treatment of waste water and sewage, Master of Environmental Engineering	Bandar Abbas Azad University	2013
to measure the concentration of heavy metals (cadmium, nickel, lead, and zinc) and zoning in the sediments off the coast of Bandar Abbas from West to East, Master of Environmental Engineering	Bandar Abbas Azad University	2014
the feasibility of drinking water production by the reverse osmosis desalination systems in Hormozgan Steel Complex, Master of Environmental Engineering	Bandar Abbas Azad University	2015

- **Editor of Tobacco and Health Journal**
- **Scientific secretary of the 7th international conference and the 26th national conference and the 7th international environmental health congress**
- **Executive Secretary of the Fourth International Conference on Tobacco and Health**
- **Reviewing more than 300 papers in various fields of water, wastewater and air pollution for journals of ISI, scopus and scientific journals**