

Curriculum Vitae

Tahereh Jasemi Zad

Ph.D student, Department of Civil and Environmental Engineering, The University of Auckland, Auckland, New Zealand

PERSONAL DATA	
Name	Tahereh
Surname	Jasemi Zad
Date of birth	06/09/1985
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HISTORY OF UNIVERSITY EDUCATION				
Degree	University of graduation	Field of Study	Grade out of 20	Graduation Year
B.S.	Shahid Sadoughi University of Medical Sciences, Yazd, Iran	Environmental Health	18.48	2009
M.Sc.	Shahid Sadoughi University of Medical Sciences, Yazd, Iran	Environmental Health	18.79	2012

THESIS TITLE

The evaluation of efficiency of the Electron Beam Irradiation individually and in the presence of radical scavengers for removal of humic acid from aqueous solutions

PROFESSIONAL EXPERIENCE

- Experience in Environmental Health microbiology and chemistry (water and wastewater) laboratories
- Experience in Solid Waste laboratory
- Give students guidance and assistance in their projects

TEACHING EXPERIENCE

- Teaching in Environmental Health microbiology laboratory
- Teaching in Environmental Health chemistry (water and wastewater) laboratory

- Teaching in Solid Waste laboratory
- Teaching in apprenticeship unit of Environmental Health department
- Advisor of a Master Student: Reza Zare Zardeini (*Survey of Efficiency of *Salvadora persica* plant ash in the removal of Chromium from synthetic wastewater*, faculty of public health, Shahid Sadoughi University of Medical Sciences, Yazd, Iran).

PUBLISHED ARTICLES

1. **Jasemizad T**, Ghaneian M.T, Ehrampoush M.H, Rezapour I, Jebali A, Sahlabadi F. *Effects of radical scavengers on humic acid removal by electron beam Irradiation*, Desalination and Water Treatment, 2016: 1-8. DOI: 10.1080/19443994.2016.1177798.
2. Rezapour I, **Jasemizad T**, Ayatollahi M, Zamani M, Aghaei S, Jebali A. *The presentation of a new inhibitor to prevent enzymatic browning in mushroom, banana, and apple*, Int. J. Environ. Sci. Technol (Iraj Rezapour and Tahereh Jasemizad have contributed equally); 2016.
3. Jebali A, Behzadi A, Rezapour I, **Jasemizad T**, Hekmatimoghaddam S. H, Halvani Gh.H, Sedighi N. *Adsorption of humic acid by amine-modified nanocellulose: an experimental and simulation study*, Int. J. Environ. Sci. Technol, 2014; 12(1): 45-52. DOI 10.1007/s13762-014-0659-z.
4. Jebali A, Hekmatimoghaddam S.H, Behzadi A, Rezapour I, Hajimohammadi B, **Jasemizad T**, Seyed Ali Yasini, Morteza Javadzadeh, Asiye Amiri, Mansoureh Soltani, Zeynab Rezaei, Najme Sedighi, Mina Seyfi, Mohammad Rezaei, Mehran Sayadiet. *Antimicrobial activity of nanocellulose conjugated with allicin and lysozyme*, Cellulose, Springer, 2013; 20(6): 2897-2907. DOI 10.1007/s10570-013-0084-3.
5. Hashemi H, Ebrahimi A, Mokhtari M, **Jasemizad T**. *Removal of PAHs and heavy metals in composting leachate using the anaerobic migrating blanket reactor (AMBR) process*, Desalination and Water Treatment, 2016: 1-10. DOI: 10.1080/19443994.2016.1144529.
6. **Jasemizad T**, Mokhtari M, Zandi H, Shahriari T, Sahlabadi F, Montazeri A, Dehghani Tafti A, *Evaluation of Efficacy of the Current Disinfectants on Gram-Negative Bacteria Isolated from Hospital in Yazd in 2014*, Iranian Journal of Health Sciences 2016; 4(1): 45-52.
7. Salmani Nodoushan M H, Soltanian Zadeh Z, **Jasemi Zad T**, Talebi P, Kafash Panah M, Dehghani N, et al. *Biosorption Study of Ni (II) on Apple Peel Granola from Aqueous Solution*. JCHR. 2014; 3 (3):185-94.
8. Hashemi H, **Jasemizad T**, derakhshan Z, Ebrahimi A, *Determination of Sequencing Batch Reactor (SBR) Performance in Treatment of Composting Plant Leachate*, Health Scope Journal, 2017.

9. Ghaneian M T, Ehrampoush M H, **Jasemizad T***, Kheirkhah M, Amraei R, Sahlabadi F, The Effect of Nitrate as a Radical Scavenger for the Removal of Humic Acid from Aqueous Solutions by Electron Beam Irradiation, Journal of Community Health Research. 2013; 1(3):134-143.
10. Ghaneian M.T, Ehrampoush M.H, Sahlabadi F, Mootab M, Rezapour I, **Jasemizad T***, Reactive Blue 19 Dye Adsorption Behavior on Jujube Stems Powder from Syntetic Textile Wastewater: Isotherm and Kinetic Adsorption Studies, JCHR 2014, 3(1): 67-78.

ARTICLES IN PERSIAN

1. Ghaneian M.T, Ehrampoush M.H, Ghanizadeh G.h, Dehvari M, Abootorabi M, **Jasemizad T**, *Application of Solar Irradiation/ $K_2S_2O_8$ Photochemical Oxidation Process for the Removal of Reactive Blue 19 Dye from Aqueous Solutions*, Iran. J. Health & Environ., 2010; 3(2): 165-176. [In Persian]
2. Sahlabadi F, Zandi H, Mokhtari M, Jamshidi S, **Jasemizad T***, Montazeri A, Dehghani Tafti A, *The Effectiveness Evaluation of Current Disinfectants on Pathogens Isolated from Surface of Different Parts of Shahid Sadughi Accidents Burns Hospital in City of Yazd*, Journal of Environmental Health Engineering, 2016; 3(2): 93-101. [Corresponding author] [In Persian]
3. Sadani M, Moussavi S P, Ehrampoush M H, **Jasemizad T**, Rahimi S. *Application of Single-Walled Carbon Nanotubes in Reactive Red 198 dye adsorption from aqueous solutions*. J Health Syst Res 2014; 10(2): 245-257.[In Persian]
4. Salmani MH, Mokhtari M, Ehrampoush MH, Sahlabadi F, Askarshahi M, **Jasemizad T**, Talebi P, *The Evaluation of Removal Efficiency of COD due to Water Contaminated by Gasoline by Granular Active Carbon*, Journal of Toloo-e-Behdasht, 2014; 13(4):154-163.[In Persian]
5. Ghaneian MT; Mehrparvar AH; **Jasemizad T***, Mansuri F; Selsehveziri H; Zare F, *The Survey of knowledge, attitude and practice of female hairdressers in Yazd about diseases related to hairdressing profession in 2012*, Occupational Medicine, 2014; 6(2):54-64. [Corresponding author] [In Persian]
6. Ehrampoush M H, Ghaneian M T, Kheirkhah M, Amraei R, **Jasemi zad T***, Mohsen Askarshahi. Evaluation of the Efficiency of Electron Beam Irradiation for Removal of Humic Acid from Aqueous Solution. J Tolooebehdasht Sci 2017; 15(1):47-55

PRESENTATION IN CONGRESSES

1. Zandi H, Mokhtari M, Sahlabadi F, **Jasemizad T***, Montazeri A, *The Evaluation of efficacy of the typical disinfectants on Staphylococcus aureus and pseudomonas aeruginosa isolated from surface of Shahid Sadughi*

accidents burns hospital in city of Yazd, 6th Iranian congress of clinical microbiology, the first international congress of clinical microbiology, 2012. [Corresponding author]

2. **Jasemizad T**, Hashemi H, Mardan S, Moameni A, Ebrahimi A, Special microbial contamination and bioassay tests on sludge from industrial wastewater treatment plants of Isfahan province, 1st International and 19th National conference on Environmental Health and Sustainable Development (EHSDG 2016).

BOOK

- Ghaneian M T, Ehrampoush M H, **Jasemizad T**. *Dictionary of Environmental Health*, English-Persian, Fourth Edition, 2012
- Haghight G A, Gholami M, Ghaneian M T, **Jasemizad T**. *Industrial wastewater (foundations of treatment, reuse and analysis)*, 2017

RESEARCH PROJECTS

Faculty of public health, Shahid Sadoughi University of Medical Sciences, Yazd, Iran

1. *Evaluation of efficacy of the various disinfectants on pathogenic bacteria isolated from different levels of Shahid Sadoughi accidents burns hospital in city of Yazd* (Grant number: 2239)
2. *Survey of Efficiency of *Salvadora persica* plant ash in the removal of Chromium from synthetic wastewater* (Grant number: 3239)
3. *Study of humic acid adsorption by nanocellulose modified by amine groups* (Grant number: 2778)
4. *Survey of Efficiency of Barberry Stems Powder in removal of Chromium from aqueous solutions* (Grant number: 2696)
5. *Survey of efficiency of jujube stems powder for the removal of reactive blue 19 from synthetic textile wastewater* (Grant number: 2400)
6. *Survey of efficiency of barberry stem powder for the removal of reactive blue 19 from synthetic textile wastewater* (Grant number: 2371)
7. *Evaluation of efficiency of jujube powder in removal of chromium from aqueous solutions* (Grant number: 2369)
8. *The evaluation of frequency of the bacterial contamination on toys surface in kindergartens in Yazd* (Grant number: 3976)
9. *Survey of the efficiency of Ag-ZnO nanoparticle coupled solar irradiation on reactive red 198 dye removal from aqueous solutions* (Grant number: 2775)

10. *Survey of the rate and type of fungal contamination of animal feed in Yazd dairy cattle in summer 2012 (Grant number: 2393)*
11. *Survey of fungal contamination of wheat in warehouse, flour in Yazd bakeries in summer 2012 (Grant number: 2394)*

LICENSES:

1. Participated in the 6th Iranian Congress of Clinical Microbiology and the first International Congress of Clinical Microbiology, Mashhad- Iran 2-4 October, 2012.
2. Participated in the 13th national conference on environmental health, 2010, Kerman, Iran.
3. Participated in the 14th national conference on environmental health, 2011, Yazd, Iran.
4. Participated in the 15th national conference on environmental health, 2012, Gilan, Iran.