

RESUME (CV)

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OBJECTIVE

Personal Information

EXPERIENCE

- 1994–now Academic member, Environmental Health Engineering Dept, Health Faculty, Tutor, Qazvin University of Medical Sciences
- 1995-1997 Part time job in Qazvin Water and Wastewater Company, water supply network and Sewer designer, designing of the Alvand domestic wastewater collection network
- 1995-2000 Manager of Qazvin Erfan Ab Company, designing of the Water and Wastewater treatment plant, Safe drinking water supply, Air pollution, solid waste collection, disposal and treatment
- 2001-2004 Tutor in Environmental Engineering Dept ,School of Civil, Mining and Environmental Engineering, Faculty of Engineering, University of Wollongong, Australia

Supervisory of 7 undergraduate and postgraduate students' thesis including the different topics on the Environmental Engineering subject

EDUCATION

- 1984–1989 Graduated Bachelor of Environmental Health Engineering (BS), Iran University of Medical Sciences, Tehran, Iran
- 1990–1994 Graduated Master of Environmental Health

Engineering (MS), Tarbiat Moddars University, Tehran, Iran

- 2000–2005 Graduated Doctor of Philosophy (PhD) in Environmental Engineering, School of Civil, Mining and Environmental Engineering, Faculty of Engineering, University of Wollongong, Australia

PhD Thesis subject: ELECTROCOAGULATION TECHNOLOGY
AS A PROCESS FOR DEFLUORIDATION IN WATER TREATMENT

INTERESTS

Water and Wastewater Treatment, Safe drinking water supply

PUBLICATION

1. Emamjomeh, M. M., Sivakumar, M. and Schafer, A. I. (2003), "Fluoride removal by using a batch electrocoagulation reactor", 7th Annual Environmental Engineering Research Event (EERE) Conference, 1st- 4th December, Marysville, Victoria, Australia, PP. 143-152
2. Emamjomeh, M. M. and Sivakumar, M. (2004), "Effects of calcium ion on enhanced defluoridation by Electrocoagulation/flotation (ECF) process". 8th Annual Environmental Engineering Research Event (EERE) Conference, 6th – 9th December, Wollongong, New South Wales, Australia, PP. 263-274
3. Sivakumar, M., Emamjomeh, M. M. & Chen, M. (2004), "Use of electrocoagulation (EC) as an alternative method to chemical coagulation in water treatment". 8th Annual

Environmental Engineering Research Event (EERE) Conference, 6th – 9th December, Wollongong, New South Wales, Australia, PP. 320-332

4. Emamjomeh, M. M and Sivakumar, M.(2005),
"Defluoridation using a continuous electrocoagulation (EC) reactor", 47th Annual New Zealand Water and Wastewater Association (NZWWA) Conference and Expo (EnviroNZ05-Water matters), 28th -30th September, Aotea Centre, Auckland, New Zealand, Published in the Conference proceeding
5. Emamjomeh, M. M. and Sivakumar, M. (2005),
"Electrocoagulation technology for nitrate removal", 9th Annual Environmental Research Event (ERE) Conference, 29th November - 2nd December, Hobart, Tasmania, Australia, Published in the Conference proceeding
6. Sivakumar, M. and Emamjomeh, M. M (2005),
"Electrochemical method for fluoride removal: Measurement, Speciation and Mechanisms". 9th Annual Environmental Research Event (ERE) Conference, 29th November - 2nd December, Hobart, Tasmania, Australia, Published in the Conference proceeding
7. Sivakumar, M. and Emamjomeh, M. M (2006), "Speciation and Mechanisms of defluoridation by an Electrochemical method" The second International Association of Science and Technology for Development (IASTED) Conference on Advanced Technology in the Environmental Field (ATEF), February 6-8, Lanzarote, Canary Islands, Spain (Full paper accepted)

8. Emamjomeh, M. M. & Sivakumar, M. (2006), "An empirical model for defluoridation by batch monopolar electrocoagulation/flotation (ECF) process", *Journal of Hazardous Materials, B 131* (2006)-118-125.
9. Emamjomeh, M. M. and Sivakumar, M. (2009), " Review of pollutants removed by Electrocoagulation and Electrocoagulation/flotation processes", *Journal of Environmental Management* (90), 1663-1679
10. Emamjomeh, M. M. and Sivakumar, M. (2009), " Fluoride removal by a continuous flow electrocoagulation reactor", *Journal of Environmental Management* (90), 1204-1212
11. Emamjomeh, M. M. and Sivakumar, M. (2009), " Denitrification using a monopolar Electrocoagulation-Flotation (ECF) process ", *Journal of Environmental Management* (91), 516-522
12. Emamjomeh, M. M. and Sivakumar, M. (2011), " Analysis and the understanding of fluoride removal mechanisms by an Electrocoagulation/Flotation (ECF) Process ", *Journal of Desalination* (275), 102-106
13. N Keshavarz Mohammadi, F.Zaree, E de Leeuw, MM Emamjomeh. (2011), " share of nations in 37 international public Health Journals: An equity and diversity perspective towards health research capacity building : *Iranian J Public Health, Vol.40, No.4, 2011, pp.129-137*

14. Emamjomeh, M. M. (2014), " THEORETICAL CONSIDERATIONS ON ELECTROCOAGULATION-FLTATION PROCESS", Under writing

TIPS

Language: Persian, English

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