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Scientific References

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Educational Qualification

- 2007-2012 PhD, Environmental Health, **Tarbiat Modares**, Tehran, Iran
- 2004-2007 M.Sc. Environmental Health Engineering, **Tarbiat Modares**, Tehran, Iran
- 2001-2003 B.Sc. Environmental Health Engineering, **Iran University of Medical Sciences**,
Tehran, Iran
- 1999-2001 Associate Degree, Environmental Health, **Iran University of Medical Sciences**,
Tehran, Iran

Published Papers

1. Rezaee, A. Godini, H. Dehestani, S. Yazdanbakhsh, AR. Moussavi G. Kazemnejad, A. (2008). Biological denitrification by *Pseudomonas stutzeri* immobilized on microbial cellulose. World J Microbiol Biotechnol. 24: 2397-2402. IF = 1. 54.
2. Rezaee, A. Dehestani, S. Kaviani, S. (2010). Isolation and characterization of novel denitrifying bacterium with high nitrate removal: *Pseudomonas stutzeri*. Iran J Environ Health Sci Eng. 7: 313-318.
3. Rezaee, A. Godini, H. Dehestani, S. Ansari, M. Khavanin, A. (2007). Nitrate removal by FeCl₃, supported carbon active from aqueous solution. Iran J Environ Health Sci Eng. 2: 27-32.
4. Rezaee, A. Godini, H. Dehestani, S. Khavanin A. (2008). Application of impregnated almond shell activated carbon by Zn and ZnSO₄ for nitrate removal from water. Iran J Environ Health Sci Eng. 5:125-130.
5. Jafari, A. Mirhossani, H. Kamareii, B. Dehestani, S. (2008). Physico chemical analysis of drinking water in Kohdasht. Assian journal of Applied Science. 1:87-92.
6. Mirhossaini, H. Pourzamani, HR. Jafari, A. Dehestani S. (2008). Effect of influent COD on biological ammonia removal efficiency. Environ Sci. 3: 251-254.
7. Mirhossaini, H. Shams, G. Jafari, A. Dehestani, S. (2008). Environmental noise pollution of Khoramabad. Environ Sci Technol. 4: 164-168.
8. Dehestani, S. Asilian, H. (2012). Catalytic Oxidatio of carbon Monoxide Over Low Cost Diatomite-Supported Copper Oxide Nanoparticles. Environ Eng Manage J. 58: 754-763.
9. Ijadpanah-Saravi, H. Dehestaniathar, S. Khodadadi, A. Safari, M. (2016). Optimization of photocatalytic degradation of beta-naphthol using nan0 TiO₂-activated carbon composite. Desalination and water treatment. 57: 4708-4719.
10. Dehestaniathar, S. Rezaee A. (2014). Adsorption of nitrate from aqueous solution using activated carbon-supported Fe, Fe₂(SO₄)₃, and FeSO₄. J. Adv. Environ. Health. Res. 7:181-188.

11. Shved, O. Dehestaniathar, S. Novikov, V. (2014). Anammox enrichment and constructed wetland inoculation for improvement of wastewater treatment performance. *J. Adv. Environ. Health. Res.* 2: 189-195.
12. Dehestani, S. Asilian, H. (2012). Catalytic oxidation of Carbon Monoxide using Copper-Zinc Mixed Oxide Nanoparticle Supported on Diatomite. *Journal of Health Scope.* 2: 52-56.
13. Asilain, H. Khavanin, A. Afzali, M. Dehestani, S. Soleimani, A. (2012) Removal of Styrene from air by natural and modified zeolite. *Journal of Health Scope.* 1: 7-11.
14. Nouri, A. Shahmoradi, B., Dehestaniathar, S. & Maleki, A. (2015). Effect of temperature on pH, turbidity, and residual free chlorine in Sanandaj Water Distribution Network, Iran. *J. Adv. Environ. Health. Res.*, 3(3): 188-195.
15. Darvishi, E. Maleki, A. Dehestaniathar, S. Ebrahimzadeh, M. (2015). Effect of STOP technique on safety climate construction company. *Journal of research in health sciences.* 15: 109-112.
16. Ijadpanah-Saravi, H. Dehestaniathar, S. Khodadadi-Darban, A. Zolfaghari, M. Saeedzadeh, S. (2016). Photocatalytic decomposition of cyanide in pure water by biphasic titanium dioxide nanoparticles. *Desalination and water treatment.* 57: 20503-20510.
17. Dehestaniathar, S. Khajelakzay, M. Ramezani-Farani, M. (2016). Modified diatomite-supported CuO-TiO₂ composite: Preparation, characterization and catalytic CO oxidation. *Journal of the Taiwan Institute of Chemical Engineers.* 58: 252-258.
18. Zandsalimi, Y. Shahmoradi, B. Dehestani Athar, S. Maleki, A. (2018). Hydrothermal synthesis and characterization of Tungsten-doped ZnO nanoparticles as an environmental friendly substance. *J. Adv. Environ Health Res.* 6: 173-178.
19. Mohammadi, E. Daraei, H. Ghanbari, R. Dehestaniathar, S. Zandsalimi, Y. Ziaee, Y. Maleki, A. Yetilmezsoy, K. (2018). Synthesis of carboxylated chitosan modified with ferromagnetic nanoparticles for adsorptive removal of fluoride, nitrate, and phosphate from aqueous solutions. *Journal of Molecular Liquids.* 273: 116-124.

20. Bahmani, P. Maleki, A. Daraei, H. Khamforoush, M. Dehestani Athar, S. Gharibi, F. (2018). Fabrication and characterization of novel polyacrylonitrile/ α Fe₂O₃ ultrafiltration mixed-matrix membranes for nitrate removal from aqueous solution. *Journal of Molecular Liquids*. 271: 557-570.
21. Rezaee, R. Mohammadi, Sh, Dehestaniathar, S. Feyzi, Sh. (2018). A study of Salmonella Spp. Contamination of eggs in Sanandaj in 2017. *Zanko*. 1397: 43-49.
22. Medi, B. Bahramian, A. Dehestaniathar, S. (2017). Investigation of ozonation effects in reduce of water organic compounds: case study in water treatment plant. *Iranian Chemical Engineering Journal*. 16(91): 16-26.
23. Pordel, MA. Maleki, A. Khamforoush M. Daraei, H. Rezaee, R. Dehestani S. (2017). Fabrication, characterization, and microscopic imaging of Fe₂O₃ modified electrospun nanofibers. *J Adv. Environ Health Res*. 5: 147-154.
24. Eskandary, M. Dehestani, S. Abdollahi Najand, B. Khayat-Rostami, B. (2016). Investigation and control of algal growth in water resources using ZnO nanoparticles.
25. Aliakbarlu, J. Mohammadi, Sh. Dehestaniathar, S. Khalili Sadaghiani, S. (2018). Effects of dried rose petals (*Rosa damascene*) on the antioxidant capacity of green and black tee. (in press).

Published (translated from English to Persian) Books

1. Municipal Wastewater Management, Andishehrafti Publications, Tehran, Iran, 2011.
2. Vertical Constructed Wetlands, Kahniran Publications, Tehran, Iran, 2016.
3. ENVIRONMENTAL MICROBIOLOGY, Kahniran Publications, Tehran, Iran, 2015.

Editorial Team

Journal of Advances in Environmental Health Research

Master Dissertation/Ph.D. Thesis Supervisor/Advisor: 14

Teaching experience

Modern methods of wastewater treatment (Ph.D. in Environmental Health)

Genetic and Biotechnology in Environmental Health (Ph.D. in Environmental Health)

Environmental Microbiology (B.E. in Environmental Health Engineering)

Environmental Biotechnology (B.E. in Environmental Health Engineering)

Wastewater Treatment (B.E. in Environmental Health Engineering)

Fluid Mechanics (B.E. in Environmental Health Engineering)

Hydraulic (B.E. in Environmental Health Engineering)

Industrial wastewater treatment (B.E. in Environmental Health Engineering)

Industrial wastewater management (M.Sc. in Environmental Health Engineering)

Management and development of water resources

Environmental modelling (B.E. in Environmental Health Engineering)

Pump and pumping (B.E. in Environmental Health Engineering)

Unit Operations and Processes in Environmental Engineering (B.E. in Environmental Health Engineering)

Solid waste management (B.E. in Environmental Health Engineering)

Disinfection and disinfectants (B.E. in Environmental Health Engineering)