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Scientific References

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Educational Qualification

2010-2014 PhD, Environmental Health, Tarbiat Modares University, Tehran, Iran

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2002-2004 B.E. Environmental Health Engineering, <u>Tehran University of Medical</u>, <u>Sciences</u>, Tehran, Iran

Published Papers

- 1. Photocatalytic Degradation of 2,4-Dichlorophenoxyacetic Acid in Aqueous Solution Using Mn-doped ZnO/Graphene Nanocomposite Under LED Radiation, Roya Ebrahimi, Mahnaz Mohammadi, Afshin Maleki, Ali Jafari, Behzad Shahmoradi, Reza Rezaee, Mahdi Safari, Hiua Daraei, Omid Giahi, Kaan Yetilmezsoy, Shivaraju Harikaranahalli Puttaiah, Journal of Inorganic and Organometallic Polymers and Materials(2019) Article in press
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- 3. <u>Sonocatalytic and photocatalytic efficiency of transition metal-doped ZnO</u> nanoparticles in the removal of organic dyes from aquatic environments. Hossienzadeh

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- 4. <u>Mechanistic investigation of ciprofloxacin recovery by magnetite-imprinted chitosan</u> <u>nanocomposite: Isotherm, kinetic, thermodynamic and reusability studies,</u> Hassan Rasoulzadeh, Anoushiravan Mohseni-Bandpei, Mehdi Hosseini, **Mahdi Safari**, International Journal of Biological MacromoleculesVolume 133, 712-721(**2019**)
- 5. <u>Sonocatalytic degradation of tetracycline antibiotic using zinc oxide nanostructures</u> <u>loaded on nano-cellulose from waste straw as nanosonocatalyst</u>, Reza Darvishi Cheshmeh Soltani, Masumeh Mashayekhi, Masumeh Naderi, Grzegorz Boczkaj, Sahand Jorfi, **Mahdi Safari**, Ultrasonics Sonochemistry, Volume 55, 117-124(**2019**)
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- 35. <u>Feasibility of large amounts biogas production from garbage bioliquid</u>; H Hashemi, M Safari, A Ebrahimi, MR Samaei, A Khodabakhshi; International Journal of Health System and Disaster Management 3 (3), 147; (2015)
- 36. <u>Inactivation of Pseudomonas aeruginosa by zinc oxide nanoparticles in aqueous</u> <u>solution;</u> A Maleki, MA Jebeli, E Kalantar, H Daraei, B Davari, M Safari; Antimicrobial Resistance and Infection Control 4 (1), I6; (2015)
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- 38. <u>Application of Immobilized Silica Nanopowder within Alginate for Cadmium Adsorption from Aqueous Solutions</u>; RDC Soltani, H Goodini, M Ghannadzadeh, M Rajaie, M Safari; journal of Water Wastewater 26 (3), 2-10; (2015)
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- 52. Determination of fluoride in sanandaj drinking water resources; A Maleki, SNAA Bakhtiarvand, M Safari, R Rezaee; Jundishapur Journal of Health Sciences 3 (1), 19-27; (2011)
- 53. <u>Reduction of humic substances in water by application of ultrasound waves and ultraviolet irradiation</u>; AH Mahvi, A Maleki, R Rezaee, M Safari; Iranian Association of Environmental Health (IAEH); (2010)
- 54. <u>Assessment of chemical pollution of groundwater resources in downstream regions of</u> <u>Sanandaj landfill.</u>; R Rezaee, A Maleki, M Safari, A Ghavami; Scientific Journal of Kurdistan University of Medical Sciences 15 (3); (2010)

Editorial Team

Editorial Team, Journal of Advances in Environmental Health Research

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Editorial Team, Journal of Health and Environment [In Persian]

Teaching experience

Water quality management, (B.E. in Environmental Health Engineering)

Designing Water Distribution Systems (B.E. in Environmental Health)

Hydrology (B.E. in Environmental Health)

Air pollution (B.E. in Environmental Health)

Instrumental analysis (M. in Environmental Health)

Material Recycling and Energy Production (M. in Environmental Health)

Reporting and Documentation (Ph.D. in Environmental Health)