Zahra Jamshidzadeh

Assistant Professor

College: Faculty of Engineering

Department: Civil Engineering

Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
(not set)	(not set)	Tenure Track	Full Time	10

Papers in Conferences

1. Jamshidzadeh Z.،Bench-Scale Evaluation of Treated Wastewater Using Recirculating Sand Filter for Irrigation and Agriculture Usages Based on Quality Standards،۴th international conference of environmental planning and management, University of Tehran،۲۰۱۷.
2. Jamshidzadeh Z., Tavangari Barzi M.،The effect of pumping on groundwater flow and salt spread in nonhomogeneous coastal aquifers based on density driven flow،۴th international conference of environmental planning and management, University of Tehran،۲۰۱۷.
3. Jamshidzadeh Z., Tavangari Barzi M.،Technical and Constructional Considerations of Water Transmission Systems in Kashan Area،۱۶th Iran Hydraulic Conference. Ardabil،۲۰۱۷.
4. Jamshidzadeh Z., Ghafoori M.A.،Treated wastewater reuse for non-potable water usage: challenges and environmental risks for irrigations،the ۲nd Iranian national congress of irrigation and drainage, Isfahan University of Technology،۲۰۱۶.
5. Jamshidzadeh Z.،The effect of fault on salt water intrusion and groundwater quality around a hypothetical salt dome،the first national conference of drinking water demand and supply: challenges and solutions, Isfahan University of Technology،۲۰۱۶.
6. Jamshidzadeh Z., Arbab A.،The use of recirculating bio-filters for gray water treatment،the first national conference of drinking water demand and supply: challenges and solutions, Isfahan University of Technology،۲۰۱۶.
7. Jamshidzadeh Z., Tabesh M.،Evaluation of leak phenomenon in water systems based on frequency response method،the ۴th National Congress on Civil Engineering , University of Tehran،۲۰۰۸.
8. Jamshidzadeh Z., Tabesh M.،The assessment of orifice formula for leak detection in water systems based assuming transient flow،the ۲nd Conference and Exhibition of Environmental Engineering, University of Tehran،۲۰۰۸.
9. Jamshidzadeh Z., Alavi Moghaddam M.،Evaluation of surface water quality index WQI (case study: Karaj River)،the first Conference and Exhibition of Environmental Engineering, University of Tehran،۲۰۰۷.
10. Jamshidzadeh z. ,Bench-Scale Experiment of Sawdust and Steel Furnace Slag in a Dual Media Recirculating Bio-Filter for Restaurant Grey-Water Treatment ,1st international conference on modern

technologies in sciences, Amol University of Special Modern Technologies ,2017.
11. Issa R.A., Jamshidzadeh z., Al ,& Asadi A.K. ,Response of Silica Fume Based Low Strength Concrete to Acid Attack ,1st international conference on modern technologies in sciences, Amol University of Special Modern Technologies ,2017.
12. Jamshidzadeh Z., Tsai F.T.C., Mirbagheri S.A., Ghasemzadeh H., ,Density-Driven Thermohaline Groundwater Flow and Brine Transport Near Salt Domes | 3-7 December 2012. „ AGU Fall Meeting ,San Francisco, CA, USA ,2012.

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1. Z. Jamshidzadeh, M. Tavangari Barzi,Substrate removal kinetics and performance assessment of recirculation sand filters for treating restaurant greywater,Journal of Applied Research in Water and Wastewater,Vol. 11,pp. 56-61,2019.
2. زهرا جمشیدزاده،بررسی کیفیت آبخوان دشت کاشان با استفاده از تحلیلهای هیدروژئوشیمی،هیدروژئولوژی،مجلد ۳۳،۱۳۹۹/۰۶/۳۱،شماره صفحات ۵،ISC.
3. زهرا جمشیدزاده,Mohammad Ehteram,Ali Najah Ahmed,Sarmad Dashti Latif,Zohreh Sheikh Khozani,An advanced hybrid deep learning model for predicting total dissolved solids and electrical conductivity (EC) in coastal aquifers,Environmental Sciences Europe,Vol. 36,pp. 1,2024 01 30,SCOPUS ,JCR.
4. زهرا جمشیدزاده,محمد احترام,هانیه شبانیان,Bidirectional Long Short-Term Memory (BILSTM) - Support Vector Machine: A new machine learning model for predicting water quality parameters,Ain Shams Engineering Journal,Vol. 15,pp. 1,2023 10 11,SCOPUS ,ISI-Listed.
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6. زهرا جمشیدزاده,An Integrated Approach of Hydrogeochemistry, Statistical Analysis, and Drinking Water Quality Index for Groundwater Assessment,Environmental Processes,Vol. 7,pp. 1,2020 07 25,SCOPUS ,ISI-Listed.
7. ریاض البطاط,زهرا جمشیدزاده,علی الاسدی,Assessment of Compressive Strength and Durability of Silica Fume-base Concrete in Acidic Environment,Assessment of Compressive Strength and Durability of Silica Fume-base Concrete in Acidic Environment,Vol. 5,pp. 1,2020 01 30,SCOPUS ,ISI-Listed.
8. Z. Jamshidzadeh, M. Tavangari Barzi,Wastewater quality index (WWQI) as an assessment tool of treated wastewater quality for agriculture: a case of North Wastewater Treatment Plant effluent of Isfahan,Environmental Science and Pollution Research,2019.
9. Jamshidzadeh Z., Tsai F.T. C., Ghasemzadeh H., Mirbagheri S.A., Tavangari Barzi M., Hanor J.S.،Dispersive thermohaline convection near salt domes: a case at Napoleonville Dome, southeast Louisiana, USA،Hydrogeology Journal،۲۰۱۵.
10. Jamshidzadeh Z., Tabesh M.،The assessment of orifice formula for leak detection in water systems including unsteady friction term،Journal of civil and surveying engineering،۲۰۱۱.
11. Zahra Jamshidzadeh, Zahra Khanjani,Impacts of air-entrained agents and curing time on mechanical and durability characteristics of structural lightweight concrete,Innovative Infrastructure Solutions,2022.
12. Jamshidzadeh Z., Tavangari Barzi M.,Groundwater Quality Assessment Using the Potability Water Quality Index (PWQI): A Case in the Kashan Plain, Central Iran,Environmental Earth Sciences,2018.
13. Jamshidzadeh Z., Ghasemzadeh H.,The effects of cut-off wall on repulsing salt water based on modeling of density driven groundwater flow and salt transport,Journal of Numerical Methods in Civil Engineering,2017.
14. Jamshidzadeh Z., Tsai F.T.C., Mirbagheri S.A., Ghasemzadeh H.,Fluid dispersion effects on density-driven thermohaline flow and transport in porous media,Advances in Water Resources,2013.
15. Jamshidzadeh Z., Mirbagheri S. A,Evaluation of Groundwater Quantity and Quality in the Kashan Basin, Central Iran,Desalination,Vol. 270,pp. 23–30,2011.