**CURRICULUM VITAE (CV)**

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|  | |  | | --- | | **Name:** Neamatollah Jaafarzadeh Haghighi Fard |  |  | | --- | | **D.O.B.:** 30/04/56  **P.O.B.:** Shiraz, Iran |  |  |  |  | | --- | --- | --- | | |  | | --- | | **Address (Work):** Ahvaz Jundishapur University of Medical Sciences, Golestan blv., **PO.BOX:** 61355-179, Ahvaz, Iran |  |  | | --- | | **Position:** Scientific Member of Environmental Health Dept. | | |
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| **Position Title** | Academic member (Professor) |
| **Scopus** | https://www.scopus.com/authid/detail.uri?authorId=35085100700 |
| **ORCID** | 0000-0003-2516-2340 |
| **Research Gate** | https://www.researchgate.net/profile/Neematollah\_Jaafarzadeh |
| **Google Scholar** | https://scholar.google.com/citations?user=ExUk9WcAAAAJ |
| **Publons** | https://publons.com/researcher/1322364/neemat-jafarzadeh/ |

**Education:**

* Ph.D. in Environmental Health Engineering, 1994 - 1999, Tehran university of medical sciences, Tehran-Iran
* MSc. in Environmental Health Engineering, 1989 - 1991, Tehran university of medical sciences, Tehran-Iran,
* B.Sc. in Chemistry, 1973 - 1979, Shaheed Beheshti University (Melli University), Tehran-Iran.

**Job history:**

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| --- | --- | --- | --- |
| **Period** | **organization** | **Country/ city** | **Summary of activities** |
| 1991- Present | Ahvaz Jundishapur university of medical sciences | Iran- Ahvaz | Scientific member of Ahvaz Jundishapur university of medical sciences |
| 2002-2017-Present | NSIOC research committee of HSE | Scientific member |
| 1992-2004 | Environmental protection departments | Iran | Scientific advisor and consultant |
| 1982 –1988 | Fars department of environmental protection | Iran- Shiraz | Official expert& research coordinator |
| 1981-1982 | Ministry of health and medical education | Iran - Iranshahr | Official expert of Iranshahr health center |
| 1980-1981 | Ministry of industry | Iran- Sari | Official expert of chemical industries |

##### Field of Activities:

##### 1- Air and Waste Pollution

##### 2-Identification, Control and Management

##### 3- Environmental and Health Risk Assessment and Management

##### 4- Environmental Quality and Pollution Management & Evaluation

##### 5- Environmental and Health Impact Assessment of Developing Projects

##### 6- Climate Change and Health Impacts

##### 7- Applied Environmental nanotechnology

##### 8- Applied Environmental biotechnology

##### Experiences and projects:

##### 1- Developing master plan for urban air pollution control and management- 6 megacities in Iran

##### 2- Developing master plan for municipal solid waste management - 4 provinces and more than 30 cities in Iran

##### 3- Developing a country synthesis report of Iranian municipal and rural solid waste management.

##### 4- Integrated industrial environmental management (Air, Waste and waste waters) – 20 mega industries (petroleum, petrochemical, pulp and paper, iron and steel, ….)

##### 5- Environmental Impact Assessment of developing projects – more than 100 different projects

##### 6- Health Impact Assessment of developing projects – more than 15 different projects

##### 7- Environmental monitoring and assessment (Air ,water and soil)- 150 different studies

##### 8- Environmental pollutants tracing and risk assessment 70 different studies (PAHs, TPHs, Microplastic, metal(loid)s).

##### Professional Memberships:

##### 1) Member of Board Directors, Iranian Association of Environmental Health (IAEH), 2006-2018

##### 2) Scientific member of Iranian environmental health researches network , 2014 -continued

##### 3) Member of Board Directors, Iranian Association of Safety Sciences, 2012-2015

##### 4) Member of Board Directors, Iranian Association of Solid Waste, 2013-2015

##### 5) Member of Iranian Association of Chemistry, 1984- continued

##### 6) Member of Environmental Technologies Research Center, Ahvaz Jundishapur University of Medical Sciences, 2009 - continued

##### 7) Member of Toxicology Research Center, Ahvaz Jundishapur University of Medical Sciences, 2021- continued

##### 8) Member of Nanotechnology Research Center, Ahvaz Jundishapur University of Medical Sciences, 2013- 2015

##### 9) Member of Research Council, Institute for Environmental Research, Tehran University of Medical Sciences, 2008- 2016

##### 10) Member of Research Council, Center of Water Quality Research, Institute for Environmental Research, Tehran University of Medical Sciences, 2010- 2016

##### 11) Member of Research Council, Center of Air Pollution Research, Institute for Environmental Research, Tehran University of Medical Sciences, 2010-2016

##### 12) Member of Decision Making Council in environmental health, Ministry of Health, 2010-2013

##### 13) Member of air pollution and respiratory disease Research Center of Ahvaz Jundishapur University of Medical Sciences, 2021- continued

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##### 14) Section Editor and Editorial board of Journal of Environmental Health Science and Engineering, 2008- continued

##### 15) Editorial board of Iranian Wetland Journal, 2012- continued

##### 16) Editorial board of Jentashapir journal of health research (JJHR), 2014- 2016

##### 17) Scientific adviser of Editorial Board of Iranian journal of Health and Environment, 2010 - continued

##### 18) Editor in chief of jundisapur journal of Health sciences, 2019- continued

##### 20) Editorial board of Iranian Journal of sciences and Engineering, 2016- continued

##### 21) Editorial board and Co-Editor of Environmental Health Engineering and Management Journal, 2017- continued

##### Publications (Books):

##### Surface water drainage for low-income communities [translated], Iran, Ahvaz Jundishapur University of Medical Sciences Publications (1999).

##### Wastewater engineering, treatment and reuse- 6 Volumes [translated], Tehran,Iran, Kaniran Publisher, 2009

##### Integrated Solid Waste Management – 2 Volumes [translated], Khaniran publishers (2010).

##### Drinking Water Treatment [translated], Shiraz Water & Wastewater Engendering Company (2010).

##### Viral pollution of the Environment [translated], Ahvaz, Iran, Ahvaz Jundishapur University Medical Science publications - 2021

##### Industrial wastewater treatment [translated], water and wastewater company publications, 2021

##### Principles of HSE (in press) [translated], Tehran, Iran, Payamnour Univercity publication, 2021

##### Determination Tools for Social Responsibility in Context of Health, Tehran, Iran, Ministry of health, 2018

##### UASB for wastewater treatment, Ahvaz, Iran. Dez Ab consultant company- 2002

##### Marine pollution (Translated), Tehran, Iran. Khaniran publication, 2006 and 2019

##### Wastewater engineering book of solving problems (Translated), Tehran, Iran. Khaniran publication - 2007

##### Chemistry for environmental engineers (Translated), Tehran, Iran. Andishe rafi, publication - 2007

##### Hand book of Environmental engineering calculation, 2vols (Translated), Tehran, Iran. Water and wastewater company & AJUMS publications - 2007

##### English on Environmental Sciences, Ahvaz, Iran. Ahvaz Jundishapur University of Medical Sciences – 2007

##### Wastewater sludge processing (Translated), Tehran, Iran. Water and waste water company & AJUMS publications - 2011

##### 16) Quantification of environmental impact assessment with fuzzy logic (translated), Ahvaz, Iran, Khozestan department of Environment - 2018

##### 17) Sustainable development, health and the environment (translated), Ahvaz, Iran, Khozestan department of Environment - 2016

##### 18) Guide to sampling, preparation and testing of municipal solid waste, Shiraz, Iran, Shiraz municipal solid waste organization - 2019

##### 19) Manual prevention of COVID-19: 101 scientific thing that can save your life (translated), Ahvaz, Iran, Jundishpur University of Medical Sciences Publications - 2020

##### 20) Systematic Review of National Radon Survay, Tehran, Iran, institute for environmental researches – 2015

##### 21) Protecting wastewater professionals form Covid-19 and other biological hazards Tehran, Iran, institute for environmental researches – 2020

##### 22) Severe Acute Respiratory Infections Treatment Center (SARI), Ahvaz, Iran, Ahvaz Jundishapur University of Medical Sciences -2020

# **Publications (International Journal Papers):**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **journal** | **Title** | **NO** |
| Afkhami.M , Shariat.M,  Jaafarzadeh.N | Water and environ journal ,No.3 , Vol.21,2007 | Regional water quality management for the karun ….. | 1 |
| Najafi.Z ,  Jaafarzadeh.N | Biocycle international Vol.48, NO.2 , 2007 | Biogas production from animal manure and vegetable wastes | 2 |
| Takdastan.A , Movahedian.H , Jaafarzadeh.N | Iranian journal environ health science 2005 & engine Vol1.2,NO.2 | The efficiency of anaerobic digesters on microbial quality | 3 |
| Rafiei.M , Gadjil A.S , Gole V.S, Gore S.D, Jaafarzadeh.N | International journal of environ research Vol.1, NO.3, 2007 | Assessment of indoor air borne pollutants of beam rolling … | 4 |
| Afkhami.M , Shariat.M,  Jaafarzadeh.N | Iranian journal environ health science and engine Vol.4, NO.2,2007 | Developing a water quality management model for karun ... | 5 |
| Farzadkia.M , Jaafarzadeh.N, Loveimi asl .L | Iranian journal of environmental health …Vol.6, No.1, 2009 | Optimazation of bacteriological quality of biosolids by lime …. | 6 |
| Masjedi.A , Jaafarzadeh.N , …. | Journal of American science , 6(9), 2010 | Experimental study on reuse of wastewater effluent for … | 7 |
| Madaeni S.S , Afshar.M , Jaafarzadeh.N , …. | Chemical engineering research and design ,Vol.89, No.1, 2011 | Reatrangement of membrane elements in the pressure … | 8 |
| Babaei A.A,  Mahvi A.H, Mesdaghinia A.R, Nabizadeh.R ,Jaafarzadeh.N | Asian journal of chemistry , Vol.22, No.9, 2010 | Photocatalytic decomposition of nanylphenol in aqueous … | 9 |
| Jassbi.J , Nouri.J , Abbaspour.M ,Varshosaz.K , Jaafarzadeh.N | Journal of food agriculture and environ Vol.7,No.3&4, 2009 | Environmental impact assessment modeling in urban … | 10 |
| Jassbi.J , Nouri.J , Abbaspour.M ,Varshosaz.K , Jaafarzadeh.N | Journal of food agriculture and environ Vol.7,No.3&4, 2009 | Environmental impact assessment modeling in urban … | 11 |
| Roshanfekr.A, Kashefipour.S.M, Jaafarzadeh.N | Journal of applied sciences 8(12), 2008 | Anew approach for modeling dissolved lead … | 12 |
| Roshanfekr.A, Kashefipour.S.M, Jaafarzadeh.N | Journal of hydroin formatics 10(3), 2008 | Numerical modeling of heavy metals for riverrine …. | 13 |
| Jaafarzadeh.N , ….., Jorfi.S , …. | Waste management and research ,… , 2009 | Evaluation of biological landfill leachate treatment …. | 14 |
| Pazoki.M, Takdastan.A, Jaafarzadeh.N | Asian journal of chemistry , Vol.22,No.3 , 2010 | Investigation of minimization of excess sludge production …. | 15 |
| Karaouz.M, Zahraie.B, Kerachian.R, Jaafarzadeh.N | Waste management , 27, 2007 | Developing amaster plan for solid waste …. | 16 |
| Alavi.N , |Mesdaghinia.A.R, Naddafi.K, Jaafarzadeh.N, ... | World applied sciences journal 3(3), 2008 | Bioreme diation of oil based drilling cuttings in a slurry … | 17 |
| Nouri.J, Jassbi.J, Jaafarzadeh.N , … | African journal of biotechnology 8(14), 2009 | Comparative study of environmental impact … | 18 |
| Rafiei.M , Gadgil.A.S, Ghole.V.S, Jaafarzadeh.N, …. | Indian journal of occupational and environmental medician ,Vol.12, 2008 | Investigation of respirable particulate matter pollutants … | 19 |
| Nouri.J, Mirbagheri.S.A, Farrokhian.F, Jaafarzadeh.N, …. | Environmental earth scie- 59 , 2010 | Water quality variabilits and eutrophic state in …. | 20 |
| Takdastan.A, Azimi.A.A, Jaafarzadeh.N | Asian journal of chemistry, 22(3),2010 | Bidagical excess sludge reduction in municipal …. | 21 |
| Karimi.B, Golabi.M, Jaafarzadeh.N | Journal of applied sciences 9(21), 2009 | Optimization the relationship between water quality … | 22 |
| Amiri.H, Jaafarzadeh.N, Ahmadi.M ,…. | Desalination , 2011 | Application of leca modified with fenton …. | 23 |
| Jaafarzadeh.N, Amiri.H, Ahmadi.M | Environmental journal , 2011 | Factorial experimental design application ….. | 24 |
| Malakootian.M , Jaafarzadeh.N, Hassani.H | Desalination and water treatment ,26 , 2011 | Efficiency of perlite as alow cost adsorbent …. | 25 |
| Babaei.A.A, Mesdaghinia.A.R, Jaafarzadeh.N , …. | Journal of hazardous material , 185, 2011 | Modeling of nonylphenol degradation by photo …. | 26 |
| Rouyanian.F , Takdastan.A, Jaafarzadeh.N , … | Asian journal research chem. ,4(4), 2011 | Feasibility of land treatment that removal of nitrogen …. | 27 |
| Farasati.M , Boroomand nasab.S, Moazed.H, Jaafarzadeh.N, … | Nature and science , 9(7), 2011 | Application of sugarcane straw anion exchange … | 28 |
| Jaafarzadeh.N, Khoshnood.R , … | Iranian journal of fisheries sciences ,10(3), 2011 | Cadmium determination in two that fishes from …. | 29 |
| Farasati.M , Moazed.H, Boroomand nasab.S, Jaafarzadeh.N, … | World applied sciences journal 13(6), 2011 | A kinetic study of nitrate adsorpation on to modified…. | 30 |
| Ranjbar .M,  Jaafarzadeh.N, … | Iranian journal of fisheries sciences ,10(3), 2011 | Survey of methyl tertiary butyl ether(MTBE) using …. | 32 |
| Alavi.N , Azadi.R, Jaafarzadeh.N, …. | Asian journal of chemistry , 23(12) , 2011 | Kinetics of nitrogen removal in an anammox up-flow … | 33 |
| Shahsavani.A, Naddafi.K, Jaafarzadeh.N , …. | Journal of aird environments , 2011 | The evalution of PM10 , PM2 and PM1 concentrations …. | 34 |
| Jaafarzadeh.N ,  Amiri.H , … | Environmental technology , 2011 | Factorial experimental design application in …. | 35 |
| Shahsavani.A, Naddafi.K, Jaafarzadeh.N , …. | Environmental monit assessment , 2011 | Characterizaton of ionic composition of …. | 36 |
| Jaafarzadeh.N, Amiri.H and Ahmadi.M | Environmental technology , 2012 | Factorial experimental design application in modification …. | 37 |
| Ghasemian.M , Amin.M.M, Jaafarzadeh.N , …. | Environmental technology , 2012 | Anaerobic biodegradation of methyl tert-butyl ether and …. | 38 |
| Zadeh shooshtari.A.A , Amin.M.M, Jaafarzadeh.N | International journal of environmental health ,2012 | Treating municipal solid waste leachte in a pilot scale up-flow anaerobic …. | 39 |
| Zadeh shooshtari.A.A , ……, …. Jaafarzadeh.N , | International journal of (E.H.E),Vol.1 , Issue.2, 2012 | Treating municipal solid waste leachte in a pilot …. | 40 |
| Estebar.M, …. , ….. , …. , Jaafarzadeh.N , …. | “ | Biodegradation of benzene toluene xylene in petrochemical …. | 41 |
| Chorom.M, Parnian.A, Jaafarzadeh.N | Int. J.Env.Sci and Dev, Vol3,No4, Augzolz, PP372-375 | Nickel removal by the aquatic plant | 42 |
| Jaafarzadeh.N, Ahmadi.M, Amiri.H, … | J.T.I.Chem.Eng, 43,2012, 813-18  2012 | Predicting Fenton modification of solid waste … | 43 |
| Basim.Y , Farzadkia.M, Jaafarzadeh.N, Hendrick.T | Iranian J.Env.Health sciences and E.g.Vol9, No4, 201  2013 | Study reduction by innbriculus varicgatus | 44 |
| Hormozi.M, Takdastan.A, Jaafarzadeh.N, … | Asian journal of chemistry ,vol 25. No5  2013 | Removal of the orthophosphate from municipal wastewater … | 45 |
| Malakootian.M, Ghiassedin.M, Akbari.H, Jaafarzadeh.N | J.Health scope , Vol, Vo4 , 195-201, 2013 | Urban dust fall concentration and its properties… | 46 |
| Pari teymouri, Mehdi ahmadi,…., nemat jaafarzadeh | Chem. Eng. Comm., 200:1394-1413, 2013 | biosorption studies on NaCl – Modified Ceratophyllum demersum: Removal of Toxic Chromium from Aquas Solution | 47 |
| A.Saadat, B.Roozbehani,N.JaafarzadehHghighi Fard,S.Jorfi.. | journal of Environmentally Friendly processes- vol 1-2013 | production of Biosurfactants from oil sludge… | 48 |
| B.Roozbehani,A.Saadat,N.JaafarzadehHghighi Fard,S.Jorfi | American journal of oil and chemical technologies – vol 1: 2013 | Optimization of Biosoufactant for Extraction from Oil Sludge | 49 |
| Mehdi ahmadi, nadali alavi nematollah jaafarzadeh , Mehdi barfar, zeinab ghaedramat, faezeh hashemi | Iranian journal of health sciences –vol 1 :2013 | performance evaluation of moving bio reactore in salin wastewater treatment | 50 |
| Abtahi.M, Naddafi.k, ….,Jaafarzadeh.N,….. | Toxicological & Environmental chemistry, 2013 | Dichloromethane emission from automotive…… | 51 |
| Abtahi.M , Naddafi.K , …., Jaafarzadeh.N , Rastkari.N ,….. | Environmental Health Science & Engineering,12 :22  2014 | Removal of dichloromethane from waste gas streams using a hybrid… | 52 |
| Jaafarzadeh.N , Hashempour.Y , Ahmadi Angali.K | Biological methods of water trearment, 35 : 6  2013 | Acute Toxicity test using cyanide on Daphnia magna by flow- through system | 53 |
| Amadi.M , Teymouri.P , Dinarvanad.F , …., Jaafarzadeh. N | Iraninan journal of health sciences , 2:2  2014 | Municipal solid waste landfill site selection using analytical hierarchy… | 54 |
| Teymouri.P , Ahmadi.M , Babaei.A , Ahmadi.K , Jaafarzadeh.N | Chemical Engineering Communications  2013 | Biosorption studies on NaCl-Modified Ceratophyllum demersum : removal of…. | 55 |
| Behnood.R , Anvaripouri.B , Jaafarzadeh.N , Farasati.M | International Journal of Emerging Science & Engineering , 1:6  2013 | Petroleum Hydrocarbons Adsorption from aqueous solution by raw sugarcane bagasse | 56 |
| Malakootian .M , Ghiasseddin.M , Akbari.H , Jaafarzadeh.N | International Quarterly Journal Health Scope, 1:4  2013 | Urban dast fall concentration and its properties in kerman city,iran | 57 |
| Behnood.R , Anvaripouri.B , Jaafarzadeh.N , Farasati.M | Iranian Journal of oil & Gas Science and Technology , 2:4  2013 | Application of natural sorbents in crude oil adsorption | 58 |
| Basim.Y , Farzadkia.M , Jaafarzadeh.N , Hendrickx.T | Iraninan journal of Environmental health sciences & Engineering , 9:4  2012 | Sludge reduction by iumbriculus variegatus in Ahvaz wastewater treatment plant | 59 |
| Bagherian Marzouni.M , Akhoundali.A , Moazed.H , Jaafarzadeh.N , Ahadian.J , Hasoonizadeh.H | International journal of Advanced Biological and Biomedical Research , 2:2  2014 | Evalution of karun river water quality scenarios using simulation model results | 60 |
| Jaafarzadeh.N , Mengelizadeh.N , Takdastan.A , Alavi.N , Hormozi.M , Moshayydi.M | Jentashapir Journal Health Research, 5 :1  2014 | Efficiency evaluation of Zinc and Nickel removal through coagulation and flocculation… | 61 |
| Gorgizade. A , Marzouni.M , Jafarzadeh.N ,…. | International journal of Advanced Biological and Biomedical Research , 2:5  2014 | Water quality envaluation of bamdezh wetland using combination of NSFWQI and geographic…. | 62 |
| Baneshi.M , Rezaei Kalantary.R , Jonidi Jafari.A , Nasseri.S , Jaafarzadeh..N | Journal of Environmental Health Science & Engineering, 12:24  2014 | Effect of bioaugmentation to enhance phytoremediation for removal…. | 63 |
| Jaafarzadeh.N , Ahmadi.M , Martinez.S , Amiri.H | Environmental Engineering and Management Journal, 13 :2  2014 | Removal of As (III) and As (V) from aqueous solution using…. | 64 |
| Babaei.A , Azadi.R , Jaafarzadeh.N , Alavi.N | Iraninan journal of Environmental health sciences & Engineering  2013 | Application and kinetic evaluation of upflow anaerobic biofilm reactor…. | 65 |
| Jaafarzadeh.N , Jaderi.F , …… , Nabavi.S.M.B | Caspian Journal Of Applied Sciences Research, 2;9  2013 | Measurement and Quantification of sustainable development of mahshahr…. | 66 |
| Jaafarzadeh.N , Teymouri.P , …… , Ahmadi.M | Environmental Engineering & Management Journal, 13;4  2014 | Biosorption of cadmium (II) from aqueous solution by…. | 67 |
| Rafiee.M, …, Jaafarzadeh.N, Banafsheh.Z | Hydraulic structures,2013 | A case study of water quality modeling of the gargar river, iran | 68 |
| Jaafarzadeh . N, Menglizadeh. M , Hormozinejad.M | jentashapir journal health research, 5 (3)  2014 | adsorption of Zn (II) from aqueous solution by using chitin extracted from shrimp shells | 69 |
| Babaei.A, Baboli.Z, Jaafarzadeh . N, Godarzi.Gh, Bahrami.M, Ahmadi.M | Desalination and water treatment,(1-10)  2013 | synthesis,performance,and nonlinear modeling of modified nano-sized magnetite for removal of… | 70 |
| Bagherian Marzouni.M,Akhoundali.A,Moazed.H, Jaafarzadeh . N,…. | international journal of advanced biological and biomedical research, 2 (1),339-358  2014 | Evaluation of karun river water quality scenarios using simulation model results… | 71 |
| Ahmadpour.E, Babaei.A, Jaafarzadeh . N, Nazari.Z, …. | jentashapir journal health research,5 (3)  2014 | Survey on karun river water contamination by alkylphenolic compounds as … | 72 |
| AA Babaei, Z Baboli, N Jaafarzadeh, G Goudarzi, M Bahrami, M Ahmadi | Desalination and Water Treatment 53 (3), 768-777 | Synthesis, performance, and nonlinear modeling of modified nano-sized magnetite for removal of Cr (VI) from aqueous solutions | 73 |
| N Soltani, B Keshavarzi, F Moore, T Tavakol, AR Lahijanzadeh, N Jaafarzadeh, | Science of the Total Environment 505, 712-723 | Ecological and human health hazards of heavy metals and polycyclic aromatic hydrocarbons (PAHs) in road dust of Isfahan metropolis, Iran | 74 |
| K Yaghmaeian, N Jaafarzadeh, R Nabizadeh, G Dastforoushan, J Jaafari | Journal of Environmental Health Science and Engineering 13 (1), 60 | CFD modeling of incinerator to increase PCBs removal from outlet gas | 75 |
| A Talaiekhozani, N Jafarzadeh, MA Fulazzaky, MR Talaie, M Beheshti | Journal of Environmental Health Science and Engineering 13 (1), 64 | Kinetics of substrate utilization and bacterial growth of crude oil degraded by Pseudomonas aeruginosa | 76 |
| Z Heidari, M Motevasel, NA Jaafarzadeh | Iranian Journal of Oil & Gas Science and Technology 4 (4), 76-87 | Application of Electro-Fenton (EF) Process to the Removal of Pentachlorophenol from Aqueous Solutions | 77 |
| M Ahmadi, M Roz-Khosh, N Jaafarzadeh | Journal of Air Pollution and Health 1 (1), 35-42 | EMISSIONS OF CO2 AND CH4 IN ASMARI GAS COMPRESSOR STATION IN NATIONAL IRANIAN SOUTH OIL COMPANY USING EMISSION FACTOR | 78 |
| AA Babaei, Z Baboli, M Ahmadi, N Jaafarzadeh, G Goudarzi, A Mostufi | ISMJ 18 (5), 944-959 | Removal of Cr (VI) from aqueous solutions by nano-sized magnetite modified with SDS | 79 |
| S Taheri Ghannad, S Boroomandnasab, H Moazed, N Jaafarzadeh | Desalination and Water Treatment 56 (12), 3357-3367 | The effects of substrate type, HRT and reed on the lead removal in horizontal subsurface-flow constructed wetland | 80 |
| B Kakavandi, A Takdastan, N Jaafarzadeh, M Azizi, A Mirzaei, A Azari | Journal of Photochemistry and Photobiology A: Chemistry 314, 178-188 | Application of Fe 3 O 4@ C catalyzing heterogeneous UV-Fenton system for tetracycline removal with a focus on optimization by a response surface method | 81 |
| N Jaafarzadeh, N Mengelizadeh, M Jalil, A Takdastan, NA Alavi, ... | International Journal of Environmental Health Engineering 5 (1), 16 | Removal of zinc and nickel from aqueous solution by chitosan and polyaluminum chloride | 82 |
| Y Basim, N Jaafarzadeh, M Farzadkia | International Journal of Environmental Science and Development 7 (4), 253 | A novel biological method for sludge volume reduction by aquatic worms | 83 |
| N Jaafarzadeh, Y Hashempour, A Takdastan, MA Moghadam, G Goodarzi | Environmental Engineering & Management Journal (EEMJ) 15 (4) | EVALUATION OF BAGASSE PITH AS A SKELETON BUILDER FOR IMPROVEMENT OF SLUDGE DEWATERING | 84 |
| AA Babaei, M Ahmadi, G Goudarzi, N Jaafarzadeh, Z Baboli | Desalination and Water Treatment 57 (26), 12244-12256 | Adsorption of chromium (VI) from saline wastewater using spent tea-supported magnetite nanoparticle | 85 |
| R Behnood, B Anvaripour, N Jaafarzadeh, M Farasati | Journal of Central South University 23 (7), 1618-1625 | Oil spill sorption using raw and acetylated sugarcane bagasse | 86 |
| N Jaafarzadeh, M Omidinasab, F Ghanbari | Process Safety and Environmental Protection 102, 462-472 | Combined electrocoagulation and UV-based sulfate radical oxidation processes for treatment of pulp and paper wastewater | 87 |
| A Parnian, M Chorom, N Jaafarzadeh, M Dinarvand | Ecohydrology & Hydrobiology 16 (3), 194-200 | Use of two aquatic macrophytes for the removal of heavy metals from synthetic medium | 88 |
| M Malakootian, N Jaafarzadeh, A Dehdarirad | Desalination and Water Treatment 57 (51), 24444-24449 | Efficiency investigation of photo-Fenton process in removal of sodium dodecyl sulphate from aqueous solutions | 89 |
| M Rastegari Mehr, B Keshavarzi, F Moore, E Sacchi, AR Lahijanzadeh, N Jaafarzadeh ... | Human and Ecological Risk Assessment: An International Journal 22 (8), 1726-1748 | Contamination level and human health hazard assessment of heavy metals and polycyclic aromatic hydrocarbons (PAHs) in street dust deposited in Mahshahr, southwest of Iran | 90 |
| N Jaafarzadeh, AZ Javid, M Ravanbakhsh, Z Ramezani, M Ahmadi, KA Angali, ... | Environmental Science and Pollution Research 24 (3), 2936-2945 | Determination of nickel and thallium concentration in Cynoglossus arel fish in Musa estuary, Persian Gulf, Iran | 91 |
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| N Jaafarzadeh, F Ghanbari, M Ahmadi, M Omidinasab | Chemical Engineering Journal 308, 142-150 | Efficient integrated processes for pulp and paper wastewater treatment and phytotoxicity reduction: permanganate, electro-fenton and Co 3 O 4/UV/peroxymonosulfate | 93 |
| M Ahmadi, HR Motlagh, N Jaafarzadeh, A Mostoufi, R Saeedi, G Barzegar, ... | Journal of environmental management 186, 55-63 | Enhanced photocatalytic degradation of tetracycline and real pharmaceutical wastewater using MWCNT/TiO 2 nano-composite | 94 |
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