

sahand Jorfi

List of Publications by Year in descending order

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Version: 2024-02-01

110
papers

3,856
citations

136885

32
h-index

133188

59
g-index

111
all docs

111
docs citations

111
times ranked

4425
citing authors

#	ARTICLE	IF	CITATIONS
1	Carcinogenic risk assessment of nitrate contamination of drinking water resources in South Provinces of Iran. <i>International Journal of Environmental Analytical Chemistry</i> , 2024, 104, 251-260.	1.8	2
2	Enhanced biosurfactant-assisted composting of oily sludge using a diverse halo-tolerant consortium in the saline environment: effect of repeated inoculation and mixing ratios. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 2405-2419.	2.9	1
3	Hybrid Sono-photocatalytic degradation of Acid Brown 14 Using Persulphate and ZnO Nanoparticles: Feasibility and kinetic Study. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 4882-4895.	1.8	9
4	Monitoring and health risk assessment of organochlorine pesticides in Karun River and drinking water Ahvaz city, South West of Iran. <i>Toxin Reviews</i> , 2022, 41, 361-369.	1.5	3
5	Monitoring of 2,4-dichlorophenoxyacetic acid concentration in Karun River and effluents of water treatment plants. <i>Toxin Reviews</i> , 2022, 41, 785-794.	1.5	1
6	Monitoring of pesticides in surface water, pesticides removal efficiency in drinking water treatment plant and potential health risk to consumers using Monte Carlo simulation in Behbahan City, Iran. <i>Chemosphere</i> , 2022, 286, 131667.	4.2	28
7	Burden of disease induced by public overexposure to solar ultraviolet radiation (SUVR) at the national and subnational levels in Iran, 2005â€“2019. <i>Environmental Pollution</i> , 2022, 292, 118411.	3.7	5
8	National and subnational burden of disease attributable to occupational exposure to solar ultraviolet radiation (SUVR) in Iran, 2005â€“2019. <i>International Journal of Hygiene and Environmental Health</i> , 2022, 240, 113897.	2.1	4
9	Non-carcinogenic risk assessment of Cr and Pb in vegetables grown in the industrial area in the southwest of Iran using Monte Carlo Simulation approach. <i>International Journal of Environmental Research</i> , 2022, 16, 1.	1.1	4
10	Bacterial strains diversity in contaminated soils and their potential for bioremediation of total petroleum hydrocarbons in south west of Iran. <i>Journal of Environmental Health Science & Engineering</i> , 2022, 20, 601-608.	1.4	3
11	Petroleum Contaminated Seawater Detoxification in Microcosm by Halotolerant Consortium Isolated from Persian Gulf. <i>Current Microbiology</i> , 2021, 78, 95-106.	1.0	4
12	Optimization of electro-kinetic process for remediation of soil contaminated with phenanthrene using response surface methodology. <i>Environmental Science and Pollution Research</i> , 2021, 28, 1006-1017.	2.7	16
13	Characterization of the biosurfactant produced by <i>Pseudomonas aeruginosa</i> strain R4 and its application for remediation pyrene-contaminated soils. <i>Journal of Environmental Health Science & Engineering</i> , 2021, 19, 445-456.	1.4	5
14	A salt resistant biosurfactant produced by moderately halotolerant <i>Pseudomonas aeruginosa</i> (AHV-KH10) and its application for bioremediation of diesel-contaminated sediment in saline environment. <i>Biodegradation</i> , 2021, 32, 327-341.	1.5	14
15	An innovative index for assessing vulnerability of employees of different occupations from the COVID-19 pandemic in Iran. <i>Environmental Research</i> , 2021, 197, 111039.	3.7	4
16	Spatiotemporal analysis of solar ultraviolet radiation based on Ozone Monitoring Instrument dataset in Iran, 2005â€“2019. <i>Environmental Pollution</i> , 2021, 287, 117643.	3.7	4
17	Hybrid metal and non-metal activation of Oxone by magnetite nanostructures co-immobilized with nano-carbon black to degrade tetracycline: Fenton and electrochemical enhancement with bio-assay. <i>Separation and Purification Technology</i> , 2021, 274, 119055.	3.9	12
18	The environmental performance of four municipal solid waste management scenarios: A life cycle assessment study. <i>Environmental Quality Management</i> , 2021, 31, 77-84.	1.0	7

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19	Herbicide Residues in Water Resources: A Scoping Review. <i>Avicenna Journal of Environmental Health Engineering</i> , 2021, 8, 126-133.	0.3	3
20	Electrocoagulation of textile wastewater in the presence of electro-synthesized magnetite nanoparticles: simultaneous peroxi- and ultrasonic-electrocoagulation. <i>Separation Science and Technology</i> , 2020, 55, 945-954.	1.3	14
21	Evaluation of industrial wastes management practices: Case study of the Savojbolagh industrial zone, Iran. <i>Waste Management and Research</i> , 2020, 38, 44-58.	2.2	4
22	Spatial distribution, ecological and health risk assessment and source identification of atrazine in Shadegan international wetland, Iran. <i>Marine Pollution Bulletin</i> , 2020, 160, 111569.	2.3	25
23	An Efficient Biosurfactant by <i>Pseudomonas stutzeri</i> Z12 Isolated from an Extreme Environment for Remediation of Soil Contaminated with Hydrocarbons. <i>Chemical and Biochemical Engineering Quarterly</i> , 2020, 34, 35-48.	0.5	6
24	Remediation of oily sludge wastes using biosurfactant produced by bacterial isolate <i>Pseudomonas balearica</i> strain Z8. <i>Journal of Environmental Health Science & Engineering</i> , 2020, 18, 531-539.	1.4	11
25	Comparison of performance and efficiency of four methods to extract genomic DNA from oil contaminated soils in southwestern of Iran. <i>Journal of Environmental Health Science & Engineering</i> , 2020, 18, 463-468.	1.4	4
26	Photocatalytic degradation of 2,4-dichlorophenoxyacetic acid using Fe ₃ O ₄ @TiO ₂ /Cu ₂ O magnetic nanocomposite stabilized on granular activated carbon from aqueous solution. <i>Research on Chemical Intermediates</i> , 2020, 46, 2833-2857.	1.3	21
27	Bioremediation of phenanthrene-polluted soil using <i>Bacillus kochii</i> AHV-KH14 as a halo-tolerant strain isolated from compost. <i>Environmental Health Engineering and Management</i> , 2020, 7, 23-30.	0.3	10
28	Adsorption of humic acid from aqueous solutions onto shellfish ash: Kinetic and isotherm studies and artificial neural network modeling. <i>Environmental Health Engineering and Management</i> , 2020, 7, 219-228.	0.3	2
29	Biodegradation of total petroleum hydrocarbons in contaminated soils using indigenous bacterial consortium. <i>Environmental Health Engineering and Management</i> , 2020, 7, 127-133.	0.3	2
30	Stone cutting industry waste-supported zinc oxide nanostructures for ultrasonic assisted decomposition of an anti-inflammatory non-steroidal pharmaceutical compound. <i>Ultrasonics Sonochemistry</i> , 2019, 58, 104669.	3.8	47
31	Remediation of PAHs contaminated soil using a sequence of soil washing with biosurfactant produced by <i>Pseudomonas aeruginosa</i> strain PF2 and electrokinetic oxidation of desorbed solution, effect of electrode modification with Fe ₃ O ₄ nanoparticles. <i>Journal of Hazardous Materials</i> , 2019, 379, 120839.	6.5	55
32	Development of salt-tolerant microbial consortium during the treatment of saline bisphenol A-containing wastewater: Removal mechanisms and microbial characterization. <i>Journal of Water Process Engineering</i> , 2019, 32, 100949.	2.6	12
33	Distribution and health risk assessment of organochlorine pesticides in agricultural soils of the Aghili plain, Southwest Iran. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	9
34	Geochemical determination and pollution assessment of heavy metals in agricultural soils of south western of Iran. <i>Journal of Environmental Health Science & Engineering</i> , 2019, 17, 657-669.	1.4	25
35	Surfactant-enhanced Bioremediation of n-Hexadecane-contaminated Soil Using Halo-tolerant Bacteria <i>Paenibacillus gluconolyticus</i> sp. Strain T7-AHV Isolated from Marine Environment. <i>Chemical and Biochemical Engineering Quarterly</i> , 2019, 33, 111-123.	0.5	9
36	Magnetic titanium/carbon nanotube nanocomposite catalyst for oxidative degradation of Bisphenol A from high saline polycarbonate plant effluent using catalytic wet peroxide oxidation. <i>Chemical Engineering Journal</i> , 2019, 370, 372-386.	6.6	50

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37	Sonocatalytic degradation of tetracycline antibiotic using zinc oxide nanostructures loaded on nano-cellulose from waste straw as nanosonocatalyst. <i>Ultrasonics Sonochemistry</i> , 2019, 55, 117-124.	3.8	141
38	Age-sex specific disability-adjusted life years (DALYs) attributable to elevated levels of fluoride in drinking water: A national and subnational study in Iran, 2017. <i>Water Research</i> , 2019, 157, 94-105.	5.3	31
39	Health risk of phthalates in water environment: Occurrence in water resources, bottled water, and tap water, and burden of disease from exposure through drinking water in tehran, Iran. <i>Environmental Research</i> , 2019, 173, 469-479.	3.7	119
40	Heterogeneous catalytic degradation of organic compounds using nanoscale zero-valent iron supported on kaolinite: Mechanism, kinetic and feasibility studies. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 96, 329-340.	2.7	92
41	Biodegradation of high saline petrochemical wastewater by novel isolated halotolerant bacterial strains using integrated powder activated carbon/activated sludge bioreactor. <i>Environmental Progress and Sustainable Energy</i> , 2019, 38, 13088.	1.3	9
42	Effects of pre-ozonation and chemical coagulation on the removal of turbidity, color, TOC, and chlorophyll a from drinking water. <i>Environmental Health Engineering and Management</i> , 2019, 6, 53-61.	0.3	6
43	Evaluation of lead and cadmium concentrations in lipstick and eye pencil cosmetics. <i>Environmental Health Engineering and Management</i> , 2019, 6, 277-282.	0.3	13
44	A new approach in sono-photocatalytic degradation of recalcitrant textile wastewater using MgO@Zeolite nanostructure under UVA irradiation. <i>Chemical Engineering Journal</i> , 2018, 343, 95-107.	6.6	136
45	4-Chlorophenol degradation using ultrasound/peroxymonosulfate/nanoscale zero valent iron: Reusability, identification of degradation intermediates and potential application for real wastewater. <i>Chemosphere</i> , 2018, 201, 370-379.	4.2	156
46	Enhanced photocatalytic degradation of furfural and a real wastewater using UVC/TiO ₂ nanoparticles immobilized on white concrete in a fixed-bed reactor. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 62, 291-301.	2.9	32
47	The performance study on ultrasonic/Fe ₃ O ₄ /H ₂ O ₂ for degradation of azo dye and real textile wastewater treatment. <i>Journal of Molecular Liquids</i> , 2018, 256, 462-470.	2.3	118
48	Synthesis and evaluations of Fe ₃ O ₄ @TiO ₂ @Ag nanocomposites for photocatalytic degradation of 4-chlorophenol (4-CP): effect of Ag and Fe compositions. <i>International Journal of Industrial Chemistry</i> , 2018, 9, 141-151.	3.1	55
49	Activated persulfate by chelating agent Fe ²⁺ /complex for in situ degradation of phenol: intermediate identification and optimization study. <i>Research on Chemical Intermediates</i> , 2018, 44, 5501-5519.	1.3	12
50	Taguchi optimization approach for metronidazole removal from aqueous solutions by using graphene oxide functionalized β-cyclodextrin/Ag nanocomposite. <i>Water Science and Technology</i> , 2018, 2017, 36-47.	1.2	5
51	Defluoridation of synthetic and natural waters by polyaluminum chloride-chitosan (PACl-Ch) composite coagulant. <i>Water Science and Technology: Water Supply</i> , 2018, 18, 259-269.	1.0	14
52	Photodegradation of Acid red 18 dye by BiOI/ZnO nanocomposite: A dataset. <i>Data in Brief</i> , 2018, 16, 608-611.	0.5	7
53	Photocatalytic decontamination of phenol and petrochemical wastewater through ZnO/TiO ₂ decorated on reduced graphene oxide nanocomposite: influential operating factors, mechanism, and electrical energy consumption. <i>RSC Advances</i> , 2018, 8, 40035-40053.	1.7	115
54	Enhanced degradation of Bisphenol A from high saline polycarbonate plant wastewater using wet air oxidation. <i>Chemical Engineering Research and Design</i> , 2018, 120, 321-330.	2.7	35

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55	Data on photo-catalytic degradation of 4-chlorophenol from aqueous solution using UV/ZnO/persulfate. <i>Data in Brief</i> , 2018, 20, 582-586.	0.5	7
56	Implementation of continuously electro-generated Fe ₃ O ₄ nanoparticles for activation of persulfate to decompose amoxicillin antibiotic in aquatic media: UV254 and ultrasound intensification. <i>Journal of Environmental Management</i> , 2018, 224, 315-326.	3.8	54
57	Implementation of martite nanoparticles prepared through planetary ball milling as a heterogeneous activator of oxone for degradation of tetracycline antibiotic: Ultrasound and peroxy-enhancement. <i>Chemosphere</i> , 2018, 210, 699-708.	4.2	49
58	National and subnational mortality and disability-adjusted life years (DALYs) attributable to 17 occupational risk factors in Iran, 1990-2015. <i>Environmental Research</i> , 2018, 165, 158-175.	3.7	19
59	A comparative study on the removal of pentachlorophenol using copper-impregnated pumice and zeolite. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 3342-3348.	3.3	13
60	Photocatalytic degradation of rhodamine B and real textile wastewater using Fe-doped TiO ₂ anchored on reduced graphene oxide (Fe-TiO ₂ /rGO): Characterization and feasibility, mechanism and pathway studies. <i>Applied Surface Science</i> , 2018, 462, 549-564.	3.1	292
61	Age-sex specific and sequela-specific disability-adjusted life years (DALYs) due to dental caries preventable through water fluoridation: An assessment at the national and subnational levels in Iran, 2016. <i>Environmental Research</i> , 2018, 167, 372-385.	3.7	16
62	Enhancement the conditioning of waste activated sludge through a sequence of freeze/thaw-electro-Fenton process. <i>Polish Journal of Chemical Technology</i> , 2018, 20, 47-53.	0.3	3
63	A novel salt-tolerant bacterial consortium for biodegradation of saline and recalcitrant petrochemical wastewater. <i>Journal of Environmental Management</i> , 2017, 191, 198-208.	3.8	73
64	Estimation of anthropogenic mercury emission from various sources in Iran. <i>Toxin Reviews</i> , 2017, 36, 52-56.	1.5	2
65	Synthesis of chitosan zero-valent iron nanoparticles-supported for cadmium removal: characterization, optimization and modeling approach. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2017, 66, 116-130.	0.6	78
66	National and sub-national age-sex specific and cause-specific mortality and disability-adjusted life years (DALYs) attributable to household air pollution from solid cookfuel use (HAP) in Iran, 1990-2013. <i>Environmental Research</i> , 2017, 156, 87-96.	3.7	33
67	Electrocoagulation process to Chemical and Biological Oxygen Demand treatment from carwash grey water in Ahvaz megacity, Iran. <i>Data in Brief</i> , 2017, 11, 634-639.	0.5	25
68	Oxidative degradation of aniline and benzotriazole over PAC@FeII/FeIII/O ₄ : A recyclable catalyst in a heterogeneous photo-Fenton-like system. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 336, 42-53.	2.0	55
69	Thermally activated persulfate treatment and mineralization of a recalcitrant high TDS petrochemical wastewater. <i>Polish Journal of Chemical Technology</i> , 2017, 19, 72-77.	0.3	10
70	Pollution load index for heavy metals in Mian-Ab plain soil, Khuzestan, Iran. <i>Data in Brief</i> , 2017, 15, 584-590.	0.5	63
71	Enhanced Sono-Fenton-Like Oxidation of PAH-Contaminated Soil Using Nano-Sized Magnetite as Catalyst: Optimization with Response Surface Methodology. <i>Soil and Sediment Contamination</i> , 2017, 26, 538-557.	1.1	28
72	Electrokinetic treatment of high saline petrochemical wastewater: Evaluation and scale-up. <i>Journal of Environmental Management</i> , 2017, 204, 221-229.	3.8	37

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73	A novel combination of oxidative degradation for benzotriazole removal using TiO ₂ loaded on Fe ₃ O ₄ @C as an efficient activator of peroxymonosulfate. <i>Applied Catalysis B: Environmental</i> , 2017, 219, 216-230.	10.8	166
74	Advanced treatment of saline municipal wastewater by <i>Ruppia maritima</i> : A data set. <i>Data in Brief</i> , 2017, 13, 545-549.	0.5	0
75	Hydrothermal synthesis of Fe-TiO ₂ -Ag nano-sphere for photocatalytic degradation of 4-chlorophenol (4-CP): Investigating the effect of hydrothermal temperature and time as well as calcination temperature. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 4564-4572.	3.3	36
76	Zoning of heavy metal concentrations including Cd, Pb and As in agricultural soils of Aghili plain, Khuzestan province, Iran. <i>Data in Brief</i> , 2017, 14, 20-27.	0.5	23
77	Experimental data on adsorption of Cr(VI) from aqueous solution using nanosized cellulose fibers obtained from rice husk. <i>Data in Brief</i> , 2017, 15, 887-895.	0.5	33
78	Transformer oils as a potential source of environmental exposure to polychlorinated biphenyls (PCBs): an assessment in three central provinces of Iran. <i>Environmental Science and Pollution Research</i> , 2017, 24, 19098-19103.	2.7	9
79	Enhanced photocatalytic degradation of tetracycline and real pharmaceutical wastewater using MWCNT/TiO ₂ nano-composite. <i>Journal of Environmental Management</i> , 2017, 186, 55-63.	3.8	301
80	Sono-assisted adsorption of a textile dye on milk vetch-derived charcoal supported by silica nanopowder. <i>Journal of Environmental Management</i> , 2017, 187, 111-121.	3.8	56
81	Enhancement of the Bioremediation of Pyrene-Contaminated Soils Using a Hematite Nanoparticle-based Modified Fenton Oxidation in a Sequenced Approach. <i>Soil and Sediment Contamination</i> , 2017, 26, 141-156.	1.1	25
82	Adsorption of Cr(VI) by Natural Clinoptilolite Zeolite from Aqueous Solutions: Isotherms and Kinetics. <i>Polish Journal of Chemical Technology</i> , 2017, 19, 106-114.	0.3	27
83	Evaluation of spatial and temporal variation in Karun River water quality during five decades (1968-2014). <i>Environmental Quality Management</i> , 2017, 27, 71-75.	1.0	6
84	Enhanced Photocatalytic Degradation and Mineralization of Furfural Using UVC/TiO ₂ /GAC Composite in Aqueous Solution. <i>International Journal of Photoenergy</i> , 2016, 2016, 1-10.	1.4	26
85	Enhanced coagulation-photocatalytic treatment of Acid red 73 dye and real textile wastewater using UVA/synthesized MgO nanoparticles. <i>Journal of Environmental Management</i> , 2016, 177, 111-118.	3.8	137
86	Enhanced sonocatalysis of textile wastewater using bentonite-supported ZnO nanoparticles: Response surface methodological approach. <i>Journal of Environmental Management</i> , 2016, 179, 47-57.	3.8	76
87	Data on greenhouse gases emission in condensate separation unit of a petrochemical company in Iran. <i>Data in Brief</i> , 2016, 8, 750-754.	0.5	1
88	Data on biodegradation of total petroleum hydrocarbons using co-composting of cow manure/oily drill wastes. <i>Data in Brief</i> , 2016, 9, 723-726.	0.5	10
89	An innovative drinking water nutritional quality index (DWNQI) for assessing drinking water contribution to intakes of dietary elements: A national and sub-national study in Iran. <i>Ecological Indicators</i> , 2016, 60, 367-376.	2.6	23
90	Ultrasonically induced ZnO-biosilica nanocomposite for degradation of a textile dye in aqueous phase. <i>Ultrasonics Sonochemistry</i> , 2016, 28, 69-78.	3.8	115

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91	Powder activated carbon/Fe ₃ O ₄ hybrid composite as a highly efficient heterogeneous catalyst for Fenton oxidation of tetracycline: degradation mechanism and kinetic. RSC Advances, 2015, 5, 84718-84728.	1.7	61
92	Effectiveness of biostimulation through nutrient content on the bioremediation of phenanthrene contaminated soil. Journal of Environmental Health Science & Engineering, 2014, 12, 143.	1.4	61
93	Lab-scale optimization of propylene glycol removal from synthetic wastewater using activated sludge reactor. Desalination and Water Treatment, 2014, 52, 3585-3593.	1.0	7
94	Lab-scale optimization of propylene glycol removal from synthetic wastewater using activated sludge reactor**. Desalination and Water Treatment, 2014, 52, (ix)-(ix).	1.0	0
95	Bioremediation of Pyrene-Contaminated Soils Using Biosurfactant. Jentashapir Journal of Health Research, 2014, 5, .	0.2	10
96	Pyrene removal from contaminated soils by modified Fenton oxidation using iron nano particles. Journal of Environmental Health Science & Engineering, 2013, 11, 17.	1.4	49
97	Application of Biosurfactants Produced by <i>Pseudomonas aeruginosa</i> SP4 for Bioremediation of Soils Contaminated by Pyrene. Soil and Sediment Contamination, 2013, 22, 890-911.	1.1	42
98	Modification of PAHs Biodegradation with Humic Compounds. Soil and Sediment Contamination, 2013, 22, 185-198.	1.1	25
99	Evaluation of dry solid waste recycling from municipal solid waste: case of Mashhad city, Iran. Waste Management and Research, 2012, 30, 106-112.	2.2	16
100	Sequencing treatment of landfill leachate using ammonia stripping, Fenton oxidation and biological treatment. Waste Management and Research, 2012, 30, 883-887.	2.2	19
101	Evaluation of biological landfill leachate treatment incorporating struvite precipitation and powdered activated carbon addition. Waste Management and Research, 2010, 28, 759-766.	2.2	17
102	NITRATE REMOVAL FROM AQUEOUS SOLUTION USING MGCL ₂ IMPREGNATED ACTIVATED CARBON. Environmental Engineering and Management Journal, 2010, 9, 449-452.	0.2	13
103	Hospital waste management status in Iran: a case study in the teaching hospitals of Iran University of Medical Sciences. Waste Management and Research, 2009, 27, 384-389.	2.2	50
104	Biodegradability enhancement of azo dye Direct Orange-26 using UV/Fenton-like process: optimization using response surface methodology. , 0, 81, 233-241.		4
105	Cyanide adsorption from aqueous solution using mesoporous zeolite modified by cetyltrimethylammonium bromide surfactant. , 0, 97, 285-294.		6
106	Ultrasonically induced adsorption of nitrate from aqueous solution using Fe ₃ O ₄ @activated carbon nanocomposite. , 0, 123, 230-239.		10
107	Evaluation of sodium ferrate as an efficient coagulant for total suspended solids and nematode removal from water. , 0, 130, 142-150.		0
108	Oxidative degradation of furfural using synthesized copper activated persulfate in aqueous solution, intermediates identification and artificial neural network modeling. , 0, 148, 128-140.		0

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109	Biodegradation of Bisphenol A in a saline industrial wastewater using <i>Alcaligenes faecalis</i> strain BPAN5. , 0, 189, 276-282.		8
110	Biodegradation potential of native hydrocarbon degrading bacteria by using bio-stimulation on crude oil in soils of Khuzestan province (Abadan, Ahvaz and Andimeshk) â€“Iran. <i>Bioremediation Journal</i> , 0, , 1-10.	1.0	0