

Ali Koolivand

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

7,801
citations

331670

21
h-index

182427

51
g-index

52
all docs

52
docs citations

52
times ranked

5805
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Burden of Cardiovascular Diseases and Risk Factors, 1990–2019. <i>Journal of the American College of Cardiology</i> , 2020, 76, 2982-3021.	2.8	4,468
2	Global, regional, and national burden of stroke and its risk factors, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet Neurology</i> , The, 2021, 20, 795-820.	10.2	2,308
3	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.	7.5	119
4	Global, regional, and national mortality among young people aged 10–24 years, 1950–2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet</i> , The, 2021, 398, 1593-1618.	13.7	92
5	Effect of competition between petroleum-degrading bacteria and indigenous compost microorganisms on the efficiency of petroleum sludge bioremediation: Field application of mineral-based culture in the composting process. <i>Journal of Environmental Management</i> , 2020, 258, 110013.	7.8	46
6	Estimating global injuries morbidity and mortality: methods and data used in the Global Burden of Disease 2017 study. <i>Injury Prevention</i> , 2020, 26, i125-i153.	2.4	44
7	Bioremediation of storage tank bottom sludge by using a two-stage composting system: Effect of mixing ratio and nutrients addition. <i>Bioresource Technology</i> , 2017, 235, 240-249.	9.6	38
8	Associations of short-term exposure to air pollution with respiratory hospital admissions in Arak, Iran. <i>Journal of Environmental Health Science & Engineering</i> , 2017, 15, 17.	3.0	38
9	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.	7.5	33
10	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.	11.3	31
11	Degradation of petroleum hydrocarbons from bottom sludge of crude oil storage tanks using in-vessel composting followed by oxidation with hydrogen peroxide and Fenton. <i>Journal of Material Cycles and Waste Management</i> , 2013, 15, 321-327.	3.0	30
12	Ion-pair-based hollow-fiber liquid-phase microextraction combined with high-performance liquid chromatography for the simultaneous determination of urinary benzene, toluene, and styrene metabolites. <i>Journal of Separation Science</i> , 2018, 41, 501-508.	2.5	29
13	Biodegradation of high concentrations of petroleum compounds by using indigenous bacteria isolated from petroleum hydrocarbons-rich sludge: Effective scale-up from liquid medium to composting process. <i>Journal of Environmental Management</i> , 2019, 248, 109228.	7.8	29
14	Biodegradation of petroleum hydrocarbons of bottom sludge from crude oil storage tanks by in-vessel composting. <i>Toxicological and Environmental Chemistry</i> , 2013, 95, 101-109.	1.2	28
15	Biodegradation of heavy oily sludge by a two-step inoculation composting process using synergistic effect of indigenous isolated bacteria. <i>Process Biochemistry</i> , 2020, 91, 223-230.	3.7	26
16	Optimization of combined in-vessel composting process and chemical oxidation for remediation of bottom sludge of crude oil storage tanks. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 2597-2603.	2.2	25
17	Ambient air pollution and daily hospital admissions for cardiovascular diseases in Arak, Iran. <i>ARYA Atherosclerosis</i> , 2017, 13, 117-134.	0.4	25
18	Oily sludge biodegradation using a new two-phase composting method: Kinetics studies and effect of aeration rate and mode. <i>Process Biochemistry</i> , 2019, 79, 127-134.	3.7	24

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19	Bioremediation of petroleum hydrocarbons by vermicomposting process bioaugmented with indigenous bacterial consortium isolated from petroleum oily sludge. <i>Ecotoxicology and Environmental Safety</i> , 2020, 198, 110645.	6.0	24
20	Composition and production rate of dental solid waste and associated management practices in Hamadan, Iran. <i>Waste Management and Research</i> , 2012, 30, 619-624.	3.9	23
21	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.	6.3	23
22	Investigating composition and production rate of healthcare waste and associated management practices in Bandar Abbass, Iran. <i>Waste Management and Research</i> , 2012, 30, 601-606.	3.9	22
23	Effect of two-step bioaugmentation of an indigenous bacterial strain isolated from oily waste sludge on petroleum hydrocarbons biodegradation: Scaling-up from a liquid mineral medium to a two-stage composting process. <i>Environmental Technology and Innovation</i> , 2020, 17, 100558.	6.1	22
24	The effect of petroleum hydrocarbons concentration on competition between oil-degrading bacteria and indigenous compost microorganisms in petroleum sludge bioremediation. <i>Environmental Technology and Innovation</i> , 2022, 26, 102319.	6.1	20
25	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.	7.5	19
26	Kinetic, isotherm, and thermodynamic studies for removal of direct red 12b using nanostructured biosilica incorporated into calcium alginate matrix. <i>Environmental Progress and Sustainable Energy</i> , 2015, 34, 1435-1443.	2.3	18
27	Hazardous and industrial waste composition and associated management activities in Caspian industrial park, Iran. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2017, 7, 9-14.	2.9	18
28	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.	7.5	16
29	Defluoridation of synthetic and natural waters by polyaluminum chloride-chitosan (PACI-Ch) composite coagulant. <i>Water Science and Technology: Water Supply</i> , 2018, 18, 259-269.	2.1	14
30	Biodegradation of oil tank bottom sludge using a new two-phase composting process: kinetics and effect of different bulking agents. <i>Journal of Material Cycles and Waste Management</i> , 2019, 21, 1280-1290.	3.0	14
31	Investigation on the characteristics and management of dental waste in Urmia, Iran. <i>Journal of Material Cycles and Waste Management</i> , 2015, 17, 553-559.	3.0	13
32	Assessment of biosurfactant-producing bacteria from oil contaminated soils and their hydrocarbon degradation potential. <i>Environmental Sustainability</i> , 2019, 2, 285-296.	2.8	11
33	Contamination of obstetrics and gynecology hospital air by bacterial and fungal aerosols associated with nosocomial infections. <i>Journal of Environmental Health Science & Engineering</i> , 2021, 19, 663-670.	3.0	11
34	Effect of immature and mature compost addition on petroleum contaminated soils composting: kinetics. <i>Journal of Environmental Health Science & Engineering</i> , 2019, 17, 839-846.	3.0	10
35	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.	5.3	9
36	Bioremediation of Petroleum Hydrocarbons by Using a Two-Step Inoculation Composting Process Scaled-Up from a Mineral-Based Medium: Effect of Biostimulation of an Indigenous Bacterial Strain. <i>Waste and Biomass Valorization</i> , 2021, 12, 2089-2096.	3.4	9

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37	Modeling of oily sludge composting process by using artificial neural networks and differential evolution: Prediction of removal of petroleum hydrocarbons and organic carbon. <i>Environmental Technology and Innovation</i> , 2021, 21, 101338.	6.1	9
38	Effective scale-up of oily sludge bioremediation from a culture-based medium to a two-phase composting system using an isolated hydrocarbon-degrading bacterium: effect of two-step bioaugmentation. <i>Journal of Material Cycles and Waste Management</i> , 2020, 22, 1475-1483.	3.0	8
39	Quantitative and qualitative assessment of microbial aerosols in different indoor environments of a dental school clinic. <i>Aerobiologia</i> , 2021, 37, 217-224.	1.7	8
40	Hospital waste generation and management in some provinces of Iran. <i>Toxicological and Environmental Chemistry</i> , 2013, 95, 962-969.	1.2	7
41	The importance of PHC-based measures in controlling COVID-19 outbreak: Implications for global health system. <i>Ethics, Medicine and Public Health</i> , 2020, 14, 100549.	0.9	7
42	Application of modified qualitative index for surveillance of water-filtration process in turbidity removal by different media. <i>International Journal of Environmental Science and Technology</i> , 2012, 9, 691-700.	3.5	5
43	Burden of disease induced by public overexposure to solar ultraviolet radiation (SUVR) at the national and subnational levels in Iran, 2005-2019. <i>Environmental Pollution</i> , 2022, 292, 118411.	7.5	5
44	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.	7.5	4
45	Spatiotemporal analysis of solar ultraviolet radiation based on Ozone Monitoring Instrument dataset in Iran, 2005-2019. <i>Environmental Pollution</i> , 2021, 287, 117643.	7.5	4
46	National and subnational burden of disease attributable to occupational exposure to solar ultraviolet radiation (SUVR) in Iran, 2005-2019. <i>International Journal of Hygiene and Environmental Health</i> , 2022, 240, 113897.	4.3	4
47	Performance evaluation of advanced $Fe^{+2}/Fe^{+3}/H_2O_2$ process in the reduction of nitrate and organic matter from aqueous solution. <i>Desalination and Water Treatment</i> , 2014, 52, 6240-6248.	1.0	3
48	Managerial challenges and solutions for COVID-19 outbreak: New insights for global primary healthcare system. <i>Ethics, Medicine and Public Health</i> , 2020, 15, 100567.	0.9	2
49	Application of UV/TiO ₂ ; Advanced Oxidation in Treating Oily Compost Leachate Generated During Oily Sludge Composting. <i>Civil and Environmental Engineering Reports</i> , 2019, 29, 241-251.	0.3	2
50	DETERMINATION OF COPPER, NICKEL AND CHROMIUM CONTENTS IN CULTIVATED TEA IN NORTH OF IRAN. <i>Environmental Engineering and Management Journal</i> , 2015, 14, 2409-2413.	0.6	2
51	Oxidative toxic stress and p53 level in healthy subjects occupationally exposed to outdoor air Pollution - a cross-sectional study in Iran. <i>Annals of Agricultural and Environmental Medicine</i> , 2020, 27, 585-590.	1.0	2