Ismail Trabelsi

List of Publications by Year
in descending order

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41 papers	501 citations	758635 12 h-index	752256 20 g-index
41 all docs	41 docs citations	41 times ranked	697 citing authors

#	Article	IF	Citations
1	Detoxification of Leachate by Coagulation Treatment Prior to Fermentation and Possible Reuse in Irrigation. Clean - Soil, Air, Water, 2022, 50, .	0.7	0
2	Cumulative effect of sewage sludge application on soil adsorption complex and nutrient balance: a field study in semi-arid region (Oued Souhil, Tunisia). Arabian Journal of Geosciences, 2022, 15, 1.	0.6	6
3	Optimization of humic acid adsorption using central composite design (CCD) and principal component analysis (PCA): kinetics, isotherm, and thermodynamics studies. Arabian Journal of Geosciences, 2022, 15, .	0.6	0
4	Novel polyvinylidene fluoride/lead-doped zinc oxide adsorptive membranes for enhancement of the removal of reactive textile dye. International Journal of Environmental Science and Technology, 2021, 18, 2793-2804.	1.8	5
5	One-step removal of organic matter and heavy metals from Tunisian oil field (TOF) produced water using soluble sodium silicate with a unit molar ratio SiO2/Na2O. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	5
6	Optimal routing of household waste collection using ArcGIS application: a case study of El Bousten district, Sfax city, Tunisia. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	1
7	Monitoring of horizontal subsurface flow constructed wetlands for tertiary treatment of municipal wastewater. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	1
8	Recent technologies for leachate treatment: a review. Euro-Mediterranean Journal for Environmental Integration, 2021, 6, 1.	0.6	7
9	Recovery of landfill leachate as culture medium for two microalgae: Chlorella sp. and Scenedesmus sp.. Environment, Development and Sustainability, 2020, 22, 2651-2671.	2.7	19
10	Up-Grading Biofuel Production by Co-pyrolysis of Landfill Leachate Concentrate and Sewage Sludge Mixture. Waste and Biomass Valorization, 2020, 11, 291-301.	1.8	7
11	A new insight into highly contaminated landfill leachate treatment using Kefir grains pre-treatment combined with Ag-doped TiO2 photocatalytic process. Journal of Hazardous Materials, 2020, 382, 121119.	6.5	64
12	A new practical approach for the biological treatment of a mixture of cheese whey and white wastewaters using Kefir grains. Environmental Science and Pollution Research, 2020, 27, 33127-33139.	2.7	6
13	Aloe sp. leaf gel and water glass for municipal wastewater sludge treatment and odour removal. Water Science and Technology, 2020, 81, 479-490.	1.2	10
14	Mixed culture of Lactococcus lactis and Kluyveromyces marxianus isolated from kefir grains for pollutants load removal from Jebel Chakir leachate. Water Environment Research, 2020, 92, 2041-2048.	1.3	11
15	Pb doped ZnO nanoparticles for the sorption of Reactive Black 5 textile azo dye. Water Science and Technology, 2020, 82, 2576-2591.	1.2	5
16	Effect of liquid depth on microcontaminant removal by solar photo-Fenton with Fe(III):EDDS at neutral pH in high salinity wastewater. Environmental Science and Pollution Research, 2019, 26, 28071-28079.	2.7	7
17	Agricultural soil characterization using 2D electrical resistivity tomography (ERT) after direct and intermittent digestate application. Arabian Journal of Geosciences, 2019, 12, 1.	0.6	11
18	Valorization of residual soft drinks by baker's yeast production and insight for dairy wastewater whey incorporation. Water Science and Technology, 2019, 79, 635-644.	1.2	2

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19	Spatio-temporal distribution of physicochemical and bacteriological parameters in the north area of Monastir bay, eastern coast of Tunisia. Arabian Journal of Geosciences, 2019, 12, 1.	0.6	3
20	Novel approach for the use of dairy industry wastes for bacterial growth media production. Journal of Environmental Management, 2018, 212, 176-185.	3.8	6
21	Organic Compounds and Heavy Metals Simultaneous Removal from a Tunisian Landfill Leachate Using Dairy Rejects. Advances in Science, Technology and Innovation, 2018, , 327-329.	0.2	0
22	Pyrolysis of Date palm waste in a fixed-bed reactor: Characterization of pyrolytic products. Bioresource Technology, 2018, 247, 363-369.	4.8	71
23	Physicalâ€“chemical treatment process optimization for high polluting dairy effluents prior fermentation. International Journal of Environmental Science and Technology, 2018, 15, 779-790.	1.8	2
24	Use of natural Stipa tenacissima fibers for the removal of H2S in an alkaline aqueous medium. Arabian Journal of Geosciences, 2018, 11, 1.	0.6	0
25	Electro-coagulation treatment of raw and autoclaved landfill leachate with aluminum electrodes: case study of Djebel Chakir (Tunisia). Arabian Journal of Geosciences, 2017, 10, 1.	0.6	11
26	Eco-friendly process combining physicalâ€“chemical and biological technics for the fermented dairy products waste pretreatment and reuse. Water Science and Technology, 2017, 75, 39-47.	1.2	15
27	Co-management of landfill leachate concentrate with brick waste by solidification/stabilization treatment. Arabian Journal of Geosciences, 2017, 10, 1.	0.6	10
28	Processed milk waste recycling via thermal pretreatment and lactic acid bacteria fermentation. Environmental Science and Pollution Research, 2017, 24, 13604-13613.	2.7	12
29	Tunisian landfill leachate treatment using Chlorella sp.: effective factors and microalgae strain performance. Arabian Journal of Geosciences, 2017, 10, 1.	0.6	24
30	Adaptation of Shigella flexneri to starvation: morphology, outer membrane proteins and lipopolysaccharide changes. Arabian Journal of Geosciences, 2017, 10, 1.	0.6	5
31	Eco-friendly process for soft drink industries wastewater reuse as growth medium for Saccharomyces cerevisiae production. Clean Technologies and Environmental Policy, 2016, 18, 2265-2278.	2.1	12
32	Use of thermal coagulation, separation, and fermentation processes for dairy wastewater treatment. Desalination and Water Treatment, 2016, 57, 13166-13174.	1.0	13
33	Genetic Characterization of Lactic Acid Bacteria Isolated from Tunisian Milk Waste and their Antimicrobial Activity Against some Bacteria Implicated in Nosocomial Infections. Infectious Disorders - Drug Targets, 2016, 16, 182-191.	0.4	4
34	Coupling short-time sequencing batch reactor and coagulationâ€“settling process for co-treatment of landfill leachate with raw municipal wastewater. Arabian Journal of Geosciences, 2013, 6, 2071-2079.	0.6	18
35	Bio-treatment of landfill leachate having low Carbonâ€“Nitrogen ratio in a bio-film reactor packed with granular activated carbon under control of oxygen gas concentration. Desalination and Water Treatment, 2012, 37, 55-61.	1.0	4
36	Cascade bioreactor with submerged biofilm for aerobic treatment of Tunisian landfill leachate. Bioresource Technology, 2011, 102, 7700-7706.	4.8	16

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37	Microbial characterization during aerobic biological treatment of landfill leachate (Tunisia). Desalination, 2009, 246, 378-388.	4.0	28
38	Characterization and anaerobic batch reactor treatment of Jebel Chakir Landfill leachate. Desalination, 2009, 246, 417-424.	4.0	33
39	Coupling of anoxic and aerobic biological treatment of landfill leachate. Desalination, 2009, 246, 506-513.	4.0	26
40	Origin of low carbon/nitrogen ratios in leachate from old municipal solid waste landfills. Waste Management and Research, 2000, 18, 224-234.	2.2	5
41	Origin of low carbon/nitrogen ratios in leachate from old municipal solid waste landfills. Waste Management and Research, 2000, 18, 224-234.	2.2	16