

# Ismail Trabelsi

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

501  
citations

759055

12  
h-index

752573

20  
g-index

41  
all docs

41  
docs citations

41  
times ranked

697  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pyrolysis of Date palm waste in a fixed-bed reactor: Characterization of pyrolytic products. <i>Bioresource Technology</i> , 2018, 247, 363-369.	4.8	71
2	A new insight into highly contaminated landfill leachate treatment using Kefir grains pre-treatment combined with Ag-doped TiO <sub>2</sub> photocatalytic process. <i>Journal of Hazardous Materials</i> , 2020, 382, 121119.	6.5	64
3	Characterization and anaerobic batch reactor treatment of Jebel Chakir Landfill leachate. <i>Desalination</i> , 2009, 246, 417-424.	4.0	33
4	Microbial characterization during aerobic biological treatment of landfill leachate (Tunisia). <i>Desalination</i> , 2009, 246, 378-388.	4.0	28
5	Coupling of anoxic and aerobic biological treatment of landfill leachate. <i>Desalination</i> , 2009, 246, 506-513.	4.0	26
6	Tunisian landfill leachate treatment using <i>Chlorella</i> sp.: effective factors and microalgae strain performance. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	0.6	24
7	Recovery of landfill leachate as culture medium for two microalgae: <i>Chlorella</i> sp. and <i>Scenedesmus</i> sp.. <i>Environment, Development and Sustainability</i> , 2020, 22, 2651-2671.	2.7	19
8	Coupling short-time sequencing batch reactor and coagulation–settling process for co-treatment of landfill leachate with raw municipal wastewater. <i>Arabian Journal of Geosciences</i> , 2013, 6, 2071-2079.	0.6	18
9	Origin of low carbon/nitrogen ratios in leachate from old municipal solid waste landfills. <i>Waste Management and Research</i> , 2000, 18, 224-234.	2.2	16
10	Cascade bioreactor with submerged biofilm for aerobic treatment of Tunisian landfill leachate. <i>Bioresource Technology</i> , 2011, 102, 7700-7706.	4.8	16
11	Eco-friendly process combining physical–chemical and biological technics for the fermented dairy products waste pretreatment and reuse. <i>Water Science and Technology</i> , 2017, 75, 39-47.	1.2	15
12	Use of thermal coagulation, separation, and fermentation processes for dairy wastewater treatment. <i>Desalination and Water Treatment</i> , 2016, 57, 13166-13174.	1.0	13
13	Eco-friendly process for soft drink industries wastewater reuse as growth medium for <i>Saccharomyces cerevisiae</i> production. <i>Clean Technologies and Environmental Policy</i> , 2016, 18, 2265-2278.	2.1	12
14	Processed milk waste recycling via thermal pretreatment and lactic acid bacteria fermentation. <i>Environmental Science and Pollution Research</i> , 2017, 24, 13604-13613.	2.7	12
15	Electro-coagulation treatment of raw and autoclaved landfill leachate with aluminum electrodes: case study of Djebel Chakir (Tunisia). <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	0.6	11
16	Agricultural soil characterization using 2D electrical resistivity tomography (ERT) after direct and intermittent digestate application. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	0.6	11
17	Mixed culture of <i>Lactococcus lactis</i> and <i>Kluyveromyces marxianus</i> isolated from kefir grains for pollutants load removal from Jebel Chakir leachate. <i>Water Environment Research</i> , 2020, 92, 2041-2048.	1.3	11
18	Co-management of landfill leachate concentrate with brick waste by solidification/stabilization treatment. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	0.6	10

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19	Aloe sp. leaf gel and water glass for municipal wastewater sludge treatment and odour removal. <i>Water Science and Technology</i> , 2020, 81, 479-490.	1.2	10
20	Effect of liquid depth on microcontaminant removal by solar photo-Fenton with Fe(III):EDDS at neutral pH in high salinity wastewater. <i>Environmental Science and Pollution Research</i> , 2019, 26, 28071-28079.	2.7	7
21	Up-Grading Biofuel Production by Co-pyrolysis of Landfill Leachate Concentrate and Sewage Sludge Mixture. <i>Waste and Biomass Valorization</i> , 2020, 11, 291-301.	1.8	7
22	Recent technologies for leachate treatment: a review. <i>Euro-Mediterranean Journal for Environmental Integration</i> , 2021, 6, 1.	0.6	7
23	Novel approach for the use of dairy industry wastes for bacterial growth media production. <i>Journal of Environmental Management</i> , 2018, 212, 176-185.	3.8	6
24	A new practical approach for the biological treatment of a mixture of cheese whey and white wastewaters using Kefir grains. <i>Environmental Science and Pollution Research</i> , 2020, 27, 33127-33139.	2.7	6
25	Cumulative effect of sewage sludge application on soil adsorption complex and nutrient balance: a field study in semi-arid region (Oued Souhil, Tunisia). <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	0.6	6
26	Origin of low carbon/nitrogen ratios in leachate from old municipal solid waste landfills. <i>Waste Management and Research</i> , 2000, 18, 224-234.	2.2	5
27	Adaptation of <i>Shigella flexneri</i> to starvation: morphology, outer membrane proteins and lipopolysaccharide changes. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	0.6	5
28	Novel polyvinylidene fluoride/lead-doped zinc oxide adsorptive membranes for enhancement of the removal of reactive textile dye. <i>International Journal of Environmental Science and Technology</i> , 2021, 18, 2793-2804.	1.8	5
29	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 SiO <sub>2</sub> /Na <sub>2</sub> O. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	5
30	Pb doped ZnO nanoparticles for the sorption of Reactive Black 5 textile azo dye. <i>Water Science and Technology</i> , 2020, 82, 2576-2591.	1.2	5
31	Bio-treatment of landfill leachate having low Carbon/Nitrogen ratio in a bio-film reactor packed with granular activated carbon under control of oxygen gas concentration. <i>Desalination and Water Treatment</i> , 2012, 37, 55-61.	1.0	4
32	Genetic Characterization of Lactic Acid Bacteria Isolated from Tunisian Milk Waste and their Antimicrobial Activity Against some Bacteria Implicated in Nosocomial Infections. <i>Infectious Disorders - Drug Targets</i> , 2016, 16, 182-191.	0.4	4
33	Spatio-temporal distribution of physicochemical and bacteriological parameters in the north area of Monastir bay, eastern coast of Tunisia. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	0.6	3
34	Physical-chemical treatment process optimization for high polluting dairy effluents prior fermentation. <i>International Journal of Environmental Science and Technology</i> , 2018, 15, 779-790.	1.8	2
35	Valorization of residual soft drinks by baker's yeast production and insight for dairy wastewater whey incorporation. <i>Water Science and Technology</i> , 2019, 79, 635-644.	1.2	2
36	Optimal routing of household waste collection using ArcGIS application: a case study of El Bousten district, Sfax city, Tunisia. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	1

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37	Monitoring of horizontal subsurface flow constructed wetlands for tertiary treatment of municipal wastewater. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	1
38	Organic Compounds and Heavy Metals Simultaneous Removal from a Tunisian Landfill Leachate Using Dairy Rejects. <i>Advances in Science, Technology and Innovation</i> , 2018, , 327-329.	0.2	0
39	Use of natural <i>Stipa tenacissima</i> fibers for the removal of H <sub>2</sub> S in an alkaline aqueous medium. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	0.6	0
40	Detoxification of Leachate by Coagulation Treatment Prior to Fermentation and Possible Reuse in Irrigation. <i>Clean - Soil, Air, Water</i> , 2022, 50, .	0.7	0
41	Optimization of humic acid adsorption using central composite design (CCD) and principal component analysis (PCA): kinetics, isotherm, and thermodynamics studies. <i>Arabian Journal of Geosciences</i> , 2022, 15, .	0.6	0