Abdennaceur Hassen

List of Publications by Year
in descending order

70	1,100	430874 18	477307 29
papers	citations	h-index	g-index

73	73	73	1328
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Repetitive land application of urban sewage sludge: Effect of amendment rates and soil texture on fertility and degradation parameters. Catena, 2019, 172, 11-20.	5.0	91
2	Dispersal of linezolid-resistant enterococci carrying poxtA or optrA in retail meat and food-producing animals from Tunisia. Journal of Antimicrobial Chemotherapy, 2019, 74, 2865-2869.	3.0	65
3	Detection of optrA in the African continent (Tunisia) within a mosaic Enterococcus faecalis plasmid from urban wastewaters. Journal of Antimicrobial Chemotherapy, 2017, 72, 3245-3251.	3.0	61
4	High prevalence of mcr-1 encoding colistin resistance and first identification of blaCTX-M-55 in ESBL/CMY-2-producing Escherichia coli isolated from chicken faeces and retail meat in Tunisia. International Journal of Food Microbiology, 2020, 318, 108478.	4.7	58
5	Extended-spectrum Î²-lactamase-producing Enterobacteriaceae from animal origin and wastewater in Tunisia: first detection of O25b-B23-CTX-M-27-ST131 Escherichia coli and CTX-M-15/OXA-204-producing Citrobacter freundii from wastewater. Journal of Global Antimicrobial Resistance, 2019, 17, 189-194.	2.2	48
6	Biofilms in bioremediation and wastewater treatment: characterization of bacterial community structure and diversity during seasons in municipal wastewater treatment process. Environmental Science and Pollution Research, 2017, 24, 3519-3530.	5.3	40
7	Linezolid-resistant (Tn6246::fexB-poxtA) Enterococcus faecium strains colonizing humans and bovines on different continents: similarity without epidemiological link. Journal of Antimicrobial Chemotherapy, 2020, 75, 2416-2423.	3.0	34
8	Pentachlorophenol Degradation byJanibactersp., a New Actinobacterium Isolated from Saline Sediment of Arid Land. BioMed Research International, 2014, 2014, 1-9.	1.9	31
9	mcr-1 encoding colistin resistance in CTX-M-1/CTX-M-15- producing Escherichia coli isolates of bovine and caprine origins in Tunisia. First report of CTX-M-15-ST394/D E. coli from goats. Comparative Immunology, Microbiology and Infectious Diseases, 2019, 67, 101366.	1.6	29
10	Changes in Membrane Fatty Acid Composition of Pseudomonas aeruginosa in Response to UV-C Radiations. Current Microbiology, 2013, 67, 112-117.	2.2	28
11	From farm to fork: identical clones and Tn6674-like elements in linezolid-resistant Enterococcus faecalis from food-producing animals and retail meat. Journal of Antimicrobial Chemotherapy, 2020, 75, 30-35.	3.0	28
12	Molecular detection and genotypic characterization of enteric adenoviruses in a hospital wastewater. Environmental Science and Pollution Research, 2018, 25, 10977-10987.	5.3	27
13	Genetic characterization of ESBL-producing Escherichia coli and Klebsiella pneumoniae isolated from wastewater and river water in Tunisia: predominance of CTX-M-15 and high genetic diversity. Environmental Science and Pollution Research, 2020, 27, 44368-44377.	5.3	27
14	Sulfur bacteria in wastewater stabilization ponds periodically affected by the â€˜red-waterâ€™ phenomenon. Applied Microbiology and Biotechnology, 2013, 97, 379-394.	3.6	26
15	Molecular typing, antibiotic resistance, virulence gene and biofilm formation of different Salmonella enterica serotypes. Journal of General and Applied Microbiology, 2014, 60, 123-130.	0.7	25
16	Tunisian landfill leachate treatment using Chlorella sp.: effective factors and microalgae strain performance. Arabian Journal of Geosciences, 2017, 10, 1.	1.3	24
17	Comparative study on the antibiotic susceptibility and plasmid profiles of Vibrio alginolyticus strains isolated from four Tunisian marine biotopes. World Journal of Microbiology and Biotechnology, 2012, 28, 3345-3363.	3.6	23
18	Detection of Aichi virus genotype B in two lines of wastewater treatment processes. Microbial Pathogenesis, 2017, 109, 305-312.	2.9	21

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19	Genetic characterization of extended-spectrum Î²-lactamase-producing Enterobacteriaceae from a biological industrial wastewater treatment plant in Tunisia with detection of the colistin-resistance mcr-1 gene. FEMS Microbiology Ecology, 2021, 97, .	2.7	20
20	Coâ€Composting of Macrophyte Biomass and Sludge as an Alternative for Sustainable Management of Constructed Wetland Byâ€Products. Clean - Soil, Air, Water, 2016, 44, 694-702.	1.1	19
21	Staphylococcus aureus isolated from wastewater treatment plants in Tunisia: occurrence of human and animal associated lineages. Journal of Water and Health, 2017, 15, 638-643.	2.6	19
22	Recovery of landfill leachate as culture medium for two microalgae: Chlorella sp. and Scenedesmus sp.. Environment, Development and Sustainability, 2020, 22, 2651-2671.	5.0	19
23	Impact of urban sewage sludge on soil physicoâ€chemical properties and phytotoxicity as influenced by soil texture and reuse conditions. Journal of Environmental Quality, 2020, 49, 973-986.	2.0	19
24	Quantification and Genotyping of Rotavirus A within Two Wastewater Treatment Processes. Clean - Soil, Air, Water, 2016, 44, 393-401.	1.1	17
25	Detection of Sapoviruses in two biological lines of Tunisian hospital wastewater treatment. International Journal of Environmental Health Research, 2019, 29, 400-413.	2.7	17
26	Comparison of five molecular subtyping methods for differentiation of Salmonella Kentucky isolates in Tunisia. World Journal of Microbiology and Biotechnology, 2014, 30, 87-98.	3.6	16
27	Effects of 15-year application of municipal wastewater on microbial biomass, fecal pollution indicators, and heavy metals in a Tunisian calcareous soil. Journal of Soils and Sediments, 2014, 14, 155-163.	3.0	16
28	Antibiotic resistance phenotypes and virulence-associated genes in Escherichia coli isolated from animals and animal food products in Tunisia. FEMS Microbiology Letters, 2018, 365, .	1.8	15
29	Carbon mineralization, biological indicators, and phytotoxicity to assess the impact of urban sewage sludge on two lightâ€textured soils in a microcosm. Journal of Environmental Quality, 2020, 49, 460-471.	2.0	15
30	Pentachlorophenol Biodegradation by Citrobacter freundii Isolated from Forest Contaminated Soil. Water, Air, and Soil Pollution, 2016, 227, 1.	2.4	13
31	Removal of human astroviruses from hospital wastewater by two biological treatment methods: natural oxidizing lagoons and rotating biodisks. , 0, , 287-296.		13
32	Effect of genotype and growing season on nitrate accumulation and expression patterns of nitrate transporter genes in potato (Solanum tuberosumL.). Archives of Agronomy and Soil Science, 2016, 62, 1508-1520.	2.6	12
33	Genetic characterization of Staphylococcus aureus isolated from nasal samples of healthy ewes in Tunisia. High prevalence of CC130 and CC522 lineages. Comparative Immunology, Microbiology and Infectious Diseases, 2017, 51, 37-40.	1.6	12
34	Characterization of Pseudomonas aeruginosa isolated from various environmental niches: New STs and occurrence of antibiotic susceptible â€œhigh-risk clonesâ€• International Journal of Environmental Health Research, 2020, 30, 643-652.	2.7	12
35	Quantification and Molecular Characterization of Norovirus After Two Wastewater Treatment Procedures. Water, Air, and Soil Pollution, 2015, 226, 1.	2.4	11
36	Combined bioaugmentation and biostimulation techniques in bioremediation of pentachlorophenol contaminated forest soil. Chemosphere, 2022, 290, 133359.	8.2	11

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37	The performance of biological and tertiary wastewater treatment procedures for rotaviruses A removal. Environmental Science and Pollution Research, 2020, 27, 5718-5729.	5.3	10
38	Exhaustion of pentachlorophenol in soil microcosms with three Pseudomonas species as detoxification agents. Archives of Microbiology, 2021, 203, 4641-4651.	2.2	10
39	Macrophyte and indigenous bacterial co-remediation process for pentachlorophenol removal from wastewater. International Journal of Phytoremediation, 2022, 24, 271-282.	3.1	10
40	UV-C pre-adaptation of Salmonella: effect on cell morphology and membrane fatty acids composition. World Journal of Microbiology and Biotechnology, 2014, 30, 925-930.	3.6	9
41	Surfactant efficiency on pentachlorophenol-contaminated wastewater enhanced by Pseudomonas putida AJ 785569. Archives of Microbiology, 2021, 203, 5141-5152.	2.2	9
42	Microbial Biomass Improvement Following Municipal Solid Waste Compost Application in Agricultural Soil. Sustainable Development and Biodiversity, 2014, , 199-208.	1.7	9
43	The Effectiveness of Activated Sludge Procedure and UV-C254 in Norovirus Inactivation in a Tunisian Industrial Wastewater Treatment Plant. Food and Environmental Virology, 2020, 12, 250-259.	3.4	8
44	Community-level genetic profiles of actinomycetales in long-term biowaste-amended soils. Archives of Microbiology, 2020, 202, 2607-2617.	2.2	7
45	Bacterial consortium biotransformation of pentachlorophenol contaminated wastewater. Archives of Microbiology, 2021, 203, 6231-6243.	2.2	7
46	High rates of antibiotic resistance and biofilm production in Escherichia coli isolates from food products of animal and vegetable origins in Tunisia: a real threat to human health. International Journal of Environmental Health Research, 2022, 32, 406-416.	2.7	6
47	Photocatalytic and biodegradation treatments of paracetamol: investigation of the in vivo toxicity. Environmental Science and Pollution Research, 2021, 28, 14530-14545.	5.3	6
48	Chemical and Microbiological Assessment of Wastewater Discharged Along the Mediterranean Sea. Sustainability, 2022, 14, 2746.	3.2	6
49	High-Resolution Genotyping Unveils Identical Ampicillin-Resistant Enterococcus faecium Strains in Different Sources and Countries: A One Health Approach. Microorganisms, 2022, 10, 632.	3.6	6
50	Inactivation of Hepatovirus A in wastewater by 254Ânm ultraviolet-C irradiation. Environmental Science and Pollution Research, 2021, 28, 46725-46737.	5.3	5
51	Effect of Wastewater Nitrification/Denitrification Treatment on Biofilm Expansion and Ammoniaâ€Oxidizing/Denitrifying Community. Clean - Soil, Air, Water, 2015, 43, 1295-1306.	1.1	4
52	Isolation and characterization of microbial communities from a constructed wetlands system: A case study in Tunisia. African Journal of Microbiology Research, 2014, 8, 529-538.	0.4	3
53	Multidrug Resistance and the Predominance of bla_{CTX-M} in Extended Spectrum Beta-Lactamase-Producing Enterobacteriaceae of Animal and Water Origin. Journal of Molecular Microbiology and Biotechnology, 2018, 28, 201-206.	1.0	3
54	Removal of pentachlorophenol from contaminated wastewater using phytoremediation and bioaugmentation processes. Water Science and Technology, 2021, 84, 3091-3103.	2.5	3

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55	Multivariable model of an ultraviolet water disinfection system 67(2017)89-96. , 0, 67, 89-96.		3
56	Monitoring of biofilm production by Pseudomonas aeruginosa strains under different conditions of UVC irradiation and phage infection. Annals of Microbiology, 2013, 63, 433-442.	2.6	2
57	The impact of power supply frequency of a low pressure UV lamp on bacterial viability and activities. Desalination and Water Treatment, 0, , 1-7.	1.0	2
58	Nitrifyingâ€“denitrifying filters and UV-C disinfection reactor: a combined system for wastewater treatment. Environmental Technology (United Kingdom), 2017, 38, 762-771.	2.2	2
59	Co-Composting of Various Residual Organic Waste and Olive Mill Wastewater for Organic Soil Amendments. , 0, , .		2
60	Effects of heavy metals on growth and biofilm-producing abilities of Salmonella enterica isolated from Tunisia. Archives of Microbiology, 2022, 204, 225.	2.2	2
61	Modeling of ultraviolet (UV) radiation under a large pilot-scale designed for wastewater disinfection and inactivation of selected bacteria of Pseudomonas aeruginosa in a laboratory UV device. African Journal of Microbiology Research, 2014, 8, 1735-1748.	0.4	1
62	Factorial experimental design intended for the optimization of the alumina purification conditions. Journal of Molecular Structure, 2018, 1157, 567-578.	3.6	1
63	Noroviruses, Sapoviruses, and Aichi Viruses Emergence in Wastewater Associated With Viral Pandemic Gastroenteritis. , 2020, , 411-441.		1
64	Changes in the Microbial Properties of Olive Cultivated Soils under Short, Medium and Long-term Irrigation with Treated Wastewater. Asian Soil Research Journal, 0, , 1-20.	0.0	1
65	The Effects of 15-Year Treated Municipal Wastewater Irrigation on Biological Parameters of Olive Cultivated Soil (Zaouit Sousse Perimeter, Oriental Tunisia). Advances in Science, Technology and Innovation, 2018, , 307-309.	0.4	0
66	Rotaviruses, Astroviruses, and Adenoviruses Emergence and Circulation in Wastewater Causing Acute Viral Gastroenteritis. , 2020, , 443-477.		0
67	Detection of Hepatovirus a in Two Tunisian Wastewater Treatment Plants. Environmental Science and Engineering, 2021, , 887-896.	0.2	0
68	Equilibrium and Thermodynamic Adsorption Study of Basagran onto Activated Carbon Prepared from Henna Wood. Current Biotechnology, 2012, 1, 207-211.	0.4	0
69	Study of the diversity of 16Sâ€“23S rDNA internal transcribed spacer (ITS) typing of Escherichia coliÂstrains isolated from various biotopes in Tunisia. Archives of Microbiology, 2022, 204, 32.	2.2	0
70	Pentachlorophenol attenuation and biodegradation process in Tunisian forest soil. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	0