

Ahmed Ghrabi

List of Publications by Year in descending order

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61
papers

1,581
citations

304368

22
h-index

315357

38
g-index

65
all docs

65
docs citations

65
times ranked

2036
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of bacteriophage to inactivate pathogenic bacteria from wastewater. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2022, 57, 111-116.	0.9	2
2	The application of phage reactivation capacity to sens bacterial viability and activity after photocatalytic treatment. Environmental Technology (United Kingdom), 2021, 42, 1-9.	1.2	6
3	Effect of photocatalysis (TiO ₂ /UV _A) on the inactivation and inhibition of <i>Pseudomonas aeruginosa</i> virulence factors expression. Environmental Technology (United Kingdom), 2021, 42, 1-9.	1.0	10
4	Monitoring of methylene blue monomers and dimers to control the bacteriological water quality including application to photocatalysis. Environmental Science and Pollution Research, 2021, 28, 15819-15827.	2.7	1
5	Efficiency of Hybrid Process of Coagulation/Flocculation Followed by Membrane Filtration for the Treatment of Synthetic Vegetable Oil Refinery Wastewater. Environmental Science and Engineering, 2021, , 3-8.	0.1	1
6	Optimization of coagulation-flocculation process in the treatment of surface water for a maximum dissolved organic matter removal using RSM approach. Water Science and Technology: Water Supply, 2021, 21, 3042-3056.	1.0	10
7	Use of GIS based Inverse Distance Weighted interpolation to assess surface water quality: Case of Wadi El Bey, Tunisia. Environmental Technology and Innovation, 2021, 24, 101892.	3.0	57
8	First Investigation of Seasonal Concentration Behaviors and Sources Assessment of Aliphatic Hydrocarbon in Waters and Sediments from Wadi El Bey, Tunisia. Archives of Environmental Contamination and Toxicology, 2020, 78, 1-19.	2.1	7
9	Use of the catalytic complex TiO ₂ /red cabbage anthocyanins to reduce the biofilm formation by planktonic bacteria. Environmental Technology (United Kingdom), 2020, 42, 1-9.	1.2	2
10	Assessing the performances of an aerobic membrane bioreactor for textile wastewater treatment: Influence of dye mass loading rate and biomass concentration. Chemical Engineering Research and Design, 2020, 135, 364-382.	2.7	33
11	Efficiency of a coagulation/flocculation-membrane filtration hybrid process for the treatment of vegetable oil refinery wastewater for safe reuse and recovery. Chemical Engineering Research and Design, 2020, 135, 323-341.	2.7	53
12	Comparative study of Gram-negative bacteria response to solar photocatalytic inactivation. Environmental Science and Pollution Research, 2019, 26, 18961-18970.	2.7	11
13	Process optimization via response surface methodology in the physico-chemical treatment of vegetable oil refinery wastewater. Environmental Science and Pollution Research, 2019, 26, 18993-19011.	2.7	36
14	Detection of active pathogenic bacteria under stress conditions using lytic and specific phage. Water Science and Technology, 2019, 80, 282-289.	1.2	11
15	Enhancement of rhizocompetence in pathogenic bacteria removal of a constructed wetland system. Water Science and Technology, 2019, 79, 251-259.	1.2	5
16	Seasonal occurrence, source evaluation and ecological risk assessment of polycyclic aromatic hydrocarbons in industrial and agricultural effluents discharged in Wadi El Bey (Tunisia). Environmental Geochemistry and Health, 2018, 40, 1609-1627.	1.8	16
17	Occurrence, Sources and Environmental Health Risk Assessment of Polycyclic Aromatic Hydrocarbons in Domestic Effluents Discharges in Wadi El Bey (Tunisia). Advances in Science, Technology and Innovation, 2018, , 463-466.	0.2	0
18	Application of Bacteriophage and Essential Oil to Monitor Bacterial Biofilm Formation. Advances in Science, Technology and Innovation, 2018, , 273-274.	0.2	0

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19	ZnO Nanorods with High Photocatalytic and Antibacterial Activity under Solar Light Irradiation. <i>Materials</i> , 2018, 11, 2158.	1.3	24
20	Assessment of physico-chemical and microbiological surface water quality using multivariate statistical techniques: a case study of the Wadi El-Bey River, Tunisia. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	0.6	24
21	Seasonal Distribution, Source Identification, and Toxicological Risk Assessment of Polycyclic Aromatic Hydrocarbons (PAHs) in Sediments from Wadi El Bey Watershed in Tunisia. <i>Archives of Environmental Contamination and Toxicology</i> , 2017, 73, 488-510.	2.1	16
22	Occurrence, Sources and Environmental Health Risk Assessment of Polycyclic Aromatic Hydrocarbons in Agricultural and Industrial Effluent Discharges in Wadi El Bey (Tunisia). <i>Journal of Analytical & Bioanalytical Techniques</i> , 2017, 08, .	0.6	1
23	First Investigation of Seasonal Concentration Behaviors and Sources Assessment of Aliphatic Hydrocarbon in Wastewater and Sediment from Wadi El Bey, Tunisia. , 2017, 07, .		0
24	Porous Mn-doped ZnO nanoparticles for enhanced solar and visible light photocatalysis. <i>Materials and Design</i> , 2016, 101, 309-316.	3.3	165
25	Application of bioinoculation to enhance rhizocompetence of horizontal subsurface flow constructed wetland system. <i>Desalination and Water Treatment</i> , 2016, 57, 22133-22139.	1.0	5
26	Diagnosis and characteristics of water quality along the Wadi El Bey river (Tunisia). Coagulation/flocculation essays of textile effluents discharged into the Wadi. <i>Desalination and Water Treatment</i> , 2016, 57, 22166-22188.	1.0	6
27	Assessment of heavy metals pollution using multivariate statistical analysis methods in Wadi El Bey (Tunisia). <i>Desalination and Water Treatment</i> , 2016, 57, 22152-22165.	1.0	10
28	A new approach for local waste water management sanitation case study of rural school (Chorfech) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.0	2
29	Impact of influent wastewater quality on nitrogen removal rates in multistage treatment wetlands. <i>Environmental Science and Pollution Research</i> , 2015, 22, 12840-12848.	2.7	51
30	The interaction of physicochemical and biological parameters in the maturation ponds in Tunisia. <i>Desalination and Water Treatment</i> , 2015, 54, 1829-1838.	1.0	3
31	Removal kinetic of <i>Escherichia coli</i> and enterococci in a laboratory pilot scale wastewater maturation pond. <i>Water Science and Technology</i> , 2014, 69, 755-759.	1.2	28
32	Aqueous synthesis and enhanced photocatalytic activity of ZnO/Fe ₂ O ₃ heterostructures. <i>Journal of Physics and Chemistry of Solids</i> , 2014, 75, 1081-1087.	1.9	82
33	Anoxygenic phototrophic bacterial diversity within wastewater stabilization plant during "red water"™ phenomenon. <i>International Journal of Environmental Science and Technology</i> , 2013, 10, 837-846.	1.8	7
34	Multi-stage constructed wetland systems for municipal wastewater treatment. <i>Water Science and Technology</i> , 2013, 67, 1590-1598.	1.2	38
35	Aliphatic and Aromatic Biomarkers for Petroleum Hydrocarbon Investigation in Marine Sediment. <i>Journal of Petroleum Science Research</i> , 2013, 2, 145.	0.7	19
36	Removal improvement of bacteria (<i>Escherichia coli</i> and enterococci) in maturation ponds using baffles. <i>Water Science and Technology</i> , 2012, 65, 589-595.	1.2	7

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37	Greywater treatment in a submerged membrane bioreactor with gravitational filtration. <i>Desalination and Water Treatment</i> , 2012, 46, 182-187.	1.0	17
38	Assessment of wastewater-irrigated soil containing heavy metals and establishment of specific biomarkers. <i>Ecotoxicology and Environmental Safety</i> , 2012, 84, 54-62.	2.9	7
39	Investigation of Nitrification and Denitrification in the Sediment of Wastewater Stabilization Ponds. <i>Water, Air, and Soil Pollution</i> , 2011, 219, 389-399.	1.1	9
40	Molecular analysis of the spatial distribution of sulfate-reducing bacteria in three eutrophicated wastewater stabilization ponds. <i>Annals of Microbiology</i> , 2011, 61, 563-573.	1.1	1
41	Constructed wetland as a low cost and sustainable solution for wastewater treatment adapted to rural settlements: the Chorfech wastewater treatment pilot plant. <i>Water Science and Technology</i> , 2011, 63, 3006-3012.	1.2	48
42	Stress response of heavy metal mixture present in wastewater and leachate on heat shock protein 47 transfect cells. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 1637-1647.	2.2	12
43	Treatment of segregated black/grey domestic wastewater using constructed wetlands in the Mediterranean basin: the zero-m experience. <i>Water Science and Technology</i> , 2010, 61, 97-105.	1.2	55
44	Biomarkers of pollution in soils irrigated with wastewater in Tunisia. <i>WIT Transactions on Ecology and the Environment</i> , 2010, , .	0.0	0
45	Purple anoxygenic phototrophic bacteria distribution in Tunisian wastewater stabilisation plant exhibiting red water phenomenon. <i>Annals of Microbiology</i> , 2009, 59, 399-408.	1.1	7
46	Solar photocatalytic degradation of commercial textile azo dyes: Performance of pilot plant scale thin film fixed-bed reactor. <i>Desalination</i> , 2009, 246, 344-352.	4.0	59
47	Microbial characterization during aerobic biological treatment of landfill leachate (Tunisia). <i>Desalination</i> , 2009, 246, 378-388.	4.0	28
48	Characterization and anaerobic batch reactor treatment of Jebel Chakir Landfill leachate. <i>Desalination</i> , 2009, 246, 417-424.	4.0	33
49	Descriptive and multivariable analysis of the physico-chemical and biological parameters of Sfax wastewater treatment plant. <i>Desalination</i> , 2009, 246, 496-505.	4.0	17
50	Coupling of anoxic and aerobic biological treatment of landfill leachate. <i>Desalination</i> , 2009, 246, 506-513.	4.0	26
51	Stress response of mammalian cells incubated with landfill leachate. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 1084-1092.	2.2	28
52	Photocatalytic degradation of the Acid Blue 113 textile azo dye in aqueous suspensions of four commercialized TiO ₂ samples. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2008, 43, 202-209.	0.9	19
53	Degradation of recalcitrant organic contaminants by solar photocatalysis. <i>Water Science and Technology</i> , 2007, 55, 119-125.	1.2	21
54	Biological treatment of grey water using sequencing batch reactor. <i>Desalination</i> , 2007, 215, 127-132.	4.0	69

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55	Landfill leachate treatment with ozone and ozone/hydrogen peroxide systems. Journal of Hazardous Materials, 2007, 140, 316-324.	6.5	261
56	Stress Response of Mammalian Cells Incubated with Landfill Leachate. Environmental Toxicology and Chemistry, 2007, preprint, 1.	2.2	0
57	Photocatalytic Degradation of four Textile Azo Dyes in Aqueous TiO ₂ Suspensions: Practical Outcomes and Revisited Pathways. Journal of Advanced Oxidation Technologies, 2006, 9, .	0.5	1
58	Nitrogen and bacterial removal in constructed wetlands treating domestic waste water. Desalination, 2005, 185, 383-389.	4.0	77
59	Comparison of suspended and fixed photocatalytic reactor systems. Water Science and Technology, 2001, 44, 245-249.	1.2	23
60	Évaluation des taux d'accumulation et de production de boue dans des bassins de stabilisation sous climat méditerranéen: Étude de cas en Tunisie. Revue Des Sciences De L'Eau, 0, 24, 63-76.	0.2	2
61	Removal of <i>E. coli</i> and enterococci in maturation pond and kinetic modelling under sunlight conditions. Desalination and Water Treatment, 0, , 1-7.	1.0	7