Hayet Djelal

List of Publications by Year in descending order

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Version: 2024-02-01

39 papers	1,044 citations	471509 17 h-index	434195 31 g-index
39 all docs	39 docs citations	39 times ranked	1266 citing authors

#	Article	IF	Citations
1	Quantification and Environmental Assessment of Wood Ash from Biomass Power Plants: Case Study of Brittany Region in France. Sustainability, 2022, 14, 99.	3.2	4
2	An Overview of the Valorization of Aquatic Plants in Effluent Depuration through Phytoremediation Processes. Applied Microbiology, 2022, 2, 309-318.	1.6	7
3	A comprehensive review of biochar in removal of organic pollutants from wastewater: Characterization, toxicity, activation/functionalization and influencing treatment factors. Journal of Water Process Engineering, 2022, 47, 102801.	5.6	61
4	Characterization of Slaughterhouse Wastewater and Development of Treatment Techniques: A Review. Processes, 2022, 10, 1300.	2.8	19
5	The photocatalytic degradation of a binary textile dyes mixture within a new configuration of loop reactor using ZnO thin film-phytotoxicity control. Comptes Rendus Chimie, 2022, 25, 261-279.	0.5	0
6	Anaerobic co-digestion of three organic wastes under mesophilic conditions: lab-scale and pilot-scale studies. Environment, Development and Sustainability, 2021, 23, 9014-9028.	5.0	3
7	Platform molecule from sustainable raw materials; case study succinic acid. Brazilian Journal of Chemical Engineering, 2021, 38, 215-239.	1.3	8
8	Electrochemical synthesis of CuOâ€“ZnO for enhanced the degradation of Brilliant Blue (FCF) by sono-photocatalysis and sonocatalysis: kinetic and optimization study. Reaction Kinetics, Mechanisms and Catalysis, 2021, 133, 541-561.	1.7	13
9	A New Approach to Produce Succinic Acid Through a Co-Culture System. Applied Biochemistry and Biotechnology, 2021, 193, 2872-2892.	2.9	8
10	Well Knowledge of the Physiology of Actinobacillus succinogenes to Improve Succinic Acid Production. Applied Microbiology, 2021, 1, 304-328.	1.6	6
11	A novel system coupling an electro-Fenton process and an advanced biological process to remove a pharmaceutical compound, metronidazole. Journal of Hazardous Materials, 2021, 415, 125705.	12.4	40
12	Assessment of the biodegradation of doxycycline by biostimulation with addition of glucose, phenol or/and copper. Ecocycles, 2020, 6, 25-31.	0.5	3
13	ISOLATION AND IDENTIFICATION OF YEAST STRAINS FROM SUGARCANE MOLASSES, DATES AND FIGS FOR ETHANOL PRODUCTION UNDER CONDITIONS SIMULATING ALGAL HYDROLYSATE. Brazilian Journal of Chemical Engineering, 2019, 36, 157-169.	1.3	18
14	Photocatalytic Performance of CuxO/TiO2 Deposited by HiPIMS on Polyester under Visible Light LEDs: Oxidants, Ions Effect, and Reactive Oxygen Species Investigation. Materials, 2019, 12, 412.	2.9	49
15	Reactive oxygen and iron species monitoring to investigate the electro-Fenton performances. Impact of the electrochemical process on the biodegradability of metronidazole and its by-products. Chemosphere, 2018, 199, 486-494.	8.2	43
16	Electrochemical treatment of spent tan bath solution for reuse. Journal of Water Reuse and Desalination, 2018, 8, 123-134.	2.3	4
17	Enhancement of ethanol production from synthetic medium model of hydrolysate of macroalgae. Renewable Energy, 2018, 124, 3-10.	8.9	15
18	Reactive species monitoring and their contribution for removal of textile effluent with photocatalysis under UV and visible lights: Dynamics and mechanism. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 365, 94-102.	3.9	45

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19	Metronidazole removal by means of a combined system coupling an electro-Fenton process and a conventional biological treatment: By-products monitoring and performance enhancement. Journal of Hazardous Materials, 2018, 359, 85-95.	12.4	66
20	Efficiency of DMSO as hydroxyl radical probe in an Electrochemical Advanced Oxidation Process â˜' Reactive oxygen species monitoring and impact of the current density. Electrochimica Acta, 2017, 246, 1-8.	5.2	48
21	Photocatalytic performance of TiO 2 impregnated polyester for the degradation of Reactive Green 12: Implications of the surface pretreatment and the microstructure. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 346, 493-501.	3.9	25
22	Identification of strain isolated from dates (PhÅ“nix dactylifera L.) for enhancing very high gravity ethanol production. Environmental Science and Pollution Research, 2017, 24, 9886-9894.	5.3	13
23	The use of HPTLC and Direct Analysis in Real Time-Of-Flight Mass Spectrometry (DART-TOF-MS) for rapid analysis of degradation by oxidation and sonication of an azo dye. Arabian Journal of Chemistry, 2017, 10, S1619-S1628.	4.9	9
24	Cytotoxic effect of chlorpyrifos ethyl and its degradation derivatives by Pseudomonas peli strain isolated from the Oued Hamdoun River (Tunisia). Toxicology and Industrial Health, 2016, 32, 707-713.	1.4	6
25	Photocatalytic Reactors Dedicated to the Degradation of Hazardous Organic Pollutants: Kinetics, Mechanistic Aspects, and Design â€“ A Review. Chemical Engineering Communications, 2016, 203, 1415-1431.	2.6	65
26	Dark fermentative hydrogen production by anaerobic sludge growing on glucose and ammonium resulting from nitrate electroreduction. International Journal of Hydrogen Energy, 2016, 41, 5445-5455.	7.1	39
27	Energetic valorization of ammonium resulting from nitrate electrochemical reductionâ€"Feasibility of biohydrogen production. Biochemical Engineering Journal, 2015, 94, 145-152.	3.6	5
28	Combination of Electro-Coagulation and biological treatment by bioaugmentation for landfill leachate. Desalination and Water Treatment, 2015, 54, 2986-2993.	1.0	15
29	Treatment process and toxicities assessment of wastewater issued from anaerobic digestion of household wastes. Environmental Science and Pollution Research, 2014, 21, 2437-2447.	5.3	11
30	Potential of newly isolated wildStreptomycesstrains as agents for the biodegradation of a recalcitrant pharmaceutical, carbamazepine. Environmental Technology (United Kingdom), 2014, 35, 3082-3091.	2.2	57
31	Residue of dates from the food industry as a new cheap feedstock for ethanol production. Biomass and Bioenergy, 2014, 69, 66-70.	5.7	26
32	Treatment of landfill leachate with high proportion of refractory materials by electrocoagulation: System performances and sludge settling characteristics. Journal of Environmental Chemical Engineering, 2014, 2, 1551-1557.	6.7	63
33	Electro-Fenton pretreatment for the improvement of tylosin biodegradability. Environmental Science and Pollution Research, 2014, 21, 8534-8542.	5.3	31
34	Biodegradation by bioaugmentation of dairy wastewater by fungal consortium on a bioreactor lab-scale and on a pilot-scale. Journal of Environmental Sciences, 2013, 25, 1906-1912.	6.1	39
35	Tetracycline degradation and mineralization by the coupling of an electroâ€Fenton pretreatment and a biological process. Journal of Chemical Technology and Biotechnology, 2013, 88, 1380-1386.	3.2	82
36	Impact of an osmotic stress on the intracellular volume of Hansenula anomala. Annals of Microbiology, 2012, 62, 1345-1351.	2.6	2

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37	Bioaugmentation: Possible solution in the treatment of Bio-Refractory Organic Compounds (Bio-ROCs). Biochemical Engineering Journal, 2012, 69, 75-86.	3.6	89
38	Continuous culture for the bioproduction of glycerol and ethanol by Hansenula anomala growing under salt stress conditions. Annals of Microbiology, 2012, 62, 49-54.	2.6	5
39	Simultaneous biosorption of the two synthetic dyes, Direct Red 89 and Reactive Green 12 using nonliving macrophyteL. gibbaL.. Desalination and Water Treatment, 0, , 1-9.	1.0	2