Habib Chouchane

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Gamma irradiation-induced degradation and mineralization of methocarbamol in aqueous solution. Environmental Technology (United Kingdom), 2023, 44, 2856-2863.	2.2	2
2	Kinetic and mechanism investigation on the gamma irradiation induced degradation of quizalofop-p-ethyl. Environmental Technology (United Kingdom), 2022, 43, 4147-4155.	2.2	6
3	Extremophilic Bacterium Halomonas desertis G11 as a Cell Factory for Poly-3-Hydroxybutyrate-co-3-Hydroxyvalerate Copolymer's Production. Frontiers in Bioengineering and Biotechnology, 2022, 10, .	4.1	5
4	Microbial and Enzymatic Bioconversion of Tannery Wastes: Progress Toward a Circular Economy in the Leather Industry. , 2021, , 387-415.		0
5	Decolorization of textile azo dye Novacron Red using bacterial monoculture and consortium: Response surface methodology optimization. Water Environment Research, 2021, 93, 1346-1360.	2.7	5
6	Genomic characterization of a polyvalent hydrocarbonoclastic bacterium Pseudomonas sp. strain BUN14. Scientific Reports, 2021, 11, 8124.	3.3	9
7	Effect of Gamma Irradiation on Enhanced Biological Activities of Exopolysaccharide from Halomonas desertis G11: Biochemical and Genomic Insights. Polymers, 2021, 13, 3798.	4.5	4
8	Unravelling the characteristics of a heteropolysaccharide–protein from an Haloarchaeal strain with flocculation effectiveness in heavy metals and dyes removal. Environmental Technology (United) Tj ETQq0 0 0 rg	BT2/@verlc	ockiðo Tf 50
9	Carboxymethyl Cellulase Production by Extremotolerant Bacteria in Low-Cost Media and Application in Enzymatic Saccharification of Stevia Biomass. Waste and Biomass Valorization, 2020, 11, 2111-2122.	3.4	11
10	Allochthonous and Autochthonous Halothermotolerant Bioanodes From Hypersaline Sediment and Textile Wastewater: A Promising Microbial Electrochemical Process for Energy Recovery Coupled With Real Textile Wastewater Treatment. Frontiers in Bioengineering and Biotechnology, 2020, 8, 609446.	4.1	5
11	Carboxymethylated Sulfated Heteroexopolysaccharide from a Haloarchaeal Strain as Potential Biomolecule for Harmless Adjuvant Therapy in Cancer Treatment. Journal of Chemistry, 2020, 2020, 1-12.	1.9	5
12	Use of plant growth promoting bacteria as an efficient biotechnological tool to enhance the biomass and secondary metabolites production of the industrial crop Pelargonium graveolens L'Hér. under semi-controlled conditions. Industrial Crops and Products, 2020, 154, 112721.	5.2	30
13	New Plant Growth-Promoting, Chromium-Detoxifying Microbacterium Species Isolated From a Tannery Wastewater: Performance and Genomic Insights. Frontiers in Bioengineering and Biotechnology, 2020, 8, 521.	4.1	17
14	Bioelectrochemical vs hydrogenophilic approach for CO2 reduction into methane and acetate. Chemical Engineering Journal, 2020, 396, 125243.	12.7	27
15	Radiation-inducible radioprotective exopolysaccharides of <i>Bacillus siamensis</i> CV5 from irradiated roots of <i>Cistanche violacea</i> to decrease free radical damage produced by ionizing radiation. International Journal of Radiation Biology, 2019, 95, 1552-1563.	1.8	12
16	Peptides Fixing Industrial Textile Dyes: A New Biochemical Method in Wastewater Treatment. Journal of Chemistry, 2019, 2019, 1-7.	1.9	16
17	Magnetite nanoparticles enhance the bioelectrochemical treatment of municipal sewage by facilitating the syntrophic oxidation of volatile fatty acids. Journal of Chemical Technology and Biotechnology, 2019, 94, 3134-3146.	3.2	11

Understanding the cumulative effects of salinity, temperature and inoculation size for the design of optimal halothermotolerant bioanodes from hypersaline sediments. Bioelectrochemistry, 2019, 129, 4.6 10 179-188.

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#	Article	IF	CITATIONS
19	Genome analysis provides insights into crude oil degradation and biosurfactant production by extremely halotolerant Halomonas desertis G11 isolated from Chott El-Djerid salt-lake in Tunisian desert. Genomics, 2019, 111, 1802-1814.	2.9	42
20	Recent advances in textile wastewater treatment using microbial consortia. Journal of Textile Engineering & Fashion Technology, 2019, 5, .	0.3	14
21	A novel thermally stable heteropolysaccharide-based bioflocculant from hydrocarbonoclastic strain <i>Kocuria rosea</i> BU22S and its application in dye removal. Environmental Technology (United) Tj ETQq1 1 0.	78242814 r	gB₮dOverloc
22	Pseudomonas rhizophila S211, a New Plant Growth-Promoting Rhizobacterium with Potential in Pesticide-Bioremediation. Frontiers in Microbiology, 2018, 9, 34.	3.5	74
23	Extremophile Diversity and Biotechnological Potential from Desert Environments and Saline Systems of Southern Tunisia. , 2018, , 33-64.		6
24	Diversity, ecological distribution and biotechnological potential of Actinobacteria inhabiting seamounts and non-seamounts in the Tyrrhenian Sea. Microbiological Research, 2016, 186-187, 71-80.	5.3	19
25	Pseudomonas extremorientalis BU118: a new salt-tolerant laccase-secreting bacterium with biotechnological potential in textile azo dye decolourization. 3 Biotech, 2016, 6, 107.	2.2	54
26	Optimization of enzymatic saccharification of Chaetomorpha linum biomass for the production of macroalgae-based third generation bioethanol. AIMS Bioengineering, 2016, 3, 400-411.	1.1	17
27	Sustainable bioethanol production from enzymatically hydrolyzed second-generation Posidonia oceanica waste using stable Microbacterium metallidurans carbohydrate-active enzymes as biocatalysts. Biomass Conversion and Biorefinery, 0, , .	4.6	1