

# Habib Chouchane

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

438  
citations

840585

11  
h-index

752573

20  
g-index

27  
all docs

27  
docs citations

27  
times ranked

464  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Pseudomonas rhizophila</i> S211, a New Plant Growth-Promoting Rhizobacterium with Potential in Pesticide-Bioremediation. <i>Frontiers in Microbiology</i> , 2018, 9, 34.	1.5	74
2	<i>Pseudomonas extremorientalis</i> BU118: a new salt-tolerant laccase-secreting bacterium with biotechnological potential in textile azo dye decolourization. <i>3 Biotech</i> , 2016, 6, 107.	1.1	54
3	Genome analysis provides insights into crude oil degradation and biosurfactant production by extremely halotolerant <i>Halomonas desertis</i> G11 isolated from Chott El-Djerid salt-lake in Tunisian desert. <i>Genomics</i> , 2019, 111, 1802-1814.	1.3	42
4	Use of plant growth promoting bacteria as an efficient biotechnological tool to enhance the biomass and secondary metabolites production of the industrial crop <i>Pelargonium graveolens</i> L'HÃ©r. under semi-controlled conditions. <i>Industrial Crops and Products</i> , 2020, 154, 112721.	2.5	30
5	Bioelectrochemical vs hydrogenophilic approach for CO <sub>2</sub> reduction into methane and acetate. <i>Chemical Engineering Journal</i> , 2020, 396, 125243.	6.6	27
6	A novel thermally stable heteropolysaccharide-based bioflocculant from hydrocarbonoclastic strain <i>Kocuria rosea</i> BU22S and its application in dye removal. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 1075-1084.	1.0	10
7	Diversity, ecological distribution and biotechnological potential of Actinobacteria inhabiting seamounts and non-seamounts in the Tyrrhenian Sea. <i>Microbiological Research</i> , 2016, 186-187, 71-80.	2.5	19
8	New Plant Growth-Promoting, Chromium-Detoxifying Microbacterium Species Isolated From a Tannery Wastewater: Performance and Genomic Insights. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 521.	2.0	17
9	Optimization of enzymatic saccharification of <i>Chaetomorpha linum</i> biomass for the production of macroalgae-based third generation bioethanol. <i>AIMS Bioengineering</i> , 2016, 3, 400-411.	0.6	17
10	Peptides Fixing Industrial Textile Dyes: A New Biochemical Method in Wastewater Treatment. <i>Journal of Chemistry</i> , 2019, 2019, 1-7.	0.9	16
11	Recent advances in textile wastewater treatment using microbial consortia. <i>Journal of Textile Engineering &amp; Fashion Technology</i> , 2019, 5, .	0.1	14
12	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. <i>International Journal of Radiation Biology</i> , 2019, 95, 1552-1563.	1.0	12
13	Magnetite nanoparticles enhance the bioelectrochemical treatment of municipal sewage by facilitating the syntrophic oxidation of volatile fatty acids. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 3134-3146.	1.6	11
14	Carboxymethyl Cellulase Production by Extremotolerant Bacteria in Low-Cost Media and Application in Enzymatic Saccharification of Stevia Biomass. <i>Waste and Biomass Valorization</i> , 2020, 11, 2111-2122.	1.8	11
15	Understanding the cumulative effects of salinity, temperature and inoculation size for the design of optimal halothermotolerant bioanodes from hypersaline sediments. <i>Bioelectrochemistry</i> , 2019, 129, 179-188.	2.4	10
16	Unravelling the characteristics of a heteropolysaccharide-protein from an Haloarchaeal strain with flocculation effectiveness in heavy metals and dyes removal. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 1075-1084.	1.0	10
17	Genomic characterization of a polyvalent hydrocarbonoclastic bacterium <i>Pseudomonas</i> sp. strain BUN14. <i>Scientific Reports</i> , 2021, 11, 8124.	1.6	9
18	Kinetic and mechanism investigation on the gamma irradiation induced degradation of quizalofop-p-ethyl. <i>Environmental Technology (United Kingdom)</i> , 2022, 43, 4147-4155.	1.2	6

#	ARTICLE	IF	CITATIONS
19	Extremophile Diversity and Biotechnological Potential from Desert Environments and Saline Systems of Southern Tunisia. , 2018, , 33-64.		6
20	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. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 609446.	2.0	5
21	Carboxymethylated Sulfated Heteroexopolysaccharide from a Haloarchaeal Strain as Potential Biomolecule for Harmless Adjuvant Therapy in Cancer Treatment. <i>Journal of Chemistry</i> , 2020, 2020, 1-12.	0.9	5
22	Decolorization of textile azo dye Novacron Red using bacterial monoculture and consortium: Response surface methodology optimization. <i>Water Environment Research</i> , 2021, 93, 1346-1360.	1.3	5
23	Extremophilic Bacterium <i>Halomonas desertis</i> G11 as a Cell Factory for Poly-3-Hydroxybutyrate-co-3-Hydroxyvalerate Copolymerâ€™s Production. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, .	2.0	5
24	Effect of Gamma Irradiation on Enhanced Biological Activities of Exopolysaccharide from <i>Halomonas desertis</i> G11: Biochemical and Genomic Insights. <i>Polymers</i> , 2021, 13, 3798.	2.0	4
25	Gamma irradiation-induced degradation and mineralization of methocarbamol in aqueous solution. <i>Environmental Technology (United Kingdom)</i> , 2023, 44, 2856-2863.	1.2	2
26	Sustainable bioethanol production from enzymatically hydrolyzed second-generation <i>Posidonia oceanica</i> waste using stable <i>Microbacterium metallidurans</i> carbohydrate-active enzymes as biocatalysts. <i>Biomass Conversion and Biorefinery</i> , 0, , .	2.9	1
27	Microbial and Enzymatic Bioconversion of Tannery Wastes: Progress Toward a Circular Economy in the Leather Industry. , 2021, , 387-415.		0