

Nabil Zouari

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71
papers

906
citations

19
h-index

24
g-index

73
ext. papers

1,123
ext. citations

4.5
avg, IF

4.72
L-index

#	Paper	IF	Citations
71	Study of the δ -endotoxins produced by three recently isolated strains of <i>Bacillus thuringiensis</i> . <i>FEMS Microbiology Letters</i> , 1996 , 145, 349-354	2.9	54
70	Cloning and nucleotide sequence of a novel cry1Aa-type gene from <i>Bacillus thuringiensis</i> subsp. <i>kurstaki</i> . <i>Biotechnology Letters</i> , 1999 , 21, 771-775	3	36
69	Isolation, differentiation and biodiversity of ureolytic bacteria of Qatari soil and their potential in microbially induced calcite precipitation (MICP) for soil stabilization.. <i>RSC Advances</i> , 2018 , 8, 5854-5863	3.7	32
68	Production and characterization of metalloproteases synthesized concomitantly with δ -endotoxin by <i>Bacillus thuringiensis</i> subsp. <i>kurstaki</i> strain grown on gruel-based media. <i>Enzyme and Microbial Technology</i> , 1999 , 25, 364-371	3.8	31
67	Production of delta-endotoxins by <i>Bacillus thuringiensis</i> strains exhibiting various insecticidal activities towards lepidoptera and diptera in gruel and fish meal media. <i>Enzyme and Microbial Technology</i> , 2002 , 31, 411-418	3.8	29
66	Decolorization of olive oil mill effluent by physical and chemical treatment prior to anaerobic digestion. <i>Journal of Chemical Technology and Biotechnology</i> , 1998 , 73, 297-303	3.5	28
65	Production of delta-endotoxin by <i>Bacillus thuringiensis</i> subsp <i>kurstaki</i> and overcoming of catabolite repression by using highly concentrated gruel and fish meal media in 2- and 20-dm ³ fermenters. <i>Journal of Chemical Technology and Biotechnology</i> , 2002 , 77, 877-882	3.5	28
64	Investigating the effect of temperature on calcium sulfate scaling of reverse osmosis membranes using FTIR, SEM-EDX and multivariate analysis. <i>Science of the Total Environment</i> , 2020 , 703, 134726	10.2	27
63	Improvement of <i>Bacillus thuringiensis</i> delta-endotoxin production by overcome of carbon catabolite repression through adequate control of aeration. <i>Enzyme and Microbial Technology</i> , 2007 , 40, 614-622	3.8	26
62	Evaluating the effect of antiscalants on membrane biofouling using FTIR and multivariate analysis. <i>Biofouling</i> , 2019 , 35, 1-14	3.3	25
61	Removal of boron from water using adsorbents derived from waste tire rubber. <i>Journal of Environmental Chemical Engineering</i> , 2019 , 7, 102948	6.8	24
60	Environmental Burkholderia cepacia strain Cs5 acting by two analogous alkyl-quinolones and a didecyl-phthalate against a broad spectrum of phytopathogens fungi. <i>Current Microbiology</i> , 2011 , 62, 1490-5	2.4	24
59	Integration of a recombinant chitinase into <i>Bacillus thuringiensis</i> parasporal insecticidal crystal. <i>Current Microbiology</i> , 2011 , 62, 281-8	2.4	23
58	Involvement of oxidative stress and growth at high cell density in the viable but nonculturable state of <i>Photobacterium temperata</i> ssp. <i>temperata</i> strain K122. <i>Process Biochemistry</i> , 2010 , 45, 706-713	4.8	23
57	Purification and properties of two laccase isoenzymes produced by <i>Botrytis cinerea</i> . <i>Applied Biochemistry and Biotechnology</i> , 1987 , 15, 213-225	3.2	23
56	Evidence of a Role for Aerobic Bacteria in High Magnesium Carbonate Formation in the Evaporitic Environment of Dohat Faishakh Sabkha in Qatar. <i>Frontiers in Environmental Science</i> , 2017 , 5,	4.8	22
55	Functionalization of reverse osmosis membrane with graphene oxide and polyacrylic acid to control biofouling and mineral scaling. <i>Science of the Total Environment</i> , 2020 , 736, 139500	10.2	22

54	Source identification of beached oil at Al Zubarah, Northwestern Qatar. <i>Journal of Petroleum Science and Engineering</i> , 2017 , 149, 107-113	4.4	21
53	Purification and immunological characterization of particular delta-endotoxins from three strains of <i>Bacillus thuringiensis</i> . <i>Biotechnology Letters</i> , 1997 , 19, 825-829	3	21
52	Isolation, identification and biodiversity of antiscalant degrading seawater bacteria using MALDI-TOF-MS and multivariate analysis. <i>Science of the Total Environment</i> , 2019 , 656, 910-920	10.2	17
51	Considering the Specific Impact of Harsh Conditions and Oil Weathering on Diversity, Adaptation, and Activity of Hydrocarbon-Degrading Bacteria in Strategies of Bioremediation of Harsh Oily-Polluted Soils. <i>BioMed Research International</i> , 2017 , 2017, 8649350	3	16
50	Functionalization of reverse osmosis membrane with graphene oxide to reduce both membrane scaling and biofouling. <i>Carbon</i> , 2020 , 166, 374-387	10.4	15
49	Microbially induced calcite precipitation in calcareous soils by endogenous <i>Bacillus cereus</i> , at high pH and harsh weather. <i>Journal of Environmental Management</i> , 2020 , 257, 109965	7.9	15
48	Characterization of the extracellular polymeric substances (EPS) of <i>Virgibacillus</i> strains capable of mediating the formation of high Mg-calcite and protodolomite. <i>Marine Chemistry</i> , 2019 , 216, 103693	3.7	14
47	A MALDI-TOF study of bio-remediation in highly weathered oil contaminated soils. <i>Journal of Petroleum Science and Engineering</i> , 2018 , 168, 569-576	4.4	14
46	Identification and overcome of limitations of weathered oil hydrocarbons bioremediation by an adapted <i>Bacillus sorensis</i> strain. <i>Journal of Environmental Management</i> , 2019 , 250, 109455	7.9	13
45	Multiple linear regression and artificial neural networks for delta-endotoxin and protease yields modelling of <i>Bacillus thuringiensis</i> . <i>3 Biotech</i> , 2017 , 7, 187	2.8	13
44	Medium optimization of antifungal activity production by <i>Bacillus amyloliquefaciens</i> using statistical experimental design. <i>Preparative Biochemistry and Biotechnology</i> , 2012 , 42, 267-78	2.4	12
43	Antifungal activities of an endophytic <i>Pseudomonas fluorescens</i> strain Pf1TZ harbouring genes from pyoluteorin and phenazine clusters. <i>Biotechnology Letters</i> , 2010 , 32, 1279-85	3	12
42	Combinatorial effect of mutagenesis and medium component optimization on <i>Bacillus amyloliquefaciens</i> antifungal activity and efficacy in eradicating <i>Botrytis cinerea</i> . <i>Microbiological Research</i> , 2017 , 197, 29-38	5.3	11
41	An integrated approach for produced water treatment using microemulsions modified activated carbon. <i>Journal of Water Process Engineering</i> , 2019 , 31, 100830	6.7	11
40	The use of principle component analysis and MALDI-TOF MS for the differentiation of mineral forming and species isolated from sabkhas.. <i>RSC Advances</i> , 2020 , 10, 14606-14616	3.7	11
39	Correlation between synthesis variation of 2-alkylquinolones and the antifungal activity of a <i>Burkholderia cepacia</i> strain collection. <i>World Journal of Microbiology and Biotechnology</i> , 2012 , 28, 275-81	4.4	11
38	Correlation between delta-endotoxin and proteolytic activities produced by <i>Bacillus thuringiensis</i> var. <i>kurstaki</i> growing in an economic production medium. <i>Biocontrol Science and Technology</i> , 2013 , 23, 756-767	1.7	11
37	Potential of <i>Photobacterium temperata</i> K122 bioinsecticide in protecting wheat flour against <i>Ephesia kuehniella</i> . <i>Journal of Stored Products Research</i> , 2013 , 53, 61-66	2.5	11

36	Medium optimization for biomass production and morphology variance overcome of <i>Photobacterium</i> <i>temperata</i> ssp. <i>temperata</i> strain K122. <i>Process Biochemistry</i> , 2008 , 43, 1338-1344	4.8	11
35	Statistical Analysis of Cultural Parameters Influencing Delta-Endotoxins and Proteases Productions by <i>Bacillus thuringiensis</i> kurstaki. <i>Arabian Journal for Science and Engineering</i> , 2016 , 41, 1-8		10
34	Overproduction of delta-endotoxins by sporeless <i>Bacillus thuringiensis</i> mutants obtained by nitrous acid mutagenesis. <i>Current Microbiology</i> , 2011 , 62, 38-43	2.4	10
33	Effect of concentration of calcium and sulfate ions on gypsum scaling of reverse osmosis membrane, mechanistic study. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 13459-13473	5.5	9
32	Improvement of <i>Bacillus thuringiensis</i> bioinsecticide production by sporeless and sporulating strains using response surface methodology. <i>New Biotechnology</i> , 2011 , 28, 705-12	6.4	9
31	Improvement of <i>Bacillus thuringiensis</i> bacteriocin production through culture conditions optimization. <i>Preparative Biochemistry and Biotechnology</i> , 2009 , 39, 400-12	2.4	9
30	Use of DPSIR Framework to Analyze Water Resources in Qatar and Overview of Reverse Osmosis as an Environment Friendly Technology. <i>Environmental Progress and Sustainable Energy</i> , 2019 , 38, 13081	2.5	9
29	Removal of Toxic Elements and Microbial Contaminants from Groundwater Using Low-Cost Treatment Options. <i>Current Pollution Reports</i> , 2021 , 7, 300-324	7.6	8
28	Improvement of bioinsecticides production by sporeless <i>Bacillus thuringiensis</i> strains in response to various stresses in low cost medium. <i>Current Microbiology</i> , 2011 , 62, 1467-77	2.4	7
27	Adsorptive batch and biological treatments of produced water: Recent progresses, challenges, and potentials. <i>Journal of Environmental Management</i> , 2021 , 290, 112527	7.9	7
26	Influence of temperature, salinity and Mg:Ca ratio on microbially-mediated formation of Mg-rich carbonates by <i>Virgibacillus</i> strains isolated from a sabkha environment. <i>Scientific Reports</i> , 2019 , 9, 19633	4.9	7
25	Evidencing the diversity and needs of adjustment of the nutritional requirements for hydrocarbon-degrading activity of <i>Pseudomonas aeruginosa</i> adapted to harsh conditions using 2n full factorial design. <i>RSC Advances</i> , 2017 , 7, 45920-45931	3.7	6
24	Investigating the microorganisms-calcium sulfate interaction in reverse osmosis systems using SEM-EDX technique. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 103963	6.8	6
23	Treatment of Sand Using Microbial-Induced Carbonate Precipitation (MICP) for Wind Erosion Application 2018 ,		6
22	Overcoming the production limitations of <i>Photobacterium</i> <i>temperata</i> ssp. <i>temperata</i> strain K122 bioinsecticides in low-cost medium. <i>Bioprocess and Biosystems Engineering</i> , 2011 , 34, 1039-47	3.7	6
21	Potential for native hydrocarbon-degrading bacteria to remediate highly weathered oil-polluted soils in Qatar through self-purification and bioaugmentation in biopiles. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2020 , 28, e00543	5.3	6
20	Overcome of Carbon Catabolite Repression of Bioinsecticides Production by Sporeless <i>Bacillus thuringiensis</i> through Adequate Fermentation Technology. <i>Biotechnology Research International</i> , 2014 , 2014, 698587		5
19	Application of statistical experimental design for optimisation of bioinsecticides production by sporeless <i>Bacillus thuringiensis</i> strain on cheap medium. <i>Brazilian Journal of Microbiology</i> , 2013 , 44, 927-33	2.2	5

18	A continuous-flow method for the rapid determination of sanitary quality of grape must at industrial scales. <i>Journal of Chemical Technology and Biotechnology</i> , 2007 , 41, 243-248	3.5	4
17	Continuous-flow estimation of laccase activity in rotten grape juice by a computerized electrode. <i>Journal of Chemical Technology and Biotechnology</i> , 2007 , 40, 195-201	3.5	4
16	Laccase electrode for the continuous-flow determination of phenolic compounds. <i>Biotechnology Letters</i> , 1994 , 8, 503		4
15	Isolation, Screening and Activity of Hydrocarbon-Degrading Bacteria from Harsh Soils		4
14	Interaction of seawater microorganisms with scalants and antiscalants in reverse osmosis systems. <i>Desalination</i> , 2020 , 487, 114480	10.3	4
13	Minimizing Wind Erosion Using Microbial Induced Carbonate Precipitation 2019 ,		3
12	Improvement of <i>Photobacterium</i> <i>tempurata</i> strain K122 bioinsecticide production by batch and fed-batch fermentations optimization. <i>Bioprocess and Biosystems Engineering</i> , 2012 , 35, 1505-13	3.7	3
11	Improvement of <i>Bacillus thuringiensis</i> delta-endotoxins synthesis yields through acquisition of erythromycin resistance. <i>Biotechnology Letters</i> , 2006 , 28, 315-9	3	3
10	Evaluation by MALDI-TOF MS and PCA of the diversity of biosurfactants and their producing bacteria, as adaption to weathered oil components. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2021 , 31, e00660	5.3	3
9	Study of bacterial interactions in reconstituted hydrocarbon-degrading bacterial consortia from a local collection, for the bioremediation of weathered oily-soils. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2021 , 29, e00598	5.3	2
8	Date pits based nanomaterials for thermal insulation applications-Towards energy efficient buildings in Qatar. <i>PLoS ONE</i> , 2021 , 16, e0247608	3.7	2
7	Isolation and Identification of Organics-Degrading Bacteria From Gas-to-Liquid Process Water. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 603305	5.8	2
6	Nutritional Requirements to Improve Delta-Endotoxins Production of <i>Bacillus thuringiensis</i> var. <i>kurstaki</i> Using Mixed Designs Modelling. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2017 , 87, 307-314	1.4	1
5	Improvement of <i>Photobacterium</i> <i>tempurata</i> bioinsecticides production in low-cost media through adequate fermentation technology. <i>Biotechnology Progress</i> , 2012 , 28, 1278-84	2.8	1
4	Systematic laboratory approach to produce Mg-rich carbonates at low temperature.. <i>RSC Advances</i> , 2021 , 11, 37029-37039	3.7	1
3	Optimization of bioinsecticides overproduction by <i>Bacillus thuringiensis</i> subsp. <i>kurstaki</i> using linear regression. <i>Polish Journal of Microbiology</i> , 2013 , 62, 287-93	1.8	1
2	Bio self-healing concrete using MICP by an indigenous <i>Bacillus cereus</i> strain isolated from Qatari soil. <i>Construction and Building Materials</i> , 2022 , 328, 126943	6.7	1
1	Investigating the simultaneous removal of hydrocarbons and heavy metals by highly adapted <i>Bacillus</i> and <i>Pseudomonas</i> strains. <i>Environmental Technology and Innovation</i> , 2022 , 27, 102513	7	1

