

Slim Tounsi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

68

papers

853

citations

17

h-index

26

g-index

71

ext. papers

1,093

ext. citations

4.1

avg, IF

4.62

L-index

#	Paper	IF	Citations
68	Thymol-enriched extract from <i>Thymus vulgaris</i> L leaves: Green extraction processes and antiaggregant effects on human platelets.. <i>Bioorganic Chemistry</i> , 2022 , 125, 105858	5.1	0
67	Two Novel Strains (and Species) with Promising Potential for the Biocontrol of , the Causal Agent of Septoria Tritici Blotch of Wheat. <i>BioMed Research International</i> , 2021 , 2021, 6611657	3	2
66	Halotolerant <i>Bacillus spizizenii</i> FMH45 promoting growth, physiological, and antioxidant parameters of tomato plants exposed to salt stress. <i>Plant Cell Reports</i> , 2021 , 40, 1199-1213	5.1	6
65	Acidic pretreatment as a chemical approach for enhanced <i>Photorhabdus temperata</i> bioinsecticide production from industrial wastewater. <i>Journal of Environmental Management</i> , 2021 , 278, 111476	7.9	3
64	Biological potential of <i>Bacillus subtilis</i> V26 for the control of <i>Fusarium</i> wilt and tuber dry rot on potato caused by <i>Fusarium</i> species and the promotion of plant growth. <i>Biological Control</i> , 2021 , 152, 104444	3.8	19
63	Endophytic halotolerant <i>Bacillus velezensis</i> FMH2 alleviates salt stress on tomato plants by improving plant growth and altering physiological and antioxidant responses. <i>Plant Physiology and Biochemistry</i> , 2021 , 165, 217-227	5.4	4
62	Development of a cost-effective medium for <i>Photorhabdus temperata</i> bioinsecticide production from wastewater and exploration of performance kinetic. <i>Scientific Reports</i> , 2021 , 11, 779	4.9	3
61	<i>Agrobacterium tumefaciens</i> C58 presence affects <i>Bacillus velezensis</i> 32a ecological fitness in the tomato rhizosphere. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 28429-28437	5.1	2
60	Biosurfactant produced by <i>Bacillus subtilis</i> V26: a potential biological control approach for sustainable agriculture development. <i>Organic Agriculture</i> , 2020 , 10, 117-124	1.7	7
59	Overproduction of Glucose Oxidase by CTM 507 Randomly Obtained Mutants and Study of Its Insecticidal Activity against. <i>BioMed Research International</i> , 2020 , 2020, 9716581	3	0
58	The endophytic strain <i>Bacillus velezensis</i> OEE1: An efficient biocontrol agent against <i>Verticillium</i> wilt of olive and a potential plant growth promoting bacteria. <i>Biological Control</i> , 2020 , 142, 104168	3.8	30
57	Potential of a novel endophytic <i>Bacillus velezensis</i> in tomato growth promotion and protection against <i>Verticillium</i> wilt disease. <i>Biological Control</i> , 2019 , 139, 104092	3.8	26
56	Abiotic stress resistance, plant growth promotion and antifungal potential of halotolerant bacteria from a Tunisian solar saltern. <i>Microbiological Research</i> , 2019 , 229, 126331	5.3	16
55	Chemical Composition and Acaricidal Activity of the Essential Oils of Some Plant Species of and against the Vector of Tropical Bovine Theileriosis: (syn.). <i>BioMed Research International</i> , 2019 , 2019, 7805467	3	9
54	<i>Emex spinosa</i> (L.) Campd. ethyl acetate fractions effects on inflammation and oxidative stress markers in carrageenan induced paw oedema in mice. <i>Journal of Ethnopharmacology</i> , 2019 , 234, 216-224 ⁵		10
53	Molecular and structural characterization of a novel Cry1D toxin from <i>Bacillus thuringiensis</i> with high toxicity to <i>Spodoptera littoralis</i> (Lepidoptera: Noctuidae). <i>International Journal of Biological Macromolecules</i> , 2019 , 126, 969-976	7.9	
52	The combinatory effect of Cyt1Aa flexibility and specificity against dipteran larvae improves the toxicity of <i>Bacillus thuringiensis kurstaki</i> toxins. <i>International Journal of Biological Macromolecules</i> , 2019 , 123, 42-49	7.9	2

51	Inoculum type affect the efficacy of the endophytic <i>Bacillus amyloliquefaciens</i> subsp. <i>plantarum</i> strain 32a against the plant pathogen <i>Agrobacterium tumefaciens</i> . <i>Applied Soil Ecology</i> , 2019 , 134, 25-30 ⁵		5
50	Insecticidal activity, putative binding proteins and histopathological effects of <i>Bacillus thuringiensis</i> Vip3(459) toxin on the lepidopteran pest <i>Ectomyelois ceratoniae</i> . <i>Acta Tropica</i> , 2018 , 182, 60-63	3.2	2
49	Comparative analysis of the susceptibility/tolerance of <i>Spodoptera littoralis</i> to Vip3Aa, Vip3Ae, Vip3Ad and Vip3Af toxins of <i>Bacillus thuringiensis</i> . <i>Journal of Invertebrate Pathology</i> , 2018 , 152, 30-34	2.6	3
48	Molecular characterization of Cry1D-133 toxin from <i>Bacillus thuringiensis</i> strain HD133 and its toxicity against <i>Spodoptera littoralis</i> . <i>International Journal of Biological Macromolecules</i> , 2018 , 112, 1-6	7.9	2
47	Improvement of Vip3Aa16 Toxin Production and Efficiency Through Nitrous Acid and UV Mutagenesis of <i>Bacillus thuringiensis</i> (Bacillales: Bacillaceae). <i>Journal of Economic Entomology</i> , 2018 , 111, 108-111	2.2	3
46	Rizhospheric competence, plant growth promotion and biocontrol efficacy of <i>Bacillus amyloliquefaciens</i> subsp. <i>plantarum</i> strain 32a. <i>Biological Control</i> , 2018 , 124, 61-67	3.8	37
45	Combinatorial effect of <i>Photobacterium luminescens</i> TT01 and <i>Bacillus thuringiensis</i> Vip3Aa16 toxin against <i>Agrotis segetum</i> . <i>Toxicon</i> , 2018 , 142, 52-57	2.8	2
44	Association study of apoptosis gene polymorphisms in mitochondrial diabetes: A potential role in the pathogenicity of MD. <i>Gene</i> , 2018 , 639, 18-26	3.8	3
43	Effects of Hydroalcoholic Extract on Inflammatory Mediators and Oxidative Stress Markers in Carrageenan-Induced Paw Oedema in Mice. <i>BioMed Research International</i> , 2018 , 2018, 3785487	3	12
42	Combinational Effect of (Polygonaceae) Hexane Extract and β -Endotoxin against (Lepidoptera: Noctuidae). <i>BioMed Research International</i> , 2018 , 2018, 3895834	3	4
41	Heterologous expression and periplasmic secretion of an antifungal <i>Bacillus amyloliquefaciens</i> BLB369 endo- β -1,3-1,4-glucanase in <i>Escherichia coli</i> . <i>Journal of Phytopathology</i> , 2018 , 166, 28-33	1.8	2
40	Seasonal Variation in Essential Oils Composition and the Biological and Pharmaceutical Protective Effects of Leaves Grown in Tunisia. <i>BioMed Research International</i> , 2018 , 2018, 7856517	3	22
39	Lipopeptides from <i>Bacillus amyloliquefaciens</i> strain 32a as promising biocontrol compounds against the plant pathogen <i>Agrobacterium tumefaciens</i> . <i>Environmental Science and Pollution Research</i> , 2018 , 25, 36518-36529	5.1	17
38	Genome sequence analysis of a novel <i>Bacillus thuringiensis</i> strain BLB406 active against <i>Aedes aegypti</i> larvae, a novel potential bioinsecticide. <i>International Journal of Biological Macromolecules</i> , 2018 , 116, 1153-1162	7.9	4
37	A novel Vip3Aa16-Cry1Ac chimera toxin: Enhancement of toxicity against <i>Ephesthia kuehniella</i> , structural study and molecular docking. <i>International Journal of Biological Macromolecules</i> , 2018 , 117, 752-761	7.9	12
36	Antioxidant, Hepatoprotective, and Antidepressant Effects of Extracts and Identification of a Novel Bioactive Compound. <i>BioMed Research International</i> , 2018 , 2018, 7295848	3	8
35	Lipopeptides from a novel <i>Bacillus methylotrophicus</i> 39b strain suppress <i>Agrobacterium</i> crown gall tumours on tomato plants. <i>Pest Management Science</i> , 2017 , 73, 568-574	4.6	29
34	Combinatorial effect of <i>Bacillus amyloliquefaciens</i> AG1 biosurfactant and <i>Bacillus thuringiensis</i> Vip3Aa16 toxin on <i>Spodoptera littoralis</i> larvae. <i>Journal of Invertebrate Pathology</i> , 2017 , 144, 11-17	2.6	13

33	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
32	Quantification of <i>Bacillus thuringiensis</i> Vip3Aa16 Entomopathogenic Toxin Using Its Hemolytic Activity. <i>Current Microbiology</i> , 2017 , 74, 584-588	2.4	3
31	Efficacy of as a Source of Bioactive Compounds for Curative Biocontrol of Crown Gall Caused by Strain B6. <i>BioMed Research International</i> , 2017 , 2017, 9308063	3	8
30	Antimicrobial activity and bioguided fractionation of <i>Rumex tingitanus</i> extracts for meat preservation. <i>Meat Science</i> , 2017 , 125, 22-29	6.4	37
29	Influence of <i>Ephestia kuehniella</i> stage larvae on the potency of <i>Bacillus thuringiensis</i> Cry1Aa delta-endotoxin. <i>Pesticide Biochemistry and Physiology</i> , 2017 , 137, 91-97	4.9	6
28	Towards novel Cry toxins with enhanced toxicity/broader: a new chimeric Cry4Ba / Cry1Ac toxin. <i>Applied Microbiology and Biotechnology</i> , 2017 , 101, 113-122	5.7	9
27	<i>Ephestia kuehniella</i> tolerance to <i>Bacillus thuringiensis</i> Cry1Aa is associated with reduced oligomer formation. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 482, 808-813	3.4	2
26	Antibiosis and Gene Presence As Prevalent Traits for the Selection of Efficient Biocontrol Agents against Crown Gall Disease. <i>Frontiers in Plant Science</i> , 2017 , 8, 1363	6.2	17
25	Exploring the Leaves Hemostatic and Wound-Healing Potential. <i>BioMed Research International</i> , 2017 , 2017, 1047523	3	14
24	Chemical composition and biological activities of <i>Salvia officinalis</i> essential oil from Tunisia. <i>EXCLI Journal</i> , 2017 , 16, 160-173	2.4	39
23	Involvement of the processing step in the susceptibility/tolerance of two lepidopteran larvae to <i>Bacillus thuringiensis</i> Cry1Aa toxin. <i>Pesticide Biochemistry and Physiology</i> , 2016 , 127, 46-50	4.9	3
22	Molecular characterisation of <i>Bacillus thuringiensis</i> strain MEB4 highly toxic to the Mediterranean flour moth <i>Ephestia kuehniella</i> Zeller (Lepidoptera: Pyralidae). <i>Pest Management Science</i> , 2016 , 72, 913-916	4.6	4
21	Toxin stability improvement and toxicity increase against dipteran and lepidopteran larvae of <i>Bacillus thuringiensis</i> crystal protein Cry2Aa. <i>Pest Management Science</i> , 2016 , 72, 2240-2246	4.6	12
20	Antagonist effects of <i>Bacillus</i> spp. strains against <i>Fusarium graminearum</i> for protection of durum wheat (<i>Triticum turgidum</i> L. subsp. durum). <i>Microbiological Research</i> , 2016 , 192, 148-158	5.3	59
19	Antibacterial and in vivo reactivity of bioactive glass and poly(vinyl alcohol) composites prepared by melting and sol-gel techniques. <i>Korean Journal of Chemical Engineering</i> , 2016 , 33, 1659-1668	2.8	3
18	A promising HD133-like strain of <i>Bacillus thuringiensis</i> with dual efficiency to the two Lepidopteran pests: <i>Spodoptera littoralis</i> (Noctuidae) and <i>Ephestia kuehniella</i> (Pyralidae). <i>Toxicon</i> , 2016 , 118, 112-20	2.8	3
17	Cry1Ac toxicity enhancement towards lepidopteran pest <i>Ephestia kuehniella</i> through its protection against excessive proteolysis. <i>Toxicon</i> , 2016 , 120, 42-8	2.8	5
16	Cry4Ba and Cyt1Aa proteins from <i>Bacillus thuringiensis israelensis</i> : Interactions and toxicity mechanism against <i>Aedes aegypti</i> . <i>Toxicon</i> , 2015 , 104, 83-90	2.8	15

15	Effects of the P20 protein from <i>Bacillus thuringiensis israelensis</i> on insecticidal crystal protein Cry4Ba. <i>International Journal of Biological Macromolecules</i> , 2015 , 79, 174-9	7.9	9
14	Evidence of two mechanisms involved in <i>Bacillus thuringiensis israelensis</i> decreased toxicity against mosquito larvae: Genome dynamic and toxins stability. <i>Microbiological Research</i> , 2015 , 176, 48-54	5.3	12
13	<i>Bacillus amyloliquefaciens</i> AG1 biosurfactant: Putative receptor diversity and histopathological effects on <i>Tuta absoluta</i> midgut. <i>Journal of Invertebrate Pathology</i> , 2015 , 132, 42-47	2.6	23
12	Histopathological and combinatorial effects of the metalloprotease InhA1 and Cry proteins of <i>Bacillus thuringiensis</i> against <i>Spodoptera littoralis</i> . <i>International Journal of Biological Macromolecules</i> , 2015 , 81, 759-62	7.9	4
11	Efficacy of <i>Bacillus subtilis</i> V26 as a biological control agent against <i>Rhizoctonia solani</i> on potato. <i>Comptes Rendus - Biologies</i> , 2015 , 338, 784-92	1.4	30
10	Characterisation of novel <i>Bacillus thuringiensis</i> isolates against <i>Aedes aegypti</i> (Diptera: Culicidae) and <i>Ceratitis capitata</i> (Diptera: Tephridae). <i>Journal of Invertebrate Pathology</i> , 2015 , 124, 90-7	2.6	11
9	Synthesis, antimicrobial and antioxidant activities of imidazotriazoles and new multicomponent reaction toward 5-amino-1-phenyl[1,2,4]triazole derivatives. <i>Medicinal Chemistry Research</i> , 2015 , 24, 2732-2741	2.2	22
8	New <i>Bacillus thuringiensis</i> toxin combinations for biological control of lepidopteran larvae. <i>International Journal of Biological Macromolecules</i> , 2014 , 65, 148-54	7.9	14
7	Efficacy of olive mill wastewater for protecting <i>Bacillus thuringiensis</i> formulation from UV radiations. <i>Acta Tropica</i> , 2014 , 140, 19-25	3.2	5
6	Combinatorial effect of <i>Bacillus thuringiensis kurstaki</i> and <i>Photorhabdus luminescens</i> against <i>Spodoptera littoralis</i> (Lepidoptera: Noctuidae). <i>Journal of Basic Microbiology</i> , 2014 , 54, 1160-5	2.7	12
5	Chemical composition and evaluation of antioxidant and antimicrobial activities of Tunisian <i>Thymelaea hirsuta</i> with special reference to its mode of action. <i>Industrial Crops and Products</i> , 2013 , 41, 150-157	5.9	37
4	Histopathological effects and determination of the putative receptor of <i>Bacillus thuringiensis</i> Cry1Da toxin in <i>Spodoptera littoralis</i> midgut. <i>Journal of Invertebrate Pathology</i> , 2013 , 112, 142-5	2.6	22
3	Efficacy of <i>Lawsonia inermis</i> leaves extract and its phenolic compounds against olive knot and crown gall diseases. <i>Crop Protection</i> , 2013 , 45, 83-88	2.7	12
2	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
1	Investigation of the steps involved in the difference of susceptibility of <i>Ephesia kuehniella</i> and <i>Spodoptera littoralis</i> to the <i>Bacillus thuringiensis</i> Vip3Aa16 toxin. <i>Journal of Invertebrate Pathology</i> , 2011 , 107, 198-201	2.6	58