



بيان بالأبحاث العلمية للباحثين من أعضاء هيئة التدريس ومن في حكمهم بوحدة التقنية الحيوية للعام ٢٠٢٠

م	عنوان البحث	سنة النشر	اسم المجلة ومعامل تأثيرها	Q	DOI
Year 2019					
1	Amelioration of heavy metal stress by endophytic <i>Bacillus amyloliquefaciens</i> RWL-1 in rice by regulating metabolic changes: potential for bacterial bioremediation	2019	Biochemical Journal IF= 4.39	Q1	https://doi.org/10.1042/BCJ20190606
2	Optimization of azo-keratin hydrolysis by alginate-immobilized Keratinase produced from <i>Bacillus licheniformis</i> .	2019	Journal of Advanced Biomedical and Pharmaceutical Sciences	Q4	https://jabps.journals.ekb.eg/article_23888_272fd4557aa920fe0f113b763d503a93.pdf
3	Susceptibility of Bacteria Isolated from Air-Conditioning System Ducts to Different Ultraviolet Radiation Doses.	2019	Journal of Pure and Applied Microbiology IF= 0.073	Q4	https://doi.org/10.22207/JPAM.13.4.54
4	Antibacterial and Antifungal Activity of Novel Synthesized Neodymium-Substituted Cobalt Ferrite Nanoparticles for Biomedical Application	2019	Processes IF= 1.963	Q2	10.3390/pr7100714
5	Chemical Composition and in vivo Efficacy of the Essential Oil of <i>Mentha piperita</i> L. in the Suppression of Crown Gall Disease on Tomato Plants.	2019	Journal of Oleo Science IF=1.208	Q3	10.5650/jos.ess18261
6	Cytogenetic and Molecular Assessment of Some Nanoparticles Using <i>Allium sativum</i> Assay	2019	African Journal of Biotechnology IF=0.44	Q4	https://doi.org/10.5897/AJB2019.16918
7	Assessing the feasibility of growing some imported plants for combating desertification using <i>matK</i> and <i>rbcL</i> markers	2019	The Saudi Journal of Life Sciences IF=0.40	Q4	10.36348/SJLS.2019.v04i10.002
8	Antimicrobial Activity and Gas Chromatography-Mass Spectrometry (GC-MS) Analysis of Saudi Arabian <i>Ocimum basilicum</i> Leaves Extracts	2019	Journal of Pure and Applied Microbiology IF= 0.073	Q4	doi: 10.22207/JPAM.13.2.17
9	Phytochemical Screening and Antibacterial Activity of <i>Eucalyptus camaldulensis</i> 's Leaves and Bark Extracts.	2019	Asian Journal of Scientific Research	Q4	doi: 10.3923/ajsr.2019.202.210
10	Highly efficient Cu-phthalocyanine-sensitized ZnO hollow spheres for photocatalytic and antimicrobial applications	2019	Composites part B: Engineering IF=6.864	Q1	10.1016.J.composites.2019
11	In Vitro Antimicrobial Activity of Endophytes, Isolated from <i>Moringa peregrina</i> Growing in Eastern Region of Saudi Arabia.	2019	National Academy Science Letters 0.331 IF=	Q2	doi.org/10.1007/s40009-018-0739-6



12	Indole-3-acetic-acid and ACC deaminase producing <i>Leclercia adecarboxylata</i> MO1 improves <i>Solanum lycopersicum</i> L. growth and salinity stress tolerance by endogenous secondary metabolites regulation	2019	BMC Microbiology IF=3.287	Q2	https://doi.org/10.1186/s12866-019-1450-6
13	Metabolomic fingerprint of <i>Mentha rotundifolia</i> L. leaf tissues promotes this species as a potential candidate for sustainable production of biologically active molecules.	2019	Journal of Complementary and Integrative Medicine IF=0.66	Q3	10.1515/jcim-2018-0048
14	Phytohormones enabled endophytic <i>Penicillium funiculosum</i> LHL06 protects <i>Glycine max</i> L. from synergistic toxicity of heavy metals by hormonal and stress-responsive proteins modulation	2019	Journal of Hazardous Materials IF=7.65	Q1	https://doi.org/10.1016/j.jhazmat.2019.120824
15	Pseudobactins bounded iron nanoparticles for control of an antibiotic-resistant <i>Pseudomonas aeruginosa</i> ryn32	2019	Biotechnology Progress IF=2.406	Q2	10.1002/btpr.2907
Year 2020					
16	Phenolic profiling and antibacterial potential of Saudi Arabian native date palm (<i>Phoenix dactylifera</i>) cultivars	2020	International Journal of Food Properties IF=1.5	Q2	https://doi.org/10.1080/10942912.2020.1751196
17	Interspecific variability of 1,8-cineole content, phenolics and bioactivity among nine <i>Eucalyptus</i> taxa growing under the sub-humid bioclimate stage.	2020	Journal of Complementary and Integrative Medicine IF=1.26	Q2	https://doi.org/10.1515/jcim-2019-0159
18	PHARMIP: An insilico method to predict genetics that underpin adverse drug reactions	2020	MethodsX IF=1.69	Q2	https://doi.org/10.1016/j.methods.2019.100775
19	Synergistic association of endophytic fungi enhances <i>Glycine max</i> L. resilience to combined abiotic stresses: Heavy metals, high temperature and drought stress.	2020	Industrial Crops and Products. IF: 4.19	Q1	https://doi.org/10.1016/j.indcrop.2019.111931
20	Inoculation with Indole-3-acetic acid producing rhizospheric <i>Rhodobacter sphaeroides</i> KE149 augments the growth of adzuki bean plants under water stress.	2020	Journal of Microbiology and Biotechnology IF: 1.97	Q2	10.4014/jmb.1911.11063
21	Silicon and Gibberellins: Synergistic Function in Harnessing ABA Signalling and Heat Stress Tolerance in Date Palm (<i>Phoenix dactylifera</i> L.)	2020	Plants IF: 2.632	Q1	https://doi.org/10.3390/plants9050620
22	<i>Bacillus amyloliquefaciens</i> RWL-1 as a new potential strain for augmenting biochemical and nutritional composition of fermented soybean	2020	Molecules IF: 3.06	Q1	https://www.mdpi.com/1420-3049/25/10/2346