BIOLOGY DEPARTMENT SCIENTIFIC PUBLICATION 2022

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1	Dr. Barakat AlRashidi	Musa sp. Leaves Extract Ameliorates the Hepato-Renal Toxicities Induced by Cadmium in Mice	Molecules	https://doi.org/10.3390/molecules27020559	Q2
2	Dr. Barakat M ALRASHDI	Effect of Fermented Camel Milk Containing Pumpkin Seed Milk on the Oxidative Stress Induced by Carbon Tetrachloride in Experimental Rats	Fermentation	https://www.mdpi.com/2311-5637/8/5/223	Q2
3	Dr. Barakat ALRashdi	Serological Investigation and Epidemiological Analysis of Bovine Leptospirosis in Egypt	Trop. Med. Infect. Dis	https://doi.org/10.3390/tropicalmed7090208	Q1
4	Dr. Barakat ALRashdi	Impact of Incorporating the Aqueous Extract of Hawthorn (C. oxyanatha) Leaves on Yogurt Properties and Its Therapeutic Effects against Oxidative Stress Induced by Carbon Tetrachloride in Rats	Fermentation	https://www.mdpi.com/2311-5637/8/5/200	Q2
5	Dr. Barakat ALRashdi	A flavonoid-rich fraction of Monolluma quadrangula inhibits xanthine oxidase and ameliorates potassium oxonate-induced hyperuricemia in rats	Environmental Science and Pollution Research	https://link.springer.com/article/10.1007/s11356-022-20274-2	Q2
6	Dr. Barakat ALRashdi	The Effects of Bacterial Lipopolysaccharide (LPS) on Turkey Poults: Assessment of Biochemical Parameters and Histopathological Changes	Veterinary Sciences	https://www.mdpi.com/2306-7381/9/5/240	Q2
7	Dr. Barakat ALRashdi	Serological Investigation and Epidemiological Analysis of Bovine Leptospirosis in Egypt	Trop. Med. Infect. Dis	https://doi.org/10.3390/tropicalmed7090208	Q2
8	Mousa O Germoush	Therapeutic promise of carotenoids as antioxidants and anti-inflammatory agents in neurodegenerative disorders	Biomedicine & Pharmacotherapy	https://doi.org/10.1016/j.biopha.2021.112610	Q2
9	Mousa O Germoush	Bioactive-Based Cosmeceuticals: An Update on Emerging Trends	Molecules	https://doi.org/10.3390/molecules27030828	Q1
10	Mousa O Germoush	Isolation and Characterization of Three New Crude Oil Degrading Yeast Strains, Candida parapsilosis SK1, Rhodotorula mucilaginosa SK2 and SK3	Sustainability	https://doi.org/10.3390/su14063465	Q1
11	Mousa O Germoush	Microneedle-Based Natural Polysaccharide for Drug Delivery Systems (DDS): Progress and Challenges	Pharmaceuticals	https://doi.org/10.3390/ ph15020190	Q1
12	Mousa O Germoush	MXene (Ti3C2Tx)-Embedded Nanocomposite Hydrogels for Biomedical Applications: A Review	Materials	https://doi.org/10.3390/ma15051666	Q1

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14	Mousa O Germoush	A flavonoid-rich fraction of Monolluma quadrangula inhibits xanthine oxidase and ameliorates potassium oxonate-induced hyperuricemia in rats	Environ Sci Pollut Res Int	https://doi.org/10.1007/s11356-022-20274-2	Q1
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16	Mousa O Germoush	The diagnostic accuracy of intraoperative frozen section biopsy for diagnosis of sentinel lymph node metastasis in breast cancer patients: a meta-analysis	Environmental Science and Pollution Research	https://doi.org/10.1007/s11356-022-20569-4	Q2
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31	Haifa Abdul Aziz Sakit AL-haithloul	Organic amendments mitigate salinity induced toxic effects in maize by modulating antioxidant defense system, photosynthetic pigments and ionic homeostasis	Notulae Botanicae Horti Agrobotanici Cluj-Napoca	https://www.notulaebotanicae.ro.corten-garden.com/index.php/nbha/article/view/12735	Q3
32	Haifa Abdul Aziz Sakit AL-haithloul	Trehalose: a promising osmo-protectant against salinity stress—physiological and molecular mechanisms and future prospective	Springer Netherlands Molecular Biology Reports	https://link.springer.com/article/10.1007/s11033-022-07681-x	Q4
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41	Ameena A. AL-surhanee	The Antifungal Activity of Ag/CHI NPs against Rhizoctonia solani Linked with Tomato Plant Health.	Journals of Plants	https://www.mdpi.com/2223-7747/10/11/2283	Q1
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43	Ameena A. AL-Surhanee,	Comparative growth potential of thermophilic amylolytic Bacillus sp. on unconventional media food wastes and its industrial application	Saudi Journal of Biological Sciences	https://www.sciencedirect.com/science/article/pii/S1319562X20304514?via%3Dihub	Q1
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47	Taghreed S.Alnusaire	Antioxidant Defense in Plants	Antioxidant Defense in Plants	https://doi.org/10.1007/978-981-16-7981-0_12	None
48	Taghreed S. Alnusaire	Lignocellulosic substrate as a low-cost effective inducer for production of hydrolytic cellulases by marine halophilic Aspergillus ochraceus	Egyptian Journal of Aquatic Biology & Fisheries	https://dx.doi.org/10.21608/ejabf.2022.262654	Q3
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110	Mervat Ahmed AbdRabou	Effect of Ferula asafetida extract on the development of chick embryo	Bioscience Research	https://www.isisn.org/BR-19-4-2022/2060-2066-19(4)2022BR22-312.pdf	Q4
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