

Microbiology Department National publications (2018 – 2023)

Serial	Publication title	Journal name	Publication year	Journal Quartile	Impact factor	Authors from the department
1	Synthesis, Biological Evaluation and In-silico ADME Study of Novel Hybridized Benzimidazole-Chalcone Compounds with Potential Antimicrobial Activity	Archives of Pharmaceutical sciences	2022	--	--	AbdAlhafiz, A
2	Effect of adding exogenous acyl homoserine lactone signal to Pseudomonas aeruginosa premature culture and prediction of signal binding domain in Rhamnolipids RhIA enzyme	Archives of Pharmaceutical sciences	2022	--	--	Sakr, M., Noha S. Elsayed, Elhousseiny G.
3	Scaling up, Kinetic modeling, and Economic analysis of poly (3-hydroxybutyrate) production by Bacillus cereus isolate CCASU-P83.	Archives of Pharmaceutical Sciences Ain Shams University	2021	--	--	Elgendy N, K Aboshanab KM, M Yassien, M Aboulwafa, N Hassouna
4	Optimization of antifungal activity by Bacillus subtilis isolate CCASU 2021-4 using Response Surface Methodology	<i>Archives of Pharmaceutical sciences-Ain Shams University</i>	2021	--	--	Ghadir El-Housseiny, Israa M. Abd-Allah, Sarrah E. Saleh
5	Identification of potential quorum quenching compounds in Brassica oleracea var. capitata against MDR Pseudomonas aeruginosa and Escherichia coli clinical isolates	Archives of pharmaceutical sciences Ain Shams University	2021	--	--	Masarrah M. Sakr, Sarrah E. Saleh
6	The prospective Prognostic value of the immune checkpoint BTLA expression in acute adult myeloid leukemia patients.	Egyptian Journal of Medical Human Genetics.	2021	--	--	Elleboudy N. S.
7	Antimicrobial Stewardship Programs: A Review.	Archives of Pharmaceutical Sciences.	2021	--	--	Salah A. N., Elleboudy N. S., El-Housseiny G. S., Yassien M. A.
8	An expert review on current approaches for endotoxin detection in various biological products.	Archives of Pharmaceutical Sciences Ain Shams University	2020	--	--	Walid F. Elkhatibb, Mohammad M. Aboulwafa

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9	Diverse origins of microbial L-asparaginases and their current miscellaneous applications	Archives of Pharmaceutical Sciences Ain Shams University	2019	--	--	Walid F. Elkhatibb, Mohammad M. Aboulwafa
10	Recovery and characterization of <i>Proteus mirabilis</i> persisters	Archives of Pharmaceutical Sciences Ain Shams University.	2019	--	--	Rana N. Abokhalil, Walid F. Elkhatib, Mohammad M. Aboulwafa, Nadia A. Hassouna
11	Evaluation of antimicrobial activity and <i>in vitro</i> safety of the methanolic extract of <i>Streptomyces manipurensis</i> soil isolate H21 for potential industrial applications	Archives of Pharmaceutical Sciences Ain Shams University.	2019	--	--	Yomna N. Elkholy, Walid F. Elkhatibb, Khaled M. Aboshanab, Mohammad M. Aboulwafa, Nadia A. Hassouna
12	Antimicrobial resistance patterns of MDR <i>Staphylococcus aureus</i> clinical isolates involved in the lower respiratory tract infections in Egypt.	Archives of Pharmaceutical Sciences Ain Shams University.	2019	--	--	Salma M Abdelaziz, Khaled M. Aboshanab, Mahmoud Yassien, Nadia A. Hassouna
13	Macrolide resistance pattern of staphylococci collected from hospitalized patients in Egypt	Archives of Pharmaceutical Sciences Ain Shams University.	2019	--	--	Amr Bishr, Khaled M. Aboshanab, Mahmoud Yassien, Nadia A. Hassouna
14	Prevalence of carbapenem resistance among multidrug-resistant Gram-negative uropathogens.	Archives of Pharmaceutical Sciences	2018	--	--	Ann A. Elshamy, Khaled M. Aboshanab, Mahmoud A. Yassien, Nadia A. Hassouna
15	Recovery and characterization of <i>Proteus mirabilis</i> persisters	Archives of Pharmaceutical Sciences	2018	--	--	Rana N. Abokhalil, Walid Faisal Elkhatib, Mohammad M. Aboulwafa, Nadia A. Hassouna
16	Biotransformation of caffeic acid into a promising biologically active metabolite by <i>Candida albicans</i> isolate CI-24	Archives of Pharmaceutical Sciences	2018	--	--	Raghda A. Singab, Walid Faisal Elkhatib, Mahmoud A. Yassien, Nadia A. Hassouna

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	In Vitro Meropenem/Antibiotic and Meropenem/Bacteriophage Combinations against Carbapenem-Resistant Gram-Negative Uropathogens	Archives of Pharmaceutical Sciences Ain Shams University,	(2023)	--	--	Ann A. Elshamy, Sarra E. Saleh, Khaled M. Aboshanab, Mohammad M. Aboulwafa, Nadia A. Hassouna
	New Insights on the Carbapenem-resistant Gram Negative-associated-Infections: Challenges and Opportunities	Archives of Pharmaceutical Sciences Ain Shams University, (2023)	(2023)	--	--	Ahmed S. Abu Zaid and Khaled M. Aboshanab
	Acinetobacter baumannii virulence factors, resistance mechanisms, new insights on infection treatment	Archives of Pharmaceutical Sciences Ain Shams University, (2023)	(2023)	--	--	Riham Elhakeem, Sarra E. Saleh, Mohammad M. Aboulwafa, Nadia A. Hassouna