

الميكروبيولوجيا والمناعة

القسم العلمي:

أولا) الأبحاث المنشورة لأعضاء هيئة التدريس في الفترة من ١ يناير - ٣١ ديسمبر للعام 2023

(١) الأبحاث المنشورة دوليا

	Publication title	Journal name/ year	Authors from department	Authors from other departments, faculties, or universities and their affiliation	Journal quartile	Impact factor	Tick <input checked="" type="checkbox"/> if it is an applied research
1.	Diclofenac and Meloxicam Exhibited Anti-Virulence Activities Targeting Staphyloxanthin Production in Methicillin-Resistant <i>Staphylococcus aureus</i> .;12(2):277. doi: 10.3390/antibiotics12020277. PMID: 36830188; PMCID: PMC9951919.	Antibiotics (Basel). 2023 Jan 31	Saleh SE, Aboshanab KM.	Elmesseri RA, Ghobish SA, Majrashi TA, Elsherif HM,	Q1	4.3	<input checked="" type="checkbox"/>
2.	Expression Silencing of Mitogen-Activated Protein Kinase 8 Interacting Protein-1 Conferred Its Role in Pancreatic β -Cell Physiology and Insulin Secretion.;13(2):307. doi: 10.3390/metabo13020307. PMID: 36837926; PMCID: PMC9964862.	Metabolites. 2023 Feb 20	Saleh SE, Aboshanab KM, Aboulwafa MM,	Mohammed AK, Saeed R, Taneera J.	Q2	4.2	<input checked="" type="checkbox"/>
3.	Phytoestrogen β -Sitosterol Exhibits Potent In Vitro Antiviral Activity against Influenza A Viruses.;11(2):228. doi: 10.3390/vaccines11020228. PMID: 36851106; PMCID: PMC9964242.	Vaccines (Basel). 2023 Jan 19	Abbas AM, , Aboshanab KM,	Shokry S, Hegazy A, Mostafa I, Eissa IH, Metwaly AM, Yahya G, El-Shazly AM, Mostafa A.	Q1	5.2	<input checked="" type="checkbox"/>
4.	Correction to: Gamma radiation coupled ADP-ribosyl transferase activity of <i>Pseudomonas aeruginosa</i> PE24 moiety.;107(7-	Appl Microbiol Biotechnol. 2023	Saleh SE, Aboshanab KM.	Morgan RN, , Farrag HA,	Q1	5.43	-

اعتماد مجلس القسم رقم (11) بتاريخ 7/2024 /

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	8):2723. doi: 10.1007/s00253-023-12455-x. for.;107(5-6):1765-1784. doi: 10.1007/s00253-023-12401-x. PMID: 36881119; PMCID: PMC10033588.	Apr					
5.	State of the art in epitope mapping and opportunities in COVID-19.;16(3-06):FSO832. doi: 10.2144/foa-2022-0048. Epub 2023 Mar 6. PMID: 36897962; PMCID: PMC9987558.	Future Sci OA. 2023 Feb	Sakr MM, El-Housseiny GS, Aboshanab KM	Hamed SM, , Wasfi R,	Q3	2.4	-
6.	Dual Role of Mitogen-Activated Protein Kinase 8 Interacting Protein-1 in Inflammasome and Pancreatic β -Cell Function.;24(5):4990. doi: 10.3390/ijms24054990. PMID: 36902422; PMCID: PMC10002854.	Int J Mol Sci. 2023 Mar 5	Saleh SE, Aboulwafa MM, Aboshanab KM,	Saeed R, Mohammed AK, Taneera J.	Q1	4.9	<input checked="" type="checkbox"/>
7.	New insights on <i>Pseudomonas aeruginosa</i> exotoxin A-based immunotoxins in targeted cancer therapeutic delivery.;14(1):31-60. doi: 10.4155/tde-2022-0055.	Ther Deliv. 2023 Jan	Saleh SE, Aboshanab KM	Morgan RN, Farrag HA,	Q2	3.08	-
8.	Phenotypic and genotypic characterization of linezolid resistance and the effect of antibiotic combinations on methicillin-resistant <i>Staphylococcus aureus</i> clinical isolates.;22(1):23. doi: 10.1186/s12941-023-00574-2. PMID: 37013561; PMCID: PMC10069030.	Ann Clin Microbiol Antimicro b. 2023 Apr 3	AbdAlhafiz Al, Elleboudy NS, Aboshanab KM, Aboulwafa MM, Hassouna NA.	-	Q1	5.84	<input checked="" type="checkbox"/>

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9.	Statistical optimization of a podoviral anti-MRSA phage CCASU-L10 generated from an under sampled repository: Chicken rinse.;13:1149848. doi: 10.3389/fcimb.2023.1149848. PMID: 37065190; PMCID: PMC10102507.	Front Cell Infect Microbiol . 2023 Mar 31	Abd-Allah IM, El-Housseiny GS, Aboshanab KM, Hassouna NA	Al-Agamy MH, Radwan HH,	Q1	5.5	✓
10.	Transferable IncX3 plasmid harboring bla _{NDM-1} , ble _{MBL} , and aph(3')-VI genes from Klebsiella pneumoniae conferring phenotypic carbapenem resistance in E. coli.;50(6):4945-4953. doi: 10.1007/s11033-023-08401-9. Epub 2023 Apr 20. PMID: 37081308; PMCID: PMC10209314.	Mol Biol Rep. 2023 Jun	Elshamy AA, Saleh SE, Aboshanab KM, Aboulwafa MM, Hassouna NA.	-	Q3	3.05	✓
11.	Editorial: Rekindling of a masterful precedent: bacteriophage.;13:1202249. doi: 10.3389/fcimb.2023.1202249. PMID: 37197202; PMCID: PMC10183598.	Front Cell Infect Microbiol . 2023 May 1	El-Housseiny GS, Aboshanab KM.	Al-Agamy MH,	Q1	5.5	-
12.	Bioconversion of vitamin D ₃ into calcitriol by <i>Actinomyces hyovaginalis</i> isolate CCASU- A11-2.;13(1):73. doi: 10.1186/s13568-023-01574-3. PMID: 37434090; PMCID: PMC10335987.	AMB Express. 2023 Jul 12	Abbas AM, Elkhatib WF, Aboulwafa MM, Hassouna NA, Aboshanab KM.	-	Q2	3.7	✓
13.	Propranolol restores susceptibility of XDR Gram-negative pathogens to meropenem and Meropenem combination has been evaluated	BMC Microbiol . 2023 Jul 22	Zaid ASA, Aboshanab KM.	Mabrouk SS, Abdellatif GR,	Q2	4	✓

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	with either tigecycline or amikacin.;23(1):195. doi: 10.1186/s12866-023-02934-6. PMID: 37481513; PMCID: PMC10362616.						
14.	Insights on monkeypox disease and its recent outbreak with evidence of nonsynonymous missense mutation.;9(7):FSO877. doi: 10.2144/fsoa-2023-0048. PMID: 37485445; PMCID: PMC10357398.	Future Sci OA. 2023 Jun 24	Aboshanab KM.	Elhusseiny SM, Bebawy AS, Saad BT,	Q3	2.4	-
15.	Phenotypic and Genotypic Analysis of Bacterial Pathogens Recovered from Patients Diagnosed with Fever of Unknown Origin in Egypt.;12(8):1294. doi: 10.3390/antibiotics12081294. PMID: 37627714; PMCID: PMC10451874.	Antibiotics (Basel). 2023 Aug 7	Saleh SE, Aboshanab KM,	Mostafa SH, Khaleel EF, Badi RM, Hamed SM.	Q1	4.3	✓
16.	Correlation of CRISPR/Cas and Antimicrobial Resistance in <i>Klebsiella pneumoniae</i> Clinical Isolates Recovered from Patients in Egypt Compared to Global Strains. 11(8):1948. doi: 10.3390/microorganisms11081948 . PMID: 37630508; PMCID: PMC10459600.	Microorganisms. 2023 Jul 30;	Zaid ASA, Aboshanab KM.	Alkompoz AK, Hamed SM, , Almangour TA, Al-Agamy MH,	Q2	4.1	✓
17.	New Insights on Biological Activities, Chemical Compositions, and Classifications of Marine Actinomycetes Antifouling Agents.;11(10):2444. doi:	Microorganisms. 2023 Sep 29	Aboshanab KM.	Morgan RN, Ali AA, Alshahrani MY,	Q2	4.1	-

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	10.3390/microorganisms11102444 . PMID: 37894102; PMCID: PMC10609280.						
18.	Evaluation of ELISA and immunoaffinity fluorometric analytical tools of four mycotoxins in various food categories. 13(1):123. doi: 10.1186/s13568-023-01629-5. PMID: 37922052; PMCID: PMC10624774.	AMB Express. 2023 Nov 3;	El-Housseiny GS, Aboshanab KM.	Boshra MH, El-, Farag MMS	Q2	3.7	✓
19.	Statistical optimization and gamma irradiation on cephalosporin C production by <i>Acremonium chrysogenum</i> W42-1;13(1):142. doi: 10.1186/s13568-023-01645-5. PMID: 38079030; PMCID: PMC10713967.	AMB Express. 2023 Dec 11	Ibrahim AA, El-Housseiny GS, Aboshanab KM, Yassien MA, Hassouna NA.	Startmann A,	Q2	3.7	✓
20.	Identification, Characterization, and Production Optimization of 6-Methoxy-1H-Indole-2-Carboxylic Acid Antifungal Metabolite Produced by <i>Bacillus toyonensis</i> Isolate OQ071612.;11(12):2835. doi: 10.3390/microorganisms11122835 . PMID: 38137979; PMCID: PMC10745709.	Microorganisms. 2023 Nov 22	Aboshanab KM, El-Housseiny GS.	El-Sayed SE, Abdelaziz NA, Ali AA, Alshahrani MY,	Q2	4.1	✓
21.	CLINICAL SIGNIFICANCE OF LNCRNA AFAP1-AS1 AND SOLUBLE IMMUNE CHECKPOINTS (sPD-1 AND sPD-L1) AS	Sage. 2023 February	El-Housseiny GS.	Abdelhamid SG, Abdelaziz HM, Kamal AM	Q2	2	✓

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	MOLECULAR MARKERS IN LIQUID BIOPSY OF BREAST CANCER PATIENTS	6					
22.	Marula oil nanoemulsion improves motor function in experimental parkinsonism via mitigation of inflammation and oxidative stress	Frontiers in Pharmacology 2023 Nov 23	Elkhatib WF.	Reem Alshaman, Mona Qushawy, Hatem I Mokhtar, Angie M Ameen, Rehab M El-Sayed, Eman Saad Alamri, Lamiaa M Elabbasy, Ahmed MN Helaly, Eidah M Alyahya, Sawsan A Zaitone	Q1	4.4	<input checked="" type="checkbox"/>
23.	Modulating the transcriptomic profile of multidrug-resistant <i>Klebsiella pneumoniae</i> biofilm formation by antibiotics in combination with zinc sulfate	Ann Clin Microbiol Antimicrob. 2023 Sep 12	Elkhatib WF.	Rania I Shebl, Mona Shaban EM Badawy	Q1	5.84	<input checked="" type="checkbox"/>
24.	<i>Acinetobacter baumannii</i> Global Clone-Specific Resistomes Explored in Clinical Isolates Recovered from Egypt	Antibiotics. 2023 July 4	Elkhatib WF	SM Hamed, H Brangsch, AS Gesraha, S Moustafa, Dalia F Khater, Mathias W Pletz, Lisa D Sprague, Heinrich	Q1	4.3	<input checked="" type="checkbox"/>

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				Neubauer, Gamal Wareth			
25.	Mathematical pharmacodynamic modeling for antimicrobial assessment of ceftazidime/colistin versus gentamicin/meropenem combinations against carbapenem-resistant <i>Pseudomonas aeruginosa</i> biofilm	Ann Clin Microbiol Antimicrob.2023 July 2	Elkhatib WF	MSEM Badawy, RI Shebl	Q1	5.84	<input checked="" type="checkbox"/>
26.	Protective role of iron oxide nanocomposites on disease index, and biochemical resistance indicators against <i>Fusarium oxysporum</i> induced-cucumber wilt disease: In vitro, and in vivo studies	Microbial Pathogenesis.2023 July 1	Elkhatib WF	Ahmed I El-Batal, Gharieb S El-Sayyad, Bassam M Al-Shammari, Amer M Abdelaziz, Mohamed M Nofel, Mohamed Gobara, Nerhan A Eid, Marwa S Salem, Mohamed S Attia	Q2	3.3	<input checked="" type="checkbox"/>
27.	Gamma radiation induced synthesis of novel chitosan/gold/bioactive glass nanocomposite for promising antimicrobial, and antibiofilm activities	Journal of Cluster Science. July	Elkhatib WF	Gharieb S El-Sayyad, MIA Abdel Maksoud, Ramy Amer Fahim, Mohamad Bekhit, Said M Kassem, AS Awed,	Q2	2.7	<input checked="" type="checkbox"/>

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				Mohamed Gobara, Ahmed I El-Batal, AH Ashour, Salim Mohamed Abd El-Aziz			
28.	Synthesis, spectroscopic, optical, thermal and mechanical characterization of nonlinear proline oxalate single-crystals	Optical and Quantum Electronic s. 2023 january	Elkhatib WF	Shanmugam Akilandeswari, Lakshmanan Jothi, Walid F Elkhatib, Eman Fayad, Ola A Abu Ali, Ghariieb S El-Sayyad	Q2	3.3	<input checked="" type="checkbox"/>
29.	Tackling microbial resistance with isatin-decorated thiazole derivatives: design, synthesis, and in vitro evaluation of antimicrobial and antibiofilm activity	Drug design, development and therapy. 2023 December 31	Nooran S Elleboudy.	Refaie M Kassab, Sami A Al-Hussain, , Amgad Albohy, Magdi EA Zaki, Khaled AM Abouzid, Zeinab A Muhammad	Q1	4.7	<input checked="" type="checkbox"/>
30.	Early protective effect of a ("pan") coronavirus vaccine (PanCoVac) in Roborovski dwarf hamsters after single-low dose intranasal administration	Frontiers in Immunology. 2023 July 13	Nooran S Elleboudy.	Mohammed O Abdelaziz, Martin J Raftery, Julian Weihs, Olivia Bielawski, Richard Edel, Julia Köppke, Daria Vladimirova, Julia M Adler,	Q1	5.7	<input checked="" type="checkbox"/>

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			Theresa Firsching, Anne Voß, Achim D Gruber, Luca V Hummel, Ivan Fernandez Munoz, Francesca Müller- Marquardt, Gerald Willimsky, Jakob Trimpert, Günther Schönrich			

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القسم العلمي:

(٢) الابحاث المنشورة محليا

	Publication title	Journal name/year	Authors from the department	Authors from other departments, faculties, or universities and their affiliation	Impact factor	Tick ✓ if it is an applied research
1.	In Vitro Meropenem/Antibiotic and Meropenem/Bacteriophage Combinations Against Carbapenem-Resistant Gram-Negative Uropathogens	Archives of Pharmaceutical Sciences Ain Shams University,2023	Ann Elshamy; Sarra Saleh; Khaled M. Aboshanab; Mohammad M. Aboulwafa; Nadia A. Hassouna	-	-	✓
2.	New Insights on the Carbapenem-resistant Gram Negative-associated-Infections: Challenges and Opportunities	2023	Ahmed S. Abu zaid; Khaled M. Aboshanab	Samar S. Mabrouk; Ghada R. Abdellatif	-	-
3.	Lignin from a disposable by-product to a repository of value-added compounds Archives of Pharmaceutical Sciences Ain Shams University,2023 Sarah Milad, Sarra E. Saleh, Mohammad M. Aboulwafa and Nadia A. Hassouna	Archives of Pharmaceutical Sciences Ain Shams University,2023	Sarah Milad, Sarra E. Saleh, Mohammad M. Aboulwafa and Nadia A. Hassouna	-	-	-
4.	<i>Acinetobacter baumannii</i> Virulence Factors, Resistance Mechanisms, and New Insights on Infection	Archives of Pharmaceutical Sciences Ain Shams	Riham El-Hakeem, Sarra E. Saleh, Mohammad M.	-	-	-

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Treatment	University,2023	Aboulwafa and Nadia A. Hassouna				

(٣) عدد الأبحاث المنشورة لكل عضو هيئة تدريس

عدد الأبحاث المنشورة		عضو هيئة التدريس	
محليا	دوليا		
3	5	إ.د/ نادية عبد الحليم حسونة	١.
	1	إ.د/ محمود عبد المجيد يس	٢.
3	5	إ.د/ محمد مبروك أبو الوفا	٣.
	8	إ.د/ وليد فيصل الخطيب	٤.
2	20	إ.د/ خالد محمد أنور أبو شنب	٥.
3	7	إ.م.د/ سارة إبراهيم صالح	٦.
	7	إ.م.د/ غدير سعيد الحسيني	٧.
	3	إ.م.د/ نوران شريف اللبودي	٨.
	2	د/ احمد عباس	٩.
1	2	د/ احمد سعيد أبو زيد	١٠.
	1	د/ مسرة محمد أبو السعود صقر	١١.
		د/ يمني ناجي	١٢.
		د/ عمرو شاكر	١٣.
		د/ منى هشام الجيار	١٤.
1	1	د/آن ايمن الشامى	١٥.

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13	إجمالي عدد الأبحاث المنشورة في دوريات Q2
4	إجمالي عدد الأبحاث المنشورة في دوريات Q3
-	إجمالي عدد الأبحاث المنشورة في دوريات Q4
30	إجمالي عدد الأبحاث المشتركة
25	إجمالي عدد الأبحاث التطبيقية
4.186	متوسط معامل التأثير للأبحاث الدولية
	عدد المشروعات البحثية الممولة
	إجمالي حجم التمويل للمشروعات البحثية بالجنية المصري
	إجمالي عدد الجوائز الحاصل عليها أعضاء هيئة التدريس
	إجمالي عدد براءات الاختراع الحاصل عليها أعضاء هيئة التدريس