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كلية علوم الطاقة والبيئة  
السيرة الذاتية العلمية

المعلومات الشخصية

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المواليد	١٩٨٧\٠٧\١١
الحالة الاجتماعية	متزوج
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السلوك الوظيفي

العنوان الوظيفي	المكان الوظيفي	سنة اشغال المكان الوظيفي
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المشروعات البحثية التخصصية لخدمة البيئة والمجتمع أو تطوير التعليم

اسم البحث	كلمات مفتاحية عن البحث	تاريخ النشر




### المهام التدريسية

اسم المادة	التخصص العام	المرحلة الدراسية	العام الدراسي
كيمياء حيائية	كيمياء	المستوى الثاني	٢٠٢٣-٢٠٢٤
تنصيف حيوي	علوم الحياة	المستوى الثالث	٢٠٢٢-٢٠٢٣
لغة انكليزية ٢	لغة انكليزي	المستوى الثاني	٢٠٢٣-٢٠٢٤

### النشاطات والمهام العلمية


### البحوث المنشورة

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AUTHOR FULL NAMES: Yagiz, Güler (57458840600); Noma, Samir Abbas Ali (57202381427); Altundas, Aliye (6508047760); Al-khafaji, Khattab (57215680494); Taskin-Tok, Tugba (56268532500); Ates, Burhan(٦٥٠٧٥٠٤١٢٣)  
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DOI: 10.1016/j.bioorg.2021.104654

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Rasel Ahmed (57226560468); Sarkar, Chandan (57216350120); Bappi, Mehedi Hasan (57959619900); de

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Hanif, Muhammad Asif (58399216100); Islam, Muhammad Torequl(٥٥٩٩١٧٩٢١٠٠)

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Anxiolytic-like Effect of Quercetin Possibly through GABA Receptor Interaction Pathway: In Vivo and In Silico Studies

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Using integrated computational approaches to identify safe and rapid treatment for SARS-CoV-2

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Recognizing novel drugs against Keap1 in Alzheimer's disease using machine learning grounded computational studies

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Hossain R., Al-Khafaji K., Khan R.A., Sarkar C., Shahazul Islam M.D., Dey D., Jain D., Faria F., Akbor R., Atolani O., Oliveira S.M.R., Siyadatpanah A., De Lourdes Pereira M., Islam M.T.

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٥٥٩٩١٧٩٢١٠٠ ;٣٥٥١٧٩٨٨٩٠٠

Quercetin and/or ascorbic acid modulatory effect on phenobarbital-induced sleeping mice possibly through gabaa and gabab receptor interaction pathway

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DOI: 10.3390/ph14080721

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;٥٥٣١٥٢٨٣٢٠٠ ;٥٧٢٢٤٥٠٨٨٠٥ ;٥٨٢٦٣٤٠٩٥٠٠ ;٥٧٩٥١٢٢٢٨٩٠٠ ;٥٧٢٠٤٢٦٥٧٣٠ ;٥٥٩٤٠٧٠٩٠٠٠  
٥٥٩٩١٧٩٢١٠٠ ;٣٦٤٥٣١٦٤٢٠٠ ;٣٥٢٣٦٧٩٥٤٠٠ ;٥٧٢٠٨٥١٠٠٢٣ ;٥٧٨٧١٥٧١٦٠٠ ;٥٧٩١٨٥١٨٥٠٠

GC-MS analysis, and evaluation of protective effect of Piper chaba stem bark against paracetamol-induced liver damage in Sprague-Dawley rats: Possible defensive mechanism by targeting CYP2E1 enzyme through in silico study



,٣٠٩ (٢٠٢٢)art. no. 121044  
DOI: 10.1016/j.lfs.2022.121044

Rafi M.O., Al-Khafaji K., Tok T.T., Rahman M.S.

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٥٨٢٦٥٨٧٦٤٠٠ ; ٥٦٢٦٨٥٣٢٥٠٠ ; ٥٧٢١٥٦٨٠٤٩٤ ; ٥٧٢٢٠١١٥٢٧١

Computer-based identification of potential compounds from *Salviae miltiorrhizae* against Neirisaral adhesion A regulatory protein

, (١٠) ٤٠ , (٢٠٢٢)pp. 4301 - 4313

DOI: 10.1080/07391102.2020.1856189

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٥٧٢٠٥٠٩١٧٨ ; ٣٦٧٠٣٠٣٢٥٠٠

Superior photo-induced antibacterial/antibiofilm activities of ZnPcs/TiO<sub>2</sub> and computational simulation studies

, (٢٧) ١١ , (٢٠٢٣)pp. 6361 - 6371

DOI: 10.1039/d3tb00056g

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٥٧٢١٥٦٨٠٤٩٤ ; ٥٨٠٢٧٧١٥٩٠٠ ; ٥٧٢٢١٩٦٧٨٥٧ ; ٥٧١٩٧٤٤٥٩٥٠

Phytochemical constituents of *Inula britannica* as potential inhibitors of dihydrofolate reductase: A strategic approach against shigellosis

, (٢٢) ٤٠ , (٢٠٢٢)pp. 11932 - 11947

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Molecular dynamics simulation, free energy landscape and binding free energy computations in exploration the anti-invasive activity of amygdalin against metastasis

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DOI: 10.1016/j.cmpb.2020.105660

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٥٥٦٧٥٠٢٠٤٠٠

Target prediction, computational identification, and network-based pharmacology of most potential phytoconstituent in medicinal leaves of *Justicia adhatoda* against SARS-CoV-2

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New tamoxifen analogs for breast cancer therapy: synthesis, aromatase inhibition and in silico studies

, (٢٢) ٤١ , (٢٠٢٣)pp. 12798 - 12807

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Diterpenes/diterpenoids and their derivatives as potential bioactive leads against dengue virus: A computational and network pharmacology study

,(٢٢) ٢٦ ,(٢٠٢١)art. no. 6821

DOI: 10.3390/molecules26226821

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The (NHC)PdBr2(2-aminopyridine) complexes: synthesis, characterization, molecular docking study, and inhibitor effects on the human serum carbonic anhydrase and serum bovine xanthine oxidase

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Nature-Derived Compounds as Potential Bioactive Leads against CDK9-Induced Cancer: Computational and Network Pharmacology Approaches

,(١٢) ١٠ ,(٢٠٢٢)art. no. 2512

DOI: 10.3390/pr10122512

Aktas S.H., Taskin-Tok T., Al-Khafaji K., Akın-Balı D.F.

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٥٧٢١١٦٤١٥١٣ ;٥٧٢١٥٦٨٠٤٩٤ ;٥٦٢٦٨٥٣٢٥٠٠ ;٥٥٦٥٥١٤٩٣٠٠

A detailed understanding of the COL10A1 and SOX9 genes interaction based on potentially damaging mutations in gastric cancer using computational techniques

,(٢٢) ٤٠ ,(٢٠٢٢)pp. 11533 - 11544

DOI: 10.1080/07391102.2021.1960194

## اللجان والتكليفات

السنة	الرقم الأمر	امر اللجنة / التكليف	اللجنة / التكليف
٢٠٢٣	٦٤٢/٩/ع/م	تكليف	العمل في شعبة التسجيل
٢٠٢٣		لجنة	لجنة امتحانية في قسم علوم البيئة
٢٠٢٣		لجنة	لجنة ضمان الجودة ومقاييس المختبرات في قسم علوم البيئة
٢٠٢٣		لجنة	لجنة علمية في قسم علوم البيئة

## المؤتمرات والدورات العلمية









ملاحظة : في حالة الموافقة على التعهد الالكتروني اعلاه , يرجى اختيار اللون الابيض في الخانة المرافقة ادنى التعهد " كلا , لا اوافق على التعهد اعلاه" والعكس صحيح.

جميع الحقوق محفوظة لدى جامعة الكرخ للعلوم @٢٠١٦