

**البحوث والدراسات والمقالات المنشورة في المجلات العالمية المصنفة  
(- SCOPUS ISI) لعام 1443هـ**

م	القسم	مسمى البحث أو الدراسة أو المقالة	اسم الباحث	الكلية / الجهة	جهة النشر	تاريخ النشر
.1	رياضيات	A new structure of optical solitons to the (n+1)-,NLSE	Abdelrahman M A. E., ahmoud Hassan S. Z. & Almulhem .Munera	College of Science and Humanities	Results in Physics, 37, .105535 <a href="https://doi.org/10.1016/j.rinp.2022.105535">https://doi.org/10.1016/j.rinp.2022.105535</a>	Pub.: June 2022
.2		The new structures of stochastic solutions for ,NLSEs	Abdelrahman Mahmoud A. E, Hassan S. D. Alsaleh ,Z Alomair & .M .R. A		Journal of Low Frequency Noise, Vibration & Active Control. <a href="https://doi.org/10.1177/14613484221095280">https://doi.org/10.1177/14613484221095280</a>	Ap.:Pub ,22 ril 2022
.3		The New Wave Structures to the Fractional Ion Sound and Langmuir Waves Equation in ,Plasma Physics	Abdelrahman Mahmoud A. E, Hassan S. R. Alomair ,Z Alsaleh & .A .D. M		Fractal Fract., 6(5). 227. <a href="https://doi.org/10.3390/fractalfract6050227">https://doi.org/10.3390/fractalfract6050227</a>	Pub.: 19 April 2022
.4		A new structure of solutions to the coupled nonlinear Maccari's systems in ,plasma physics	Alomair R. A., Hassan S. Z. Abdelrahman & .Mahmoud A. E		AIMS Mathematics, 7(5). <a href="https://doi.org/10.3934/math.2022479">https://doi.org/10.3934/math.2022479</a>	Pub.: 01 March 2022
.5		Mixture of Lindley and Weibull distribution: Properties and .estimation	A.F. Daghestani, K. S. Sultan, -A.S. AL Moisher		Journal of Statistics Applications & Probability <a href="https://doi.org/10.18576/jsap/100203">https://doi.org/10.18576/jsap/100203</a>	Pub.on July 1 .2021
.6	فيزياء	Controlling radiation degradation of a CMC solution to optimize the swelling of acrylic acid hydrogel as water and fertilizer carriers	.D. M ,Alshangiti ,Madani Mohamed M	College of Science and Humanities	SCOPUS	Sep 29 2021

SEP 13 2021	SCOPUS		.D. M ,Alshangiti ,Madani Mohamed M	Study of the corrosion-inhibiting activity of the green materials of the Posidonia leaves' oceanica ethanolic extract based on PVP in corrosive media ((1 M of HCl	.7
SEP 8 2021	SCOPUS		D. M ,Alshangiti	Impact of a of nanomixture carbon black and clay on the mechanical properties of a series of irradiated natural rubber/butyl rubber blend	.8
AUG 30 2021	SCOPUS		.D. M ,Alshangiti ,Madani Mohamed M	An overview of methods for production and detection of silver nanoparticles, with emphasis on their fate and toxicological effects on human, soil, and aquatic environment	.9
April 16, 2022	SCOPUS		,Zitouni Abdelkrim	Asynchronous dynamic arbiter for network on chip	10
February y 4, 2022	SCOPUS		.D. M ,Alshangiti ,Madani Mohamed M Huda ,Alkhaldis	Green synthesis of nanoparticles for varied applications: Green renewable resources and energy-efficient synthetic routes	11
February y 7, 2022	SCOPUS		.D. M ,Alshangiti ,Madani Mohamed M	Aspects of the physiochemical properties of SARS-CoV-2 to	12

				prevent S-protein receptor binding using Arabic gum		
MAY 2022	SCOPUS		.D. M ,Alshangiti ,Madani Mohamed M	Improving Impact of Starch/Acry)Polylic Acid) Superabsorbent Hydrogel on Growth and Biochemical Traits of Sunflower Under Drought Stress		13
02 2022 Feb	SCOPUS		,Madani Mohamed M Huda ,Alkhaldis	POTENTIAL EFFECT OF UV RADIATION ON THE OPTICAL AND ANTI-MICROBIAL PROPERTIES OF PVA/METAL-SALT NANOCOMPOSITES		14
April 202 14 2	SCOPUS	College of Science and Humanities	Huda ,Alkhaldis	Evaluations of structural, thermal, spectral, and magnetic properties of Li0.5Fe2.5O4 multi magnetic oxide -sol fabricated via gel auto-ignition technique	فيزياء	15
January 14 2022	SCOPUS		,Zitouni Abdelkrim	Case study of vision systems: Optimized compression architecture for wireless endorobots		16
2021	IET Biometrics		Baageel Hind	Spoofing detection on adaptive authentication System-A survey	حاس	17
2021	Front. Public Health, 11 October 2021		Thowiba ,Ahmed Dabiah and Alboaneen	Frontiers   A Predictive and Preventive Model for Onset of Alzheimer's Disease	ب آلي	18

2021	,(11)11,2021 .Appl. Sci ;4780		Alnaim Norah	Improvement of Traveling Salesman Problem Solution Using Hybrid Algorithm Based on Best-Worst Ant System and Particle Swarm Optimization		19
2021	<i>Electronics</i>		Alnaim Norah	HEVC's Intra Mode Selection Using Odds Algorithm		20
2021	Applied Science		Alnaim Norah	DOA Estimation in Low SNR Environment through Coprime :Antenna Arrays An Innovative Approach by Applying Flower Pollination Algorithm		21
2021	Applied Science		Alnaim Norah	Solar Power System Assessments Using ANN and Hybrid Boost Converter Based MPPT Algorithm		22
2022	Journal of Big Data		Alnaim Norah	Sentiment analysis for cruises in Saudi Arabia on social media platforms using machine learning algorithms		23
2021	Information Sciences	College of Science and Humanities	Alnaim Norah	Knowledge Graph-based -Multi-context aware Recommendation Algorithm	حاسب آلي	24
2021	Expert Systems with Applications		Alnaim Norah	A novel facial emotion recognition method for stress inference		25

				of facial nerve paralysis patients		
2021	J Multidiscip Healthc		Alnaim Norah	Current Satisf, Knowledge Use of E- ,action health Mobile Application among (Seha) the General Population of A :Saudi Arabia National Survey		26
2021	Information Sciences		Alnaim Norah	Hand Gesture Recognition Framework Using a Lie Group Based -Spatio Temporal Recurrent Network with Multiple Hand-Worn Motion Sensors		27
2021	Healthcare		Alnaim Norah	Evaluation of the Patient Experience with App Mawid the during the COVID-19 Pandemic in Al Saudi ,Hassa Arabia		28
2022			Dabiah Alboaneen	Development of a Web-Based Prediction System for Students' Academic Performance		29
Kritika Kultura	Aug. 2021	CSHJ	Ashma .Dr Shamail	Mapping the Sea Islands Culture in for Praisong the Widow	إنجلي زي	30

8-7 November 2021	Nov. 2021		Samah .Dr & Zakareya Fawziah .Ms Alqahtani	Active Learning Activities and Students' Engagement in Zoom Sessions during The Pandemic		31
IUP Publicat ions	June 2021	CSHJ	Ashma .Dr Shamail	Ritualistic Carnival: ,Storytelling Remembrance, and Celebration Paule of History in Marshall's The ,Chosen Place the Timeless People	إنجلي زي	32
2021	المجلة العلمية لجامعة الملك فيصل – العلوم الانسانية والإدارية العدد ٢٢		د. هانم أبو الخير نصار د. رفته مكرم برسوم	الذكاء الناجح وعلاقته بالتفكير الناقد لدى الطالبات الموهوبات بالمرحلة الثانوية بمدينة الجبيل		33
٢٠٢١	مجلة دراسات الطفولة – جامعة عين شمس المجلد ٢٤، العدد ٩٢		أ.د. نجلاء الزهار د. نهى الفضيل د. سامية مختار شهبو	فاعلية برنامج قائم علي استراتيجيات التعلم النشط في تنمية بعض المفاهيم الدينية لدي عينة من أطفال الروضة		34
2021	المجلة العلمية لجامعة الملك فيصل – العلوم الانسانية والإدارية المجلد ١ العدد ٢٢	كلية العلوم والدراسات الإنسانية / جامعة الامام عبدالرحمن بن فيصل	د. سامية مختار شهبو م. ميمونة حكيم	Individual " Educational Achievement of Children Under Five Years Old of as a Predictor School "Readiness	طفول ة مبكرة	35
2021	مجلة كلية التربية النوعية للدراسات التربوية والنوعية، المجلد ١٥ العدد ١		م. نواف السعيد د. علا موسى	مفهوم العنف والآثار المتربنة عليه من وجهة نظر أمهات أطفال الروضة بالمنطقة الشرقية بالسعودية		36
2021	المجلة الإلكترونية الشاملة متعددة التخصصات العدد ٣٨ شهر (٧) ٢٠٢١		م. نواف السعيد	The Influence of Early Technology Exposure on Early Childhood Learning		37
م2021	Multicultural Education journal DOI: 10.5281/zenodo.5640258 Volume 7, Issue		Afnan Abdulrahman Soha ,Almulla Badawi Mohammed	The Effectiveness of a Computerized Program in Developing	تربوية خاص ة	38

			Azza ,Mansour Munirah ,Afia Tahani ,Aldossary Reem ,Alshammari Elaf ,Alshammary Alajmi	Visual Perception Skills among Preschool Children with Specific Learning Difficulties		
2021م	Copernicana Oeconomia Volume 12 issue 4 2021 p-ISSN 2083-1277, e-ISSN 2353-1827		د. سهى بدوي م. الهنوف دحمان	THE CHALLENGES FACING TEACHERS IN TEACHING MATH'S SKILLS IN VIRTUAL CLASSES FOR PUPILS WITH MATHEMATICS DIFFICULTIES AT THE PRIMARY LEVEL IN SAUDI ARABIA	39	
2021م	PSYCHOLOGY AND EDUCATION 58(2): 3275- 3292 ISSN: 00333077		د. امل الحارثي	A Comparative Study of the Psychological Hardness of Excellent and Normal Students in the Secondary Stage in Saudi in Light Arabia Specialization of and Gender	40	
2021م	Turkish Journal of Rehabilitati Physiotherapy and Volume: 32 - Issue: 2 ,	كلية العلوم والدراسات الإنسانية / جامعة الامام عبدالرحمن بن فيصل	د. عبير طوسون وعد العواد	A comparison study on the University life the Adjustment case of Students with Disabilities	41	تربيه خاصة
2021م	SPECIJALNA EDUKACIJA Vol. ,I REHABILITACIJA do-od .20, Br. 3, str		د. كوثر جمال الدين رزان العتيبي	Prospective memory in students with learning disabilities	42	
2021م	Advances in Mechanics journal -1297p 3Volume9, issue 1302		د. عبير طوسون أ.د. هانم ابوالخير	A Structural Equation modeling analysis on the relation between Cognitive Flexibility and	43	

			Academic Achievement	
2021م	IJCSNS International Journal of Computer Science and Network ,Security ,VOL.21 No.10 https://doi.org/10.22937/IJCSNS.2021.21.10.36		Computerization of Curricula and Its Impact on Academic Achievement of Children with Learning Difficulties د. سهى بدوي د. ثويبة العوض د. يسرى	44
2022م	Athens Journal of Education, vol (9) p 1-15		The Effectiveness of Augmented Reality in Improving Students Motivation: An Experimental Study Malek Jdaitawi Fatima Muhaidat Ayat Alsharoa Abeer Alshlowi Marwa Turki Mona Abdelmoneim	45
2022م	Multicultural Education		Universal Design for Learning Principles and Students with Learning Disabilities: An application with general education teachers in Saudi Arabia ساره الشمري- د. عبير طوسون -ملاك القريشي	46
2022م	International Journal of Studies in Education and Science (IJSES), 3(2), 119-131		Attitudes of learning disabilities teachers towards use Augmented Reality Technology الطالبة: لما سالم الشمراي د. عبير طوسون أحمد نصر	47
2022	Education and Information Technologies	كلية العلوم والدراسات الإنسانية / جامعة الامام عبدالرحمن بن فيصل	Exploring Technology Readiness and Practices of Kindergarten Student-Teachers in Saudi Arabia: A Mixed-Methods Study جواهر الغامدي- فاطمة مصطفى- عائشه أبو بشيت	48 مناهج و طرق تدريس



2022	Handbook of Research on Teacher Education: Pedagogical Innovations and Practices in the Middle East		جواهر الغامدي	Equipping Student Teachers with Remote Teaching Competencies through an Online Practicum: A Case Study	مواد عامة ومس اعدة	49
	Journal of Education and Health Promotion Online ISSN: 2319-6440 Print ISSN: 2277-9531		منى سليمان، أماني خميس ، هاجر الحبيبي	The Impact of Mobile Phone Fitness Applications on The Level of Physical Fitness and Psychological Well-Being During COVID-19		50
2022	Green Processing and , (Synthesis, 2022, 11(1 pp. 150-163		,.M.M ,Ghobashy ,.D.M ,Alshangiti ,Alkhursani ,.M ,Madani,.S.A A.S ,Kodous	Aspects of the physiochemical properties of SARS-CoV-2 to prevent S-protein receptor binding using Arabic gum	مواد عامة ومس اعدة	51
2022	, Reviews Nanotechnology pp. 731-759 ,(1)11 ,2022		,.M ,Madani ,.S ,Hosny ,.D.M ,Alshangiti ,A.Alkhursani,S ,Ghobashy M.M., Gaber, .G.A	Green synthesis of nanoparticles for varied applications: Green renewable resources and energy-efficient synthetic routes		52
2021	Polymers for Advanced , (2)32 ,2021 , Technologies pp. 514-524		,Ghobashy -M.M., El ,Damhougy B.K., El-Wahab, ,.H.A ,Alkhursani... ,Alshangiti ,.S.A .D.M	Controlling radiation degradation of a CMC solution to optimize the swelling of acrylic acid hydrogel as water and fertilizer carriers		53
2021	Journal of Polymers and the , 2021,30 ,Environmentthis pp1973-1983		,Ghobashy M.M., Amin, N., ,Nady ,.M.A ,Gahtany-...Al .S.A., Zaher, A.A	Improving Impact of Starch/(Acry)Polylic Acid) Superabsorbent		54

				Hydrogel on Growth and Biochemical Traits of Sunflower Under Drought Stress		
2021	biomedical journal of technical & scientific research,2021,36(5), pp28957-28965		,A Amin Sameh S Abeer ,Meganid Emam Mona H and Amal A Al-Zahrani	The Tolerance Index for Different Growing Tree Plant Species in Jubail Industrial City, a Polluted Area, KSA		55
2021	Journal Of education and health promotion Online :2319-640 Print ISSN: 2277-9531 Q4		suliman Mona & elsaid Hager, others	The Impact of mobile phone fitness applications on the level of fitness physical and psychological during well-Bing : 19-COVID The case of university student		56
2021	(sociology of religion (Q1 ID: SOCREL-2021-185	كلية العلوم والدراسات الإنسانية / جامعة الامام عبدالرحمن بن فيصل	suliman Ghazwa anizi-al	Law of Attraction Critical Study in the Light of Empirical ,Science And Provisions of Islamic Religion	مواد عامة ومساعدة	57
2021	International Journal of Heritage Studies (Q1) ISSN:13527258,14703610		mohamed Fatima mubaraki	Visitors to the Great Mosque Mecca Of between impact and in fluence in the Mamluk era		58

## الأبحاث الممولة من شركات ومؤسسات القطاع الخاص عام 1443هـ

م	القسم	مسمى البحث أو الدراسة	اسم الباحث	الكلية / الجهة	مبلغ التمويل	مدة البحث
1	تربية خاصة	فاعلية برنامج ارشادي الكتروني لتنمية وعي أولياء أمور التلاميذ ذوي صعوبات التعلم عن دورهم في تعزيز المهارات المستقبلية لدى أبنائهم	د.سهى بدوي د.أفنان الملا د.جواهر الغامدي	كلية العلوم والدراسات الانسانية	6000	18 شهر

## أعضاء هيئة التدريس ومن في حكمهم الحائزين على جوائز علمية خلال عام 1443هـ

م	القسم	اسم الفائز بالجائزة	الكلية / الجهة	اسم الجائزة	الجهة المانحة للجائزة	مجال الجائزة	الأعمال التي استحق عليها الجائزة
1	رياضيات	د. ريم عبد العزيز العمير	كلية العلوم والدراسات الإنسانية	جائزة التميز في النشر العلمي	جامعة الامام عبد الرحمن بن فيصل	النشر العلمي	-النشر لأوراق علمية بالمجلات العلمية ضمن قوائم المجلات المعتمدة من الجامعة والمصنفة ( Q ، ) عدد 1 الفئة C ، عدد 1 الفئة ( B )
2		د. منيرة احمد الملحم	كلية العلوم والدراسات الإنسانية	جائزة التميز في النشر العلمي	جامعة الامام عبد	النشر العلمي	نشر ورقة علمية بإحدى

المجلات العلمية ضمن قوائم المجلات المعتمدة من الجامعة والمصنفة Q ، الفئة B	الرحمن بن فيصل	النشر العلمي				
-النشر لأوراق علمية بالمجلات العلمية ضمن قوائم المجلات المعتمدة من الجامعة والمصنفة Q ، ( ، عدد I الفئة C ، عدد I الفئة B)	النشر العلمي	جامعة الامام عبد الرحمن بن فيصل	جائزة التميز في النشر العلمي	كلية العلوم والدراسات الإنسانية	د. سامية زكي حسن	رياضيات 3
النشر المتميز مع الطالبات	البحث العلمي	جامعة الامام عبد الرحمن بن فيصل	جائزة مبادرة النشر مع الطلبة	كلية العلوم والدراسات الإنسانية	د ظبيه البوعيينين	حاسب آلي 4
بحث بعنوان " فاعلية التعلم القائم على المشروعات في تنمية مهارات المستقبل لدى عينة من طلاب التعليم العالي".	بحث علمي	أكاديمية طبية التعليمية بالتعاون مع الجمعية العربية للقياس والتقييم	جائزة المركز الأول في البحوث المقدمة في المؤتمر العلمي "العلمي" إعداد المعلم وفق رؤية (2030)	كلية العلوم والدراسات الإنسانية	د. رفته مكرم د. غادة النور	طفولة مبكرة 5

## أبرز المبادرات والبرامج والمشاريع التطويرية عام 1443 هـ

أبرز المنجزات	نسبة المتحقق خلال العام	الفئة المستهدفة	وصف مختصر عن الأهداف	اسم (المبادرة / البرنامج / المشروع)	م
<ul style="list-style-type: none"> <li>تنفيذ 5 ورش تدريبية مع مختصين بالدراسات العليا والابتعاث مع 10 متحدثين.</li> <li>شارك فيها 5 معيدات و</li> </ul>	100%	المعدين والمحاضرين	تهيئة المعدين والمحاضرين للدراسات العليا يتخلل البرنامج ورش تدريبية تطبيقية منتهية بهمام يكلفون بها من أجل	مبادرة تأهب	1.

<p>23 محاضر و 8 مرشحات</p> <ul style="list-style-type: none"> <li>1 تقديم على الابتعاث الخارجي و 12 خطاب الغرض من الدراسة و 3 مقتر بحثي و 7 ملف في نظام مبتعث و 4 قبول أكاديمي</li> </ul>			<p>الاستفادة من ما تم تعلمه في الورش التدريبية</p>		
<ul style="list-style-type: none"> <li>تم عمل 35 تهنئة على 35 بحث منشور في مجلات مصنفة ل 64 باحث وباحثه.</li> </ul>	<p>100%</p>	<p>جميع أعضاء الهيئة التعليمية</p>	<p>تهنئة على النشر العلمي في أوعية النشر المصنفة المعتمدة للترقية لتشجيع الباحثين من منسوبي الكلية على البحث العلمي المصنف وزيادة عدد الترقيات الأكاديمية</p>	<p>مبادرة (بطاقة التهنئة)</p>	<p>.2</p>
<ul style="list-style-type: none"> <li>تم تكريم 28 باحث وباحثه بوسام الباحث المتميز.</li> </ul>	<p>100%</p>	<p>جميع أعضاء الهيئة التعليمية</p>	<p>تكريم أعضاء هيئة التدريس بوسام (الباحث المتميز) ممن نشروا أبحاث ذات التصنيف Q1-Q4 للأقسام الإنسانية و Q2-Q1 للأقسام العلمية</p>	<p>مبادرة الباحث المتميز</p>	<p>.3</p>

<p>9</p> <p>• جولات استشارية بمعدل ساعتين في كل جوله</p>	<p>100%</p>	<p>جميع أعضاء الهيئة التعليمية</p>	<p>جولات استشارية قامت بها وكيلة الدراسات العليا والبحث العلمي و طيبة البوعينين للأقسام التعليمية كلاً على حده للرد على استفسارات المتعلقة بالدراسات العليا والبحث والنشر العلمي</p>	<p>مبادرة جولة مستشار</p> <p>.4</p>
<p>• خمس اضاءات بحثية (مبادرة دعم الأبحاث في مجالات تنمية القدرات البشرية/الموافقة الأخلاقية ونظام كونفيرس)</p>	<p>100%</p>	<p>جميع أعضاء الهيئة التعليمية</p>	<p>استضافة المختصين من الجامعة لتعريف أعضاء هيئة التدريس بكل ما يخص النشر العلمي (المجلات المعتمدة للترقية/مكافئات التميز/المشاريع الممولة) لتقليل مخالفات لوائح الجامعة</p>	<p>مبادرة سلسلة إضاءات بحثية</p> <p>.5</p>
<p>رفع بيانات جميع أعضاء الهيئة التعليمية المبتعثين على لوحة الابتعاث</p>	<p>100%</p>	<p>و العميدة ونسب المبتعثات رئيسات لكل قسم سواء الأقسام</p>	<p>تسهيل الوصول الى بيانات الأعضاء لكل قسم كما تستعرض اللوحة بيانات إحصائية بعدد المبتعثات ونسب المبتعثات رئيسات لكل قسم سواء الأقسام داخلي او خارجي مما يسهل على القسم اتخاذ القرارات المتعلقة بالابتعاث</p>	<p>لوحة الابتعاث الالكترونية</p> <p>.6</p>
<p>تنفيذ ١٠ ورش تدريبية</p>	<p>100%</p>	<p>طالبات المستوى الرابع والسادس والسابع والثامن والطفولة قسم المبركة</p>	<p>تهدف المبادرة إلى نشر ثقافة البحث العلمي بين طالبات الطفولة المبركة، مع دعم الطالبات بمجموعة من</p>	<p>مبادرة باحث</p> <p>.7</p>

			المهارات البحثية يهدف رفع كفاءتهم البحثية، وقدراتهم على البحث والتقصي.		
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### Research Studies and Articles Published in Classified International Journals

Date of Publication	Publisher	Affiliation	(Researcher(s	Study Title	Department	No
Pub.: June 2022	Results in Physics, 37, .105535 <a href="https://doi.org/10.1016/j.rinp.2022.105535">https://doi.org/10.1016/j.rinp.2022.105535</a>	College of Science and Humanities	Abdelrahman A. Mahmoud E., Hassan S. .Z & Almulhem .Munera	A new structure of optical solitons to the ,(n+1)-NLSE	Mathematics	1
A.:Pub ,22 pril 2022	Journal of Low Frequency Noise, Vibration & Active Control. <a href="https://doi.org/10.1177/14613484221095280">https://doi.org/10.1177/14613484221095280</a>		Abdelrahman Mahmoud A. E, Hassan S. D. Alsaleh ,Z Alomair & .M .R. A	The new structures of stochastic solutions for ,NLSEs		2
Pub.: 19 April 2022	Fractal Fract., 6(5). 227. <a href="https://doi.org/10.3390/fractalfract6050227">https://doi.org/10.3390/fractalfract6050227</a>		Abdelrahman Mahmoud A. E, Hassan S. R. Alomair ,Z Alsaleh & .A .D. M	The New Wave Structures to the Fractional Ion Sound and Langmuir Waves Equation in Plasma ,Physics		3
Pub.: 01 March 2022	AIMS Mathematics, 7(5). <a href="https://doi.org/10.3934/math.2022479">https://doi.org/10.3934/math.2022479</a>		Alomair R. A., Hassan S. Z. Abdelrahman & .Mahmoud A. E	A new structure of solutions to the coupled nonlinear Maccari's systems in ,plasma physics		4
Pub.on July 1 .2021	Journal of Statistics Applications & Probability <a href="https://doi.org/10.18576/jsap/100203">https://doi.org/10.18576/jsap/100203</a>		A.F. Daghestani, K. S. Sultan, -A.S. AL Moisheer	Mixture of Lindley and Weibull distribution:		5

				Properties and .estimation		
Sep 29 2021	SCOPUS	College of Science and Humanities	D. ,Alshangiti .M ,Madani Mohamed M	Controlling radiation degradation of a CMC solution to optimize the swelling of acrylic acid hydrogel as water and fertilizer carriers	Physics	.6
SEP 13 2021	SCOPUS		D. ,Alshangiti .M ,Madani Mohamed M	Study of the corrosion-inhibiting activity of the green materials of the Posidonia leaves' oceanica ethanolic extract based on PVP in corrosive media (1 M of (HCl		.7
SEP 8 2021	SCOPUS		D. M ,Alshangiti	Impact of a of nanomixture carbon black and clay on the mechanical properties of a series of irradiated natural rubber/butyl rubber blend		.8
AUG 30 2021	SCOPUS		D. ,Alshangiti .M ,Madani Mohamed M	An overview of methods for production and detection of silver nanoparticles, with emphasis on their fate and toxicological effects on human, soil, and aquatic environment		.9



April 16, 2022	SCOPUS		,Zitouni Abdelkrim	Asynchronous dynamic arbiter for network on chip		10
February 4, 2022	SCOPUS		D. ,Alshangiti .M ,Madani Mohamed M Huda ,Alkhaldi S	Green synthesis of nanoparticles for varied applications: Green renewable resources and energy-efficient synthetic routes		11
February 7, 2022	SCOPUS		D. ,Alshangiti .M ,Madani Mohamed M	Aspects of the physiochemical properties of SARS-CoV-2 to prevent S-protein receptor binding using Arabic gum		12
MAY 2022	SCOPUS		D. ,Alshangiti .M ,Madani Mohamed M	Improving Impact of Starch/(Acryloyl)Poly (acrylic Acid) Superabsorbent Hydrogel on Growth and Biochemical Traits of Sunflower Under Drought Stress		13
02 2022 Feb	SCOPUS	College of Science and Humanities	,Madani Mohamed M Huda ,Alkhaldi S	POTENTIAL EFFECT OF UV RADIATION ON THE OPTICAL AND ANTI-MICROBIAL PROPERTIES OF PVA/METAL-SALT NANOCOMPOSITES	Physics	14
April 2021 14 2	SCOPUS		Huda ,Alkhaldi S	Evaluations of structural, thermal, spectral, and magnetic properties of $\text{Li}_{0.5}\text{Fe}_{2.5}\text{O}_4$ multi magnetic oxide fabricated via sol-		15

				gel auto-ignition technique		
January 14 2022	SCOPUS		,Zitouni Abdelkrim	Case study of vision systems: Optimized compression architecture for wireless endorobots		16
2021	IET Biometrics		Baageel Hind	Spoofing detection on adaptive authentication System-A survey		17
2021	Front. Public Health, 11 October 2021		,Ahmed and Thowiba Dabiah Alboaneen	Frontiers   A Predictive and Preventive Model for Onset of Alzheimer's Disease		18
2021	,(11)11,2021 .Appl. Sci ;4780		Alnaim Norah	Improvement of Traveling Salesman Problem Solution Using Hybrid Algorithm Based on Best-Worst Ant System and Particle Swarm Optimization	Computer Science	19
2021	Electronics		Alnaim Norah	HEVC's Intra Mode Selection Using Odds Algorithm		20
2021	Applied Science		Alnaim Norah	DOA Estimation in Low SNR Environment through Coprime Antenna Arrays: An Innovative Approach by Applying Flower Pollination Algorithm		21
2021	Applied Science		Alnaim Norah	Solar Power System Assessments		22

				Using ANN and Hybrid Boost Converter Based MPPT Algorithm		
2022	Journal of Big Data		Alnaim Norah	Sentiment analysis for cruises in Saudi Arabia on social media platforms using machine learning algorithms		23
2021	Information Sciences	College of Science and Humanities	Alnaim Norah	Knowledge Graph-based -Multi-context aware Recommendation Algorithm	Computer Science	24
2021	Expert Systems with Applications		Alnaim Norah	A novel facial emotion recognition method for stress inference of facial nerve paralysis patients		25
2021	J Multidiscip Healthc		Alnaim Norah	Current Satis, Knowledge Use of ,faction E-health Mobile Application among (Seha) the General Population of A :Saudi Arabia National Survey		26
2021	Information Sciences		Alnaim Norah	Hand Gesture Recognition Framework Using a Lie Group Based -Spatio Temporal Recurrent Network with Multiple Hand-Worn Motion Sensors		27

2021	Healthcare		Alnaim Norah	Evaluation of the Patient Experience with App Mawid the during the COVID-19 Pandemic in Al Saudi ,Hassa Arabia		28
2022			Dabiah Alboaneen	Development of a Web-Based Prediction System for Students' Academic Performance		29
Kritika Kultura	Aug. 2021	CSHJ	Ashma .Dr Shamail	Mapping the Sea Islands Culture in for Praisesong the Widow	English Language	30
8-7 November 2021	Nov. 2021		Samah .Dr & Zakareya Fawziah .Ms Alqahtani	Active Learning Activities and Students' Engagement in Zoom Sessions during The Pandemic		31
IUP Publications	June 2021	CSHJ	Ashma .Dr Shamail	Ritualistic Carnival: ,Storytelling Remembrance, and Celebration of History in Marshall's Paule The Chosen ,Place the Timeless People	English Language	32
2021	King Faisal University Scientific Magazine- Social sciences Volume 22	College of Science and Humanities	Hanem .Dr Nassar Abulkhair Refqa .Dr & Makram Bersoom	Successful Intelligence and Relationship its Critical to Thinking among Female Gifted Students in Secondary in Schools Jubail	Early Education	33

2021	Childhood Studies Magazine, Ain (Shams University, 24(92		Najla .Dr .Dr ,Azahhar & ,Alfadhe Nuha Samia .Dr Shahboo Mukhtar	The Effectiveness of a Program based on Active Learning Strategies In Developing Religious Concepts on a Sample of Kindergarten Children		34
2021	King Faisal University Scientific Magazine- Social sciences Volume 22		Samia .Dr Mukhtar & Shahboo Maymoona Hakeem	Individual " Educational Achievement of Children Under Five Years Old as a Predictor of School "Readiness		35
2021	The Educational Qualitative Studies Magazine at the College of (Education, 15(1		& Alsaeed Nouf Dr. Ola Mousa	The Concept of Violence and its Consequences from the Points of View of Mothers of Kindergarten Children in the Eastern Province of Saudi Arabia		36
2021	month The E-Magazine, 38, 7 <sup>th</sup> 2021		Alsaeed Nouf	The Influence of Early Technology Exposure on Early Childhood Learning		37
2021	Multicultural Education journal DOI: 10.5281/zenodo.5640258 Volume 7, Issue		Afnan Abdulrahman Soha ,Almulla Badawi Mohammed Azza ,Mansour Mumirah ,Afia Tahani ,Aldossary ,Alshammari Reem Elaf ,Alshammary Alajmi	The Effectiveness of a Computerized Program in Developing Visual Perception Skills among Preschool Children with Specific	تربوية خاصة	38

				Learning Difficulties		
2021	Copernicana Oeconomia Volume 12 issue 4 2021 p-ISSN 2083-1277, e-ISSN 2353-1827		Badawi Suha .Dr Alhanoof & Dahman	The Challenges Facing Teachers In Teaching Math's Skills In Virtual Classes For Pupils With Mathematics Difficulties At The Primary Level In Saudi Arabia		39
2021	PSYCHOLOGY AND EDUCATION 58(2): 3275- 3292 ISSN: 00333077		Dr. Amal Alharthu	A Comparative Study of the Psychological Hardness of Excellent and Normal Students in the Secondary Stage in Saudi Arabia in Light of Specialization and Gender		40
2021	Turkish Journal of Physiotherapy and Volume: 32 - , Rehabilitati Issue: 2		Abeer .Dr and Tosoon Alawwad Waad	A comparison study on the University life Adjustment the case of Students with Disabilities		41
2021	SPECIJALNA EDUKACIJA I Vol. ,REHABILITACIJA do-od .20, Br. 3, str		kawthar .Dr & Jamaladen Alotaibi Razan	Prospective memory in students with learning disabilities	تربوية خاصة	42
2021	Advances in Mechanics journal -1297p 3Volume9, issue 1302		Abeer .Dr .Dr & Tosoon Hanem Abulkhair	A Structural Equation modeling analysis on the relation between Cognitive Flexibility and Academic Achievement		43
2021	IJCSNS International Journal of Computer Science and ,Network Security ,VOL.21 No.10 <a href="https://doi.org/10.22937/IJCSNS.2021.21.10.36">https://doi.org/10.22937/IJCSNS.2021.21.10.36</a>		Suha .Dr .Badawi, Dr Thawbiya .Dr & Alawadh Yosra	Computerization of Curricula and Its Impact on Academic Achievement of Children with		44

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				Learning Difficulties	
2022	Athens Journal of Education, vol (9) p 1-15		Malek Jdaitawi Fatima Muhaidat Ayat Alsharoa Abeer Alshlowi Marwa Turki Mona Abdelmoneim	The Effectiveness of Augmented Reality in Improving Students Motivation: An Experimental Study	15
2022	Multicultural Education		Sara .Dr ,Alshammari Tosoon Abeer Malak & Alquraishi	Universal Design for Learning Principles and Students with Learning Disabilities: An application with general education teachers in Saudi Arabia	16
2022	International Journal of Studies in Education and Science (IJSES), 3(2), 119-131		Lama & Alshamrani Abeer .Dr Tosoon	Attitudes of learning disabilities teachers towards use Augmented Reality Technology	17
2022	Education and Information Technologies	College of Science and Humanities	Jawaher Alghamdi, Fatima Mustafa, Bubshait Aisha	Exploring Technology Readiness and Practices of Kindergarten Student-Teachers in Saudi Arabia: A Mixed-Methods Study	18
2022	Handbook of Research on Teacher Education: Pedagogical Innovations and Practices in the Middle East		Jawaher Alghamdi	Equipping Student Teachers with Remote Teaching Competencies through an Online Practicum: A .Case Study	19

مناهج و طرق تدريس

	Journal of Education and Health Promotion Online ISSN: 2319-6440 Print ISSN: 2277-9531		Muna ,Sulaiman Amani & Khamees Alhabibi Hajar	The Impact of Mobile Phone Fitness Applications on The Level of Physical Fitness and Psychological Well-Being During COVID-19		50
2022	Green Processing and , (Synthesis, 2022, 11(1 pp. 150-163		,Ghobashy ,M.M ,D.M ,Alshangiti ,Alkhursani ,Madani,,S.A ,Kodous ,M A.S	Aspects of the physiochemical properties of SARS-CoV-2 to prevent S-protein receptor binding using Arabic gum		51
2022	, Reviews Nanotechnology pp. 731-759 ,(1)11 ,2022		,M ,Madani ,S ,Hosny ,D.M ,Alshangiti ,A.Alkhursani,S ,Ghobashy M.M., Gaber, .G.A	Green synthesis of nanoparticles for varied applications: Green renewable resources and energy-efficient synthetic routes		52
2021	Polymers for Advanced ,(2)32 ,2021 , Technologies pp. 514-524		,Ghobashy -M.M., El ,Damhougy B.K., El-Wahab, ,H.A ,Alkhursani... ,Alshangiti ,S.A .D.M	Controlling radiation degradation of a CMC solution to optimize the swelling of acrylic acid hydrogel as water and fertilizer carriers	مواد عامة ومساعدة	53
2021	Journal of Polymers and the ,2021,30 ,Environmentthis pp1973-1983		,Ghobashy M.M., Amin, N., ,Nady ,M.A ,Gahtany-...Al S.A., Zaher, .A.A	Improving Impact of Starch/Acr)Poly (ylic Acid) Superabsorbent on Hydrogel Growth and Biochemical Traits of Sunflower		54



				Under Drought Stress		
2021	biomedical journal of technical & scientific research,2021,36(5), pp28957-28965		,A Amin Sameh S Abeer ,Meganid Emam Mona H and Amal A Al-Zahrani	The Tolerance Index for Different Growing Tree Plant Species in Jubail Industrial City, a Polluted Area, KSA		55
2021	Journal Of education and health promotion Online :2319-640 Print ISSN: 2277-9531 Q4	College of Science and Humanities	suliman Mona & elsaid Hager, others	The Impact of mobile phone fitness applications on the level of physical fitness and psychological well-Bing -during COVID The case of : 19 university student	Assistant Subjects	56
2021	(sociology of religion (Q1 ID: SOCREL-2021-185		suliman Ghazwananizi-al	Law of Attraction Critical Study in the Light of Empirical ,Science And Provisions of Islamic Religion		57
2021	International Journal of Heritage Studies (Q1) ISSN:13527258,14703610		Fatima mohamed mubaraki	Visitors to the Great Mosque Mecca Of between impact and in fluence in the Mamluk era		58

### The Most Prominent Development Initiatives, Programs and Projects In 1443 AH

Notable Achievements	Achieved	Target group	Overview of its Objectives	Initiative Title	م
- Implemented 5 training workshops with specialists in graduate studies and scholarships and 10 speakers.	%100	teaching assistants and lecturers	Preparing teaching assistants and lecturers for postgraduate studies. The	Be Prepared	.8

<p>- 5 teaching assistants, 23 lecturers, and 8 guides participated in these</p> <p>- 1 application for an external scholarship, 12 letters of purpose of study, 3 research proposals, 7 files in the scholarship system, and 4 academic acceptance letters.</p>			<p>program includes applied training workshops with tasks to benefit from what was learned in the training workshops.</p>		
<ul style="list-style-type: none"> <li>• 35 congratulation cards gifted for 35 researches by 64 researchers.</li> </ul>	<p>%100</p>	<p>Faculty members</p>	<p>Congratulations on scientific publishing in classified journals to encourage college-affiliated researchers to engage in scientific research and increase the number of academic promotions.</p>	<p>Congratulation Card</p>	<p>.9</p>
<ul style="list-style-type: none"> <li>• 28 researchers were awarded the “Distinguished Researcher” medal</li> </ul>	<p>%100</p>	<p>Faculty members</p>	<p>Honoring faculty members with the “Distinguished Researcher” medal to those who published research classified as Q1-Q4 for humanities departments and Q1-Q2 for scientific departments.</p>	<p>Distinguished Researcher</p>	<p>.10</p>

<ul style="list-style-type: none"> <li>9 Consultant tours each of 2 hours</li> </ul>	<p>%100</p>	<p>Faculty members</p>	<p>Consultant tours were made by the Vice Dean for Postgraduate Studies and Scientific Research, Dr -Al Dhabiya to ,Buainain the educational departments individually to respond to inquiries related to postgraduate studies, research, and scientific publishing.</p>	<p>Consultant Tour</p>	<p>.11</p>
<p>- Five research insights (initiative to support research in human capacity development journals/ ethical approval and the Converse system)</p>	<p>%100</p>	<p>Faculty members</p>	<p>Hosting specialists from the university to familiarize faculty members with everything related to scientific publishing (journals approved for promotion/ excellence rewards/ funded projects) to reduce violations of university regulations.</p>	<p>Research Insights</p>	<p>.12</p>
<p>Uploading members' data in the panel</p>	<p>%100</p>	<p>&amp; Dean Heads of Departments</p>	<p>Facilitating access to members' data in each department.</p>	<p>E-Scholarship Panel</p>	<p>.13</p>

			The panel also displays statistical data on the number and percentage of scholarship students in each department, whether internal or external, which makes it easier for the department to make decisions related to scholarships.		
workshops conducted 10	%100	Students of 8 & Levels 4, 6, 7 in the Early Education Department	The initiative aims to spread the culture of scientific research among the students, while supporting them with a set of research skills aiming for research efficiency and promoted abilities to research and investigate.	Researcher	.14