



د. أحمد محمد خالد الصمادي

aalsmadi@zu.edu.jo

كلية تكنولوجيا المعلومات/ علم البيانات والذكاء الاصطناعي

الرتبة الأكاديمية: أستاذ مساعد

العضويات:

1.	عضو في لجنة الاعتماد وضمان الجودة والتخطيط الإستراتيجي - البحث العلمي - جامعة الزرقاء
2.	عضو لجنة الخطة الدراسية والمعادلات والإرشاد
3.	عضو في لجنة الأنشطة وخدمة المجتمع - جامعة الزرقاء
4.	عضو في اللجنة الاجتماعية - جامعة الزرقاء

المؤهلات العلمية:

1.	2022: دكتوراه / علوم الحاسوب والتكنولوجيا / الذكاء الاصطناعي
2.	2018: ماجستير هندسة المعلومات والاتصالات / معالجة المعلومات الذكية
3.	2014: بكالوريوس هندسة حاسبات
4.	2009: شهادة الثانوية العامة (الفرع العلمي)

الخبرات التدريسية:

1.	من 2023	الى الآن	عضو هيئة تدريس في جامعة الزرقاء
2.	من 2019	إلى 2022	مساعد تدريس. كلية الذكاء الاصطناعي، جامعة شيدان - الصين
3.	من 2014	إلى 2015	مدرس مساعد-جامعة البلقاء التطبيقية (كلية عجلون الجامعية). دوام جزئي



الأبحاث المنشورة والمقبولة للنشر:

ت	عنوان البحث	جهة النشر	السنة والاصدار
1.	Pansharpening with multi-CAE: impact of patch size and overlapping pixels on spectral and spatial distortion	TELKOMNIKA (Telecommunication Computing Electronics and Control)	2024, Vol.22, no. 4
2.	Enhancing Mild Cognitive Impairment Detection through Efficient Magnetic Resonance Image Analysis	Computers, Materials & Continua	2024, 80(2)
3.	Hybrid topic modeling method based on dirichlet multinomial mixture and fuzzy match algorithm for short text clustering	Journal of Big Data	2024, vol.11, no.1
4.	Advancing Oncology Diagnostics: AI-Enabled Early Detection of Lung Cancer through Hybrid Histological Image Analysis	IEEE ACCESS	2024, vol.24
5.	LightGBM: A Leading Force in Breast Cancer Diagnosis Through Machine Learning and Image Processing	IEEE ACCESS	2024, vol.24
6.	Smart Medical Application of Deep Learning (MUNet) for Detection of COVID-19 from Chest Images	Journal of Wireless Mobile Networks, Ubiquitous Computing, and Dependable Applications (JoWUA).	2024, vol.15, no.1
7.	Intrusion Detection Using an Improved Cuckoo Search Optimization Algorithm	Journal of Wireless Mobile Networks, Ubiquitous Computing, and Dependable Applications (JoWUA).	2024, vol.15, no.2
8.	1D Convolutional LSTM-based wind power prediction integrated with PkNN data imputation technique	Journal of King Saud University-Computer and Information Sciences	2023, vol. 35, no.10
9.	Health care intelligent system: A neural network based method for early diagnosis of Alzheimer's disease using MRI images	Expert Systems	Vol.39, no. (9), pp. e13003. 2021
10.	A pansharpening based on the non-subsampled contourlet transform and	IEEE Access.	Vol. 22, no. 10, pp. 44778-88. 2022



		convolutional autoencoder: Application to QuickBird imagery.	
vol. 12, no. 2, 2022	International Journal of Electrical and Computer Engineering	Deep convolutional neural network-based system for fish classification.	.11
Vol. 32, 2022	Informatics in Medicine Unlocked	SEL-COVIDNET: An intelligent application for the diagnosis of COVID-19 from chest X-rays and CT-scans	.12
2021Dec, vol. 1, pp. 1-20.	EURASIP Journal on Image and Video Processing.	Pansharpening based on convolutional autoencoder and multi-scale guided filter.	.13
2021, vol. 15, no. 11	IET Image Processing.	Smart pansharpening approach using kernel-based image filtering.	.14
Vol. 11, no. 3	International Journal of Electrical & Computer Engineering	Fog computing scheduling algorithm for smart city.	.15
Vol. 11, no. 3	International Journal of Electrical & Computer Engineering	Files cryptography based on one-time pad algorithm.	.16
Vol. 460	Neuroscience	A transfer learning approach for early diagnosis of Alzheimer's disease on MRI images.	.17
Vol. 5, 2018	International Journal of Image Processing and Visual Communication	Pansharpening via deep guided filtering network.	.18

الكتب المؤلفة:

ت	عنوان الكتاب	جهة النشر	السنة
.1			
.2			
.3			

الكتب المترجمة:



جامعة الزرقاء - الأردن

السيرة الذاتية

ت	عنوان الكتاب	المؤلفين	جهة النشر	السنة
1.				
2.				

المقالات:

ت	عنوان المقال	جهة النشر	السنة والاصدار
1.			
2.			

المؤتمرات العلمية:

ت	اسم المؤتمر	الجهة المنظمة	عنوان البحث	فترة المؤتمر
1.	The 14th International Conference on Ambient Systems, Networks and Technologies (ANT), Leuven, Belgium	Acadia University/ Procedia Computer Science/ Elsevier	RFID in Health care: A review of the real-world application in hospitals	March 15-17, 2023
2.	26th International Computer Science and Engineering Conference (ICSEC)	Kasetsart University, Chalmrphrakiat Sakon Nakhon Province Campus Publisher/IEEE	Information Systems in Medical Settings: A Covid-19 Detection System Using X-Ray Scans	21-23 December 2022
3.	2022 international conference on electrical, computer and energy technologies (ICECET)	Aksaray university and Czech university of life sciences prague Publisher/IEEE	Smart Health Care System for Early Detection of COVID-19 Using X-ray Scans	20-22 July 2022
4.	45th Jubilee International Convention on Information, Communication and Electronic Technology (MIPRO)	MIPRO) IEEE Conference	Smart RFID application in health care: Using RFID technology for smart inventory and logistic systems in hospitals	23-27 May 2022
5.	The 13th International Conference on Ambient Systems, Networks and	Acadia University/ Procedia Computer Science/ Elsevier	Evaluation of E-learning Experience in the Light of the Covid-19 in Higher Education	March 22 - 25, 2022



			Technologies (ANT) March 22 - 25, 2022, Porto, Portugal	
November 1-4, 2021	Brain Image Fusion Approach based on Side Window Filtering	Acadia University/ Procedia Computer Science/ Elsevier	International Workshop on Emerging Advancements and Technologies in Healthcare (EATH 2021) Leuven, Belgium	6.
December 30-31- 2021	An intelligent information system and application for the diagnosis and analysis of COVID-19	Lecture Notes in Networks and Systems book series/ Springer International Publishing	Intelligent Computing & Optimization: Proceedings of the 4th International Conference on Intelligent Computing and Optimization 2021 (ICO2021)	7.
December 25 - 27, 2020	Vehicle counting using detecting-tracking combinations: A comparative analysis	Xidian University-China Publisher/ ACM Digital Library	Proceedings of the 2020 4th International Conference on Video and Image Processing	8.
November 23 - 25, 2019	Data Mining in Health Care Sector: Literature Notes	Queensland University of Technology, City University of Hong Kong. Publisher/ ACM Digital Library	Proceedings of the 2019 2nd International Conference on Computational Intelligence and Intelligent Systems	9.
May 2 - 4, 2019	Healthcare Applications of Intelligent Information Systems: A Novel Technique for Medical Image Fusion	University of Crete/SCITEPRESS Digital Library	5th International Conference on Information and Communication Technologies for Ageing Well and e-Health	10.
December 29 - 31, 2018	Intelligent information systems and image processing: A novel pan-sharpening technique based on Multiscale decomposition	Kyoto University, TU. Publisher/ ACM Digital Library	Proceedings of the 2018 2nd International Conference on Video and Image Processing	11.

الإشراف على الرسائل الجامعية:



السيرة الذاتية

جامعة الزرقاء - الأردن

ت	اسم الطالب	عنوان الرسالة	الجامعة	السنة
1.				
2.				
3.				

المعلومات الشخصية:

الاسم	:	أحمد محمد خالد الصمادي
مكان وتاريخ الميلاد	:	عنجرة - عجلون 1991 / 9 / 5
الجنسية	:	أردني
الحالة الاجتماعية	:	متزوج
عنوان السكن	:	شفابدران - عمان
هاتف العمل	:	فرعي
الهاتف النقال	:	
العنوان البريدي	:	