د. أحمد محمد خالد الصمادي

aalsmadi@zu.edu.jo

كلية تكنولوجيا المعلومات/ علم البيانات والذكاء الاصطناعي

الرتبة الاكاديمية: أستاذ مساعد

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 شيديان- 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.	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
2.	A pansharpening based on the non-subsampled contourlet transform and convolutional autoencoder: Application to QuickBird imagery.	IEEE Access.	Vol. 22, no. 10, pp. 44778-88. 2022
3.	Deep convolutional neural network-based system for fish classification.	International Journal of Electrical and Computer Engineering	Vol. 12, no. 2, 2022, pp.2026.
4.	SEL-COVIDNET: An intelligent application for the diagnosis of COVID-19 from chest X-rays and CT-scans	Informatics in Medicine Unlocked	Vol. 32, 2022, pp. 101059.
5.	Pansharpening based on convolutional autoencoder and multi-scale guided filter.	EURASIP Journal on Image and Video Processing.	2021Dec, vol. 1, pp. 1-20.
6.	Smart pansharpening approach using kernel-based image filtering.	IET Image Processing.	2021 Sep, vol. 15, no. 11, pp. 629-42.
7.	Fog computing scheduling algorithm for smart city.	International Journal of Electrical & Computer Engineering	Vol. 11, no. 3, 2021.
8.	Files cryptography based on one-time pad algorithm.	International Journal of Electrical & Computer Engineering	Vol. 11, no. 3, 2021.
9.	A transfer learning approach for early diagnosis of Alzheimer's disease on MRI images.	Neuroscience	Vol. 460, pp. 43-52, 2021.
10.	Pansharpening via deep guided filtering network.	International Journal of Image Processing and Visual Communication	Vol. 5, pp. 1-8, 2018.

الكتب المؤلفة:

ت	عنوان الكتاب	جهة النشر	السنة

			.1
			.2
			.3

الكتب المترجمة:

السنة	جهة النشر	المؤلفين	عنوان الكتاب	ت
				.1
				.2

المقالات:

السنة والاصدار	جهة النشر	عنوان المقال	ت
			.1
			.2

المؤتمرات العلمية:

فترة المؤتمر	عنوان البحث	الجهة المنظمة	اسم المؤتمر	ت
March 15-17, 2023	RFID in Health care: A review of the real-world application in hospitals	Acadia University/ Procedia Computer Science/ Elsevier	The 14th International Conference on Ambient Systems, Networks and Technologies (ANT), Leuven, Belgium	1.
21-23 December 2022	Information Systems in Medical Settings: A Covid-19 Detection System Using X-Ray Scans	Kasetsart University, Chalermphrakiat Sakon Nakhon Province Campus Publisher/IEEE	26th International Computer Science and Engineering Conference (ICSEC)	2.
20-22 July 2022	Smart Health Care System for Early Detection of COVID-19 Using X-ray Scans	Aksaray university and Czech university of life sciences prague	2022 international conference on electrical, computer and energy technologies (ICECET)	3.

		Publisher/IEEE		
23-27 May 2022	Smart RFID application in health care: Using RFID technology for smart inventory and logistic systems in hospitals	MIPRO) | IEEE Conference	45th Jubilee International Convention on Information, Communication and Electronic Technology (MIPRO)	4.
March 22 - 25,2022	Evaluation of E-learning Experience in the Light of the Covid-19 in Higher Education	Acadia University/ Procedia Computer Science/ Elsevier	The 13th International Conference on Ambient Systems, Networks and Technologies (ANT) March 22 - 25, 2022, Porto, Portugal	5.
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 Universiry-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	University of Crete/SCITEPRESS Digital Library	5th International Conference on Information and	10.

	Systems: A Novel Technique for Medical Image Fusion		Communication Technologies for Ageing Well and e-Health	
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.**

الاشراف على الرسائل الجامعية:

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

خدمة المجتمع:

الفترة	النشاط	ت
		1.
		2.
		3.
		4.

المعلومات الشخصية:

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