Publications Template

#	Research Title	Field	Year of Publication Publishing	Publishing Link "URL"
1	Data hiding in a digital cover image using chaotic maps and LSB technique	Data hiding	2017	https://ieeexplore.ieee.org/abstract/document/8275302
2	ArMTFr: a new permutation-based image encryption scheme	Data encryption	2019	https://www.inderscienceonline.com/doi/abs/10.1504/IJESDF.2019.096516
3	Sustainable Energy in Telecommunications and IT Industries: Principles and Solutions	Sustainable energy	2021	https://iopscience.iop.org/article/10.1088/1757-899X/1051/1/012025/meta
4	Novel breast cancer classification framework based on deep learning	Deep learning	2020	https://digital-library.theiet.org/content/journals/10.1049/iet-ipr.2020.0122
5	New video encryption schemes based on chaotic maps	Video encryption	2019	https://digital-library.theiet.org/content/journals/10.1049/iet-ipr.2018.5250
6	Cryptography and steganography	Data encryption and hiding	2018	The Journal of the Institute of Telecommunications Professionals (ITP)

7	An Improved Image Encryption Scheme Based on Pixels Permutation and Fractional Wavelet Transform	Image encryption	2017	https://pdfs.semanticscholar.org/1947/11d943cec9239aab128699789900da44713e.pdf
8	Deep learning in mammography images segmentation and classification: Automated CNN approach	Deep learning	2021	https://www.sciencedirect.com/science/article/pii/S1110016821002027
9	Underwater localization system based on visible-light communications using neural networks	Optics	2021	https://www.osapublishing.org/ao/abstract.cfm?uri=ao-60-13-3977
10	Prostate cancer detection based on deep convolutional neural networks and support vector machines: a novel concern level analysis	Deep learning	2021	https://link.springer.com/article/10.1007/s11042-021-10849-5
11	Deep learning design for benign and malignant classification of skin lesions: a new approach	Deep learning	2021	https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=skin+cancer+wessam+M.Salama&oq=Skin
12	A new crypto-stego technique for hiding encrypted gray scale image in color images	Crypto-Stego Image	2021	10-12 SEPTEMBER 2021 Atatürk University, ERZURUM, TURKEY Image in Color Images
13	Lung Images Segmentation and Classification Based on Deep Learning: A New Automated CNN Approach	Deep learning	2021	https://iopscience.iop.org/article/10.1088/1742-6596/2128/1/012011/meta
14	Indoor Localization Based on Visible Light Communication and Machine Learning Algorithms	Optics	2022	Opto-Electronics Review
15	A Novel Framework for Brain Tumor Detection Based on Convolutional Variational Generative Model	Deep learning	2022	Multimedia Tools and Applications
16	Lung Cancer Images Segmentation and Classification Based on Deep Learning: A New Automated CNN Approach	Deep learning	2022	6th International conference on Advanced Technology and Applied Sciences (ICaTAS'2021)

17	Chaotic Maps Based Video Encryption: A New Approach	Video encryption	2022	6th International conference on Advanced Technology and Applied Sciences (ICaTAS'2021
18	A Generalized Framework for Lung Cancer Classification Based on Deep Generative Models	Deep learning	2022	Multimedia Tools and Applications
19	A New Automated Deep Learning Approach for Classification of Malignant Melanoma and Benign Skin Lesions	Deep learning	2022	Multimedia Tools and Applications
20	Lung CT Image Segmentation: A Generalized Framework Based on U-Net Architecture and Preprocessing Models	Deep learning	2021	31st International Conference on Computer Theory and Applications (ICCTA 2021)
21	Framework for COVID-19 segmentation and classification based on deep learning of computed tomography lung images	Deep learning	2022	https://www.sciencedirect.com/science/article/pii/S1674862X22000143
22	Enhanced Deep Learning Based Channel Estimation for Indoor VLC Systems	Optics based on deep learning	2022	Optical and Quantum Electronics.
23	VLC Localization: Deep Learning Models by Kalman Filter Algorithm Combined with RSS	Optics based on deep learning	2022	Optical and Quantum Electronics.

24	Deep Learning-Based Spam Image Filtering	Deep learning	2023	https://www.sciencedirect.com/science/article/pii/S1110016823000741
25	Underwater optical wireless communication system: Deep learning CNN with NOMA-based performance analysis	Optics based on deep learning	2023	https://link.springer.com/article/10.1007/s11082-023-04638-7
26	A novel framework for brain tumor detection based on convolutional variational generative models	Deep learning	2022	https://link.springer.com/article/10.1007/s11042-022-12362-9
27	Deep learning-based energy efficiency and power consumption modeling for optical massive MIMO systems	Optics based on deep learning	2023	https://link.springer.com/article/10.1007/s11082-023-04759-z
28	Optimized deep learning/kalman filter-based underwater localization in VLC systems	Optics based on deep learning		https://link.springer.com/article/10.1007/s11082-022-04464-3
29	Lung CT Image Segmentation: A Generalized Framework Based on U-Net Architecture and Preprocessing Models	Deep learning	2021	https://ieeexplore.ieee.org/abstract/document/9916619
30	Deep learning based channel estimation optimization in VLC systems	Deep learning	2023	https://link.springer.com/article/10.1007/s11082-022-04363-7

31	Efficiency marker evaluation based on optimized deep learning supported by Bayesian optimization technique	Industry Based on deep learning	2023	https://journals.sagepub.com/doi/abs/10.1177/00405175231171720
32	Deep learning based BER improvement for NOMA-VLC systems with perfect and imperfect successive interference cancellation	Deep learning	2023	https://link.springer.com/article/10.1007/s11082-023-04988-2