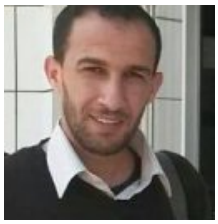


Naser Elnaily

Other names

College of Electrical and Electronics Technology, Benghazi, Libya

Microgrid Protection

GET MY OWN PROFILE

	All	Since 2021
Citations	1100	954
h-index	18	15
i10-index	31	24

TITLE	CITED BY	YEAR
A novel constraint and non-standard characteristics for optimal over-current relays coordination to enhance microgrid protection scheme N El-Naily, SM Saad, T Hussein, FA Mohamed IET Generation, Transmission & Distribution 13 (6), 780-793	83	2019
Powering up microgrids: A comprehensive review of innovative and intelligent protection approaches for enhanced reliability FFE Feras Alasali , Saad M. Saad , Abdelaziz Salah Saidi , Awni Itradat ... Energy Reports 10, 1899-1924	80	2023
Highly sensitive and fast microgrid protection using optimal coordination scheme and nonstandard tripping characteristics F Alasali, N El-Naily, E Zarour, SM Saad International Journal of Electrical Power & Energy Systems 128, 106756	71	2021
Assessment of the impact of a 10-MW grid-tied solar system on the Libyan grid in terms of the power-protection system stability F Alasali, AS Saidi, N El-Naily, O Alsmadi, M Khaleel, I Ghirani Clean Energy 7 (2), 389-407	67	2023
A new constraint considering maximum PSM of industrial over-current relays to enhance the performance of the optimization techniques for microgrid protection schemes SM Saad, N El-Naily, FA Mohamed Sustainable cities and society 44, 445-457	66	2019
Novel approach for optimum coordination of overcurrent relays to enhance microgrid earth fault protection scheme N El-Naily, SM Saad, FA Mohamed Sustainable Cities and Society 54, 102006	65	2020
Innovative Adaptive Protection Approach to Maximize the Security and Performance of Phase/Earth Overcurrent Relay for Microgrid Considering Earth Fault Scenarios. N El-Naily, SM Saad, A Elhaffar, E Zarour, F Alasali Electric Power Systems Research 206, 107844	52	2022
Recent Progress in Synchronization Approaches to Mitigation Voltage Sag Using HESS D-FACTS M Khaleel, N Elnaily, H Alzargi, M Amer, T Ghandoori, A Abulifa International Conference on Emerging Trends in Engineering and Medical …	36	2023
The recent development of protection coordination schemes based on inverse of AC microgrid: A review F Alasali, H Mustafa, AS Saidi, N El-Naily, S Abeid, W Holderbaum, ... IET Generation, Transmission & Distribution 18 (1), 1-23	34	2024

TITLE	CITED BY	YEAR
Smart grid resilience for grid-connected PV and protection systems under cyber threats F Alasali, A Itradat, S Abu Ghalyon, M Abudayyeh, N El-Naily, ... Smart Cities 7 (1), 51-77	31	2023
Minimizing the impact of distributed generation of a weak distribution network with an artificial intelligence technique N El Naily, SM Saad, T Hussein, FA Mohamed Applied Solar Energy 53 (2), 109-122	28	2017
An advanced dual-setting protection scheme for microgrid resilience based on nonstandard tripping characteristics of overcurrent relays WH Feras Alasali , Naser El-Naily , Abdelaziz Salah Saidi , Awni Itradat ... Electric Power Systems Research 225	27	2023
A new adaptive protection approach for overcurrent relays using novel nonstandard current-voltage characteristics E Zarour, F Alasali, O Alsmadi, N El-Naily Electric Power Systems Research 216, 109083	27	2023
Advanced coordination method for overcurrent protection relays using new hybrid and dynamic tripping characteristics for microgrid F Alasali, AS Saidi, N El-Naily, SW Alnaser, W Holderbaum, SM Saad, ... IEEE Access 10, 127377-127396	26	2022
Mitigating the impact of Distributed Generator on medium Distribution Network by adaptive protection scheme N El Naily, SM Saad, A Elhaffar, T Hussein, FA Mohamed 2017 8th International Renewable Energy Congress (IREC), 1-6	21	2017
Applying adaptive protection scheme to mitigate the impact of distributed generator on existing distribution network SM Saad, N El Naily, A Elhaffar, K El-Arroudi, FA Mohamed 2017 8th International Renewable Energy Congress (IREC), 1-6	21	2017
A Hybrid Physical and Co-Simulation Modern Adaptive Power Protection Testbed for Testing the Resilience of Smart Grids Under Cyber-Physical Threats Feras Alasali, Naser El-Naily, William Holderbaum, Haytham Mustafa Energy Reports	20	2024
Optimal protection coordination for IEC microgrid benchmark using water cycle algorithm N El Naily, SM Saad, MM El Misslati, FA Mohamed 2019 10th International Renewable Energy Congress (IREC), 1-6	19	2019
Application of time-voltage characteristics in overcurrent scheme to reduce arc-flash incident energy for safety and reliability of microgrid protection F Alasali, SM Saad, N El-Naily, A Layas, A Elhaffar, T Hussein, ... Energies 14 (23), 8074	16	2021
Enhancing resilience of advanced power protection systems in smart grids against cyber–physical threats EZ Feras Alasali, Ali M. Hayajneh, Salah Abu Ghalyon, Naser El-Naily, Anas ... IET Renewable Power Generation	15	2024

Saad. M. Saad

Other names

College of Electrical and Electronics Technology-Benghazi, Libya

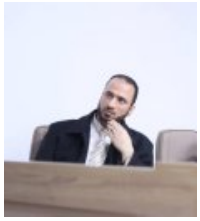
Distribution Generation
Sustainable Cities and microgrids
Power System Protection

GET MY OWN PROFILE

	All	Since 2021
Citations	798	664
h-index	15	12
i10-index	22	15

TITLE	CITED BY	YEAR
A Novel Constraint and Non-Standard Characteristics for Optimal Overcurrent Relays Coordination to Enhance Microgrid Protection Scheme FAM Naser El-Naily, Saad. M. Saad, T. Hussein IET Generation, Transmission Distribution 13 (6), 780 – 793	83	2019
Powering up microgrids: A comprehensive review of innovative and intelligent protection approaches for enhanced reliability F Alasali, SM Saad, AS Saidi, A Itradat, W Holderbaum, N El-Naily, ... Energy Reports 10, 1899-1924	80	2023
Highly sensitive and fast microgrid protection using optimal coordination scheme and nonstandard tripping characteristics F Alasali, N El-Naily, E Zarour, SM Saad International Journal of Electrical Power & Energy Systems 128, 106756	71	2021
A New Constraint Considering Maximum PSM of Industrial Over-Current Relays to Enhance The Performance of The Optimization Techniques for Microgrid Protection Schemes FAM Saad. M. Saad, Naser El-Naily Sustainable Cities and Society 44 (2019), 445-457	66 *	2018
Novel approach for optimum coordination of overcurrent relays to enhance microgrid earth fault protection scheme N El-Naily, SM Saad, FA Mohamed Sustainable Cities and Society 54, 102006	65	2020
Innovative Adaptive Protection Approach to Maximize the Security and Performance of Phase/Earth Overcurrent Relay for Microgrid Considering Earth Fault Scenarios. N El-Naily, SM Saad, A Elhaffar, E Zarour, F Alasali Electric Power Systems Research 206, 107844	52	2022
The recent development of protection coordination schemes based on inverse of AC microgrid: A review F Alasali, H Mustafa, AS Saidi, N El-Naily, S Abeid, W Holderbaum, ... IET Generation, Transmission & Distribution 18 (1), 1-23	34	2024
Minimizing the impact of distributed generation of a weak distribution network with an artificial intelligence technique N El Naily, SM Saad, T Hussein, FA Mohamed Applied Solar Energy 53 (2), 109-122	28	2017
An advanced dual-setting protection scheme for microgrid resilience based on nonstandard tripping characteristics of overcurrent relays F Alasali, N El-Naily, AS Saidi, A Itradat, SM Saad, W Holderbaum Electric Power Systems Research 225, 109869	27	2023

TITLE	CITED BY	YEAR
Advanced coordination method for overcurrent protection relays using new hybrid and dynamic tripping characteristics for microgrid F Alasali, AS Saidi, N El-Naily, SW Alnaser, W Holderbaum, SM Saad, ... IEEE Access 10, 127377-127396	26	2022
Applying adaptive protection scheme to mitigate the impact of distributed generator on existing distribution network SM Saad, N El Naily, A Elhaffar, K El-Arroudi, FA Mohamed 2017 8th International Renewable Energy Congress (IREC), 1-6	21	2017
Mitigating the impact of Distributed Generator on medium Distribution Network by adaptive protection scheme N El Naily, SM Saad, A Elhaffar, T Hussein, FA Mohamed 2017 8th International Renewable Energy Congress (IREC), 1-6	21	2017
Optimal protection coordination for IEC microgrid benchmark using water cycle algorithm N El Naily, SM Saad, MM El Misslati, FA Mohamed 2019 10th International Renewable Energy Congress (IREC), 1-6	19	2019
Application of time-voltage characteristics in overcurrent scheme to reduce arc-flash incident energy for safety and reliability of microgrid protection F Alasali, SM Saad, N El-Naily, A Layas, A Elhaffar, T Hussein, ... Energies 14 (23), 8074	16	2021
Advanced self-tuned pitch angle control based on fuzzy logic for grid connected variable-speed wind turbine system A Elfergani, MAA Elsharif, RHA Hamd, SM Saad, N El Naily, FA Mohamed 2018 9th International Renewable Energy Congress (IREC), 1-6	15	2018
On-line adaptive protection scheme to overcome operational variability of DG in smart grid via fuzzy logic and genetic algorithm KEAFAM N. E. Naily, S. M. Saad, T. Hussein 9th International Renewable Energy Congress (IREC), Hammamet, Tunisia, 1-6	13 *	2018
Modeling approach to evaluate wind turbine performance: Case study for a single wind turbine of 1.65 MW in Dernah Libya Z Rajab, M Almaktar, N Al-Naily, SM Saad, FA Mohamed 2017 8th International Renewable Energy Congress (IREC), 1-5	13	2017
Seawater pumped hydro energy storage in libya part i: location, design and calculations SM ABDALLA, SM Saad, N El Naily, OA BUKRA 2021 IEEE 1st international maghreb meeting of the conference on sciences …	12	2021
Applicability analysis of proactive recloser-fuse scheme for wind distributed generation into modern distribution network KEAFAM J. Wafi, S. M. Saad, N. E. Naily 2018 9th International Renewable Energy Congress (IREC), Hammamet, Tunisia, 1-6	11 *	2018
Time-current-voltage overcurrent scheme for reliable microgrids protection considering arc flash incident energy SM Saad, N El Naily, A Elhaffar, T Hussein, FA Mohamed 2020 11th International Renewable Energy Congress (IREC), 1-6	10	2020



Mohamed A. M. Almaktar

College of Electrical and Electronics Technology, Benghazi, Libya

Solar Photovoltaic
Renewable Energy
Energy Efficiency
Artificial Intelligence
Deregulated Power System

GET MY OWN PROFILE

	All	Since 2021
Citations	535	402
h-index	13	11
i10-index	16	12

TITLE	CITED BY	YEAR
Prospects of renewable energy as a non-rivalry energy alternative in Libya M Almaktar, M Shaaban Renewable and Sustainable Energy Reviews 143, 110852	91	2021
Revitalizing operational reliability of the electrical energy system in Libya: Feasibility analysis of solar generation in local communities M Almaktar, AM Elbreki, M Shaaban Journal of cleaner production 279, 123647	70	2021
Static Security classification and Evaluation classifier design in electric power grid with presence of PV power plants using C-4.5 IS Saeh, MW Mustafa, YS Mohammed, M Almaktar Renewable and Sustainable Energy Reviews 56, 283-290	43	2016
Climate-based empirical model for PV module temperature estimation in tropical environment M Almaktar, HA Rahman, MY Hassan, S Rahman Applied Solar Energy 49 (4), 192-201	40	2013
Effect of losses resistances, module temperature variation, and partial shading on PV output power M Almaktar, HA Rahman, MY Hassan 2012 IEEE International Conference on Power and Energy (PECon), 360-365	40	2012
Assessing STATCOM-Enabled Reactive Power Control in Fragile Power Transmission Systems: A Case Study Perspective M Almamoori, M Almaktar, M Khaleel, F Mohamed, A Elbreki Mathematical Modelling of Engineering Problems 11 (8), 2019-2028	31	2024
Artificial neural network-based photovoltaic module temperature estimation for tropical climate of Malaysia and its impact on photovoltaic system energy yield M Almaktar, H Abdul Rahman, MY Hassan, I Saeh Progress in Photovoltaics: Research and Applications 23 (3), 302-318	31	2015
Geothermal Power Generation (Book chapter) Z Yusupov, M Almaktar Geothermal Energy, 1-20	23 *	2021
The Integration of Renewable Energy into a Fossil Fuel Power Generation System in Oil-Producing Countries: A Case Study of an Integrated Solar Combined Cycle at the Sarir Power … A Akroot, M Almaktar, F Alasali Sustainability 16 (11), https://doi.org/10.3390/su16114820	22	2024

TITLE	CITED BY	YEAR
Economic analysis using net present value and payback period: case study of a 9kWp grid-connected PV system at UTM, Johor Bahru Campus M Almaktar, H Abdul Rahman, MY Hassan Applied Mechanics and Materials 818, 119-123	19	2016
Photovoltaic technology in Malaysia: past, present, and future plan M Almaktar, HA Rahman, M Yusri, W Zaidi International Journal of Sustainable Energy, 1-13	19	2013
Performance evaluation of different solar photovoltaic technologies in Libya M Almaktar, AM Albreki, FA Mohamed, K Yahya, T Hussein The 11th International Renewable Energy Congress (IREC 2020), 1-5	14	2021
Modeling approach to evaluate wind turbine performance: Case study for a single wind turbine of 1.65 MW in Dernah Libya Z Rajab, M Almaktar, N Al-Naily, SM Saad, FA Mohamed 2017 8th International Renewable Energy Congress (IREC), 1-5	13	2017
The impact of transmission loss component on transmission cost recovery in pool electricity markets MY Hassan, MA Almaktar, MP Abdullah, F Hussin, MS Majid, HA Rahman International Review Of Electrical Engineering - IREE 5 (4), 1736-1746	11	2010
Power quality assessment of Karabuk University'S grid-connected microgrid under high penetration of PV generation M Almaktar, A Falah, Z Hasan, AM Elbreki, FA Mohamed 2022 International Symposium on Multidisciplinary Studies and Innovative …	10	2022
Towards an extensive exploitation of solar PV technology in Libya: Legislative, economic and environmental considerations MA Almaktar Libyan Journal of Science & Technology 7 (2), 11	10	2018
Meteorological Parameters in Malaysia: An Investigation Between Real Measurements and NASA Database MA Almaktar, HY Mahmoud, EY Daoud, ZR Hasan Advanced Electrical and Electronics Engineering and Scientific Journal 1 (1)	9	2017
Agricultural waste in Libya as a resource for biochar and methane production: An analytical study M Elmnifi, M Almaktar, S Vambol, O Trush, V Sydorenko, V Mykhailov Ecological Questions 35 (2), 117-128	6	2024
Optimization and influence of tilt angle on PV module performance: Experimental study AMH Elsharif, TAM Hamad, M Almaktar, AM Elbrek, F Mohamed 2023 IEEE 3rd International Maghreb Meeting of the Conference on Sciences …	6	2023
Economic Study on the Implementation of Feed in Tariff for Photovoltaic Technology in Libya M Almaktar, S Muftah, S Shuaib, N Naily Libyan International Conference on Electrical Engineering and Technologies …	5	2018

Mohamed M Elgaud

College of Electrical and Electronics Technology- Benghazi

Fiber Bragg Grating- Distributed Optical …

GET MY OWN PROFILE

	All	Since 2021
Citations	234	200
h-index	10	10
i10-index	11	10

TITLE	CITED BY	YEAR
Analysis of independent strain-temperature fiber Bragg grating sensing technique using OptiSystem and OptiGrating MM Elgaud, MSD Zan, AAG Abushagur, AAA Bakar 2016 IEEE 6th International Conference on Photonics (ICP), 1-3	24	2016
Digital filtering techniques for performance improvement of Golay coded TDM-FBG sensor MM Elgaud, MSD Zan, AAG Abushagur, AE Hamzah, MHH Mokhtar, ... Sensors 21 (13), 4299	21	2021
Pulse compressed time domain multiplexed fiber Bragg grating sensor: A comparative study MM Elgaud, AAA Bakar, AA Ghaith, NF Naim, N Arsad, MHH Mokhtar, ... IEEE Access 6, 64427-64434	21	2018
Improving the Brillouin frequency shift measurement resolution in the Brillouin optical time domain reflectometry (BOTDR) fiber sensor by artificial neural network (ANN) ASK Almoosa, AE Hamzah, MSD Zan, MF Ibrahim, N Arsad, MM Elgaud Optical Fiber Technology 70, 102860	19	2022
Improvement of signal to noise ratio of time domain mutliplexing fiber Bragg grating sensor network with Golay complementary codes MM Elgaud, MSD Zan, AG Abushagur, AAA Bakar Optical Fiber Technology 36, 447-453	18	2017
Improving the signal-to-noise ratio of time domain fiber Bragg grating sensor based on hybrid simplex and Golay coding technique MM Elgaud, MSD Zan, AA Ghaith, AAA Bakar, N Arsad, NF Naim, ... IEEE Access 7, 167089-167098	17	2019
Advancing the measurement speed and accuracy of conventional BOTDA fiber sensor systems via SoC data acquisition AE Hamzah, AAA Bakar, MM Fadhel, NM Sapiee, MM Elgaud, ... Optical Fiber Technology 84, 103712	16	2024
The effect of pulse duration on the Brillouin frequency shift accuracy in the differential cross-spectrum BOTDR (DCS-BOTDR) fiber sensor MSD Zan, ASK Almoosa, MF Ibrahim, MM Elgaud, AE Hamzah, N Arsad, ... Optical Fiber Technology 72, 102977	15	2022
Pulse coding technique in differential cross-spectrum BOTDR for improving the Brillouin frequency accuracy and spatial resolution MSD Zan, MHH Mokhtar, MM Elgaud, AAA Bakar, N Arsad, MA Mahdi 2020 IEEE 8th International Conference on Photonics (ICP), 11-12	13	2020
Signal generation using system on chip for coded fiber Bragg grating sensor AE Hamzah, MSD Zan, M Elgaud, MM Fadhel, SA Alwash, ...	13	2020

TITLE	CITED BY	YEAR
2020 IEEE 8th International Conference on Photonics (ICP), 80-81		
Spatial resolution enhancement of time domain multiplexing fiber Bragg grating sensor by employing differential golay codes MSD Zan, MM Elgaud, AAG Abushagur, AE Hamzah, JWS Teo, WY Kiew, ... 2020 IEEE 8th International Conference on Photonics (ICP), 54-55	10	2020
Development of a 1-DOF force sensor prototype incorporating tapered fiber Bragg grating for microsurgical instruments AAG Abushagur, N Arsad, MM Elgaud, AAA Bakar IEEE Access 7, 168520-168526	9	2019
Analysis and simulation of time domain multiplexed (TDM) fiber Bragg sensing array using OptiSystem and OptiGrating MM Elgaud, MSD Zan, AG Abushagur, AAA Bakar, AM Elshirkasi 2016 International Conference on Advances in Electrical, Electronic and …	8	2016
Simulation Analysis on the Simultaneous Deployment of Brillouin Gain and Loss in Coded Brillouin Optical Time Domain Analysis (BOTDA) Fiber Sensor MSD Zan, MM Elgaud, AR Zainuddin, AS Kadhim, MHH Mokhtar, N Arsad, ... Journal of Physics: Conference Series 1892 (1), 012034	7	2021
Coding the optical pulse in TDM-FBG sensors with hybrid simplex-and golay codes for SNR improvement MSD Zan, MM Elgaud, AAA Bakar 2019 24th OptoElectronics and Communications Conference (OECC) and 2019 …	5	2019
Improving the performance of Brillouin scattering-based distributed fiber optic sensors: Recent advancement MSD Zan, MM Elgaud, AS Kadhim, AAA Bakar 2021 IEEE Symposium on Wireless Technology & Applications (ISWTA), 77-81	4	2021
Signal to noise improvement ratio of TDM-FBG sensor based on golay complementary codes KNAK Hassan, M Elgaud, MS Su'ait, AAA Bakar, MSD Zan 2018 IEEE 7th International Conference on Photonics (ICP), 1-3	4	2018
Electromagnetic shielding behavior of enclosures with apertures IF ElShami, K Elwrfalli, AI Elgayar, MM Elgaud, FH Yousuf, N Elmangosh 2022 International Conference on Engineering & MIS (ICEMIS), 1-5	3	2022
Magnetic Field Shielding Behavior of Mesh Wire in Low Frequencies IF Elshami, MZM Jenu, K Elwrfalli, AI Elgayar, N Elmangosh, FH Yousuf, ... 2022 IEEE 2nd International Maghreb Meeting of the Conference on Sciences …	3	2022
Evaluation of a novel spectral pair of a chirp FBG embedded in a cantilever beam for simultaneous temperature and transverse forces measurement AAG Abushagur, N Arsad, MM Elgaud, AAA Bakar IEEE Access 9, 107701-107709	3	2021

Asma Ali Budalal

College of Electrical and Electronics Technology, Benghazi, Libya

Interests: Millimeter-Wave Propagation
Wireless Communications
Rain Fade Modeling
Channel Modelin

GET MY OWN PROFILE

	All	Since 2021
Citations	180	163
h-index	7	6
i10-index	5	5

TITLE	CITED BY	YEAR
Modification of distance factor in rain attenuation prediction for short-range millimeter-wave links AAH Budalal, MR Islam, K Abdullah, TA Rahman IEEE Antennas and Wireless Propagation Letters 19 (6), 1027-1031	56	2020
Millimetre-wave propagation channel based on NYUSIM channel model with consideration of rain fade in tropical climates AA Budalal, I Shayea, MR Islam, MH Azmi, H Mohamad, SA Saad, ... IEEE Access 10, 1990-2005	32	2021
Path loss models for outdoor environment—with a focus on rain attenuation impact on short-range millimeter-wave links AA Budalal, MR Islam e-Prime-Advances in Electrical Engineering, Electronics and Energy 3, 100106	27	2023
The effects of rain fade on millimetre wave channel in tropical climate AA Budalal, IM Rafiqul, MH Habaebi, TA Rahman Bulletin of Electrical Engineering and Informatics 8 (2), 653-664	22	2019
Millimeter wave channel modeling–present development and challenges in tropical areas AA Budalal, MR Islam, MH Habaebi, TA Rahman 2018 7th International Conference on Computer and Communication Engineering …	16	2018
Effective rain rate model for analysing overestimated rain fade in short millimetre-wave terrestrial links due to distance factor AA Budalal, I Shayea, MR Islam, J Din, AE Yahya, YI Daradkeh, MH Azmi Results in Engineering 25, 104112	9	2025
Performance analysis of rain attenuation on earth-to-satellite microwave links design in Libya MR Islam, A Ali Hussein Budalal, MH Habaebi, K Badron, AF Ismail IOP Conference Series: Materials Science and Engineering 260 (1), 012041	9	2017
Performance Evaluation of Satellite Communication Link at Millimeter Wave Based on Rain Fade Data Measured in Libya AA Budalal, KI Sharif, SGH Hewadia, RAH Budalal International Conference for Information and Communication Technologies, 55-67	2	2023
The Probabilistic Component of Outdoor Millimeter Wave Propagation Path Loss Model Considering Rain Fade AA Budalal, MR Islam 2023 9th International Conference on Computer and Communication Engineering …	2	2023

TITLE	CITED BY	YEAR
Rain rate distribution for satellite to earth microwave links design in Libya AAH Budalal, MR Islam, MH Habaebi, MM Ahmed 2016 International Conference on Computer and Communication Engineering …	2	2016
Impact of Different Integration Times on Distributions of Rain Rates for Predictions of Rain Attenuation MR Hassan, IM Rafiqul, MH Habaebi, AZ Suriza, K Badron, AA Budalal, ... Progress in Electromagnetics Research C 154	1	2025
Knowledge Towards the Impact of Indoor Environment and Lifestyle on Dry Eye. EA Aboulqasim Gaber, MZ Awg Isa, AA Budalal Indian Journal of Public Health Research & Development 13 (3)	1	2022
A critique study on phase optimized generalized discrete fourier transform based partial transmit sequence for PAPR in OFDM systems MH Habaebi, AAH Budalal, AMA Awad, IM Ali, AS Youssouf, SA Hameed	1	2006
Effects of Rain Rate With Various Integration Times on ITU-R P530-18 Attenuation Prediction MR Hassan, IM Rafiqul, MH Habaebi, AA Budalal, MMH Mahfuz, ... 2025 10th International Conference on Computer and Communication Engineering …		2025
Intelligent Wireless Communication System Optimization Using OFDM, Equalization, and Deep Learning Techniques AM Saed, E Saeid, AM Abreek, IF Elshami, AA Budalal, R Al-Mamlook International Conference on AI: Current Research, Industry Trends, and …		2025
Analysis of Rain Interference on Short-Range Millimetre-Wave Terrestrial Links AAH Budalal 2023 10th International Conference on Wireless Networks and Mobile …		2023
Knowledge, Attitude and Practice Towards Covid-19 among Community Pharmacists in Tripoli-Libya. SN Ibrahim Ashour, MF Baobaid, AA Budalal Indian Journal of Public Health Research & Development 13 (1)		2022
AI-Enhanced mm waves Propagation Modeling for Terrestrial Links in Mediterranean Climates: Validation with Real 80 GHz frequency bands for 5Gand 6G communication links AA Budalal, E Miftah, A Elbarsha, I Shaye, L Rzayeva, L Aldasheva, ... Available at SSRN 6515253		
Performance analysis of rain attenuation on earth-to-satellite microwave links design in Libya IM Rafiqul, AAH Budalal, MH Habaebi, K Badron, AF Ismail		
Performance Evaluation of Path Loss Model (s) in 6G Networks H Kaya, NR Zulkefly, I Shayea, AA Kuttybek, AA Budalal CYBERSECURITY, DIGITAL FORENSICS, AND AI APPLICATIONS, 384		

Haytham Y.Mahmoud Mustafa

assistant professor at college of electrical and electronics technology/benghazi/lib

electric motor control
photovoltaic technology

GET MY OWN PROFILE

	All	Since 2021
Citations	112	105
h-index	5	5
i10-index	2	2

TITLE	CITED BY	YEAR
The recent development of protection coordination schemes based on inverse of AC microgrid: A review F Alasali, H Mustafa, AS Saidi, N El-Naily, S Abeid, W Holderbaum, ... IET Generation, Transmission & Distribution 18 (1), 1-23	34	2024
A hybrid physical and co-simulation modern adaptive power protection testbed for testing the resilience of smart grids under cyber-physical threats F Alasali, N El-Naily, W Holderbaum, HY Mustafa, A AlMajali, A Itradat Energy Reports 12, 1655-1672	20	2024
Meteorological Parameters in Malaysia: An Investigation Between Real Measurements and NASA Database MA Almaktar, HY Mahmoud, EY Daoud, ZR Hasan Advanced Electrical and Electronics Engineering and Scientific Journal 1 (1)	9	2017
A clustering-based multi-setting overcurrent protection approach with optimisation and experimental validation for distribution networks F Alasali, M Salem, HY Mustafa, H Loukil, N El-Naily, AS Saidi, ... International Journal of Electrical Power & Energy Systems 170, 110841	8	2025
Digital twin for advanced optimal coordination scheme of distance and Dual-Stage overcurrent relays F Alasali, N El-Naily, HY Mustafa, H Loukil, SM Saad, AS Saidi, ... Ain Shams Engineering Journal 16 (1), 103197	6	2025
Advanced microgrid protection utilizing zero sequence components with Hard-Ware-in-the-Loop testing Z Ghanem, F Alasali, N El-Naily, H Loukil, HY Mustafa, SM Saad, AS Saidi, ... IEEE Access 13, 7623-7636	5	2025
Innovative protection schemes through hardware-in-the-loop dynamic testing. WH Feras Alasali a , Naser El-Naily b , Haytham Y. Mustafa b , Hassen Loukil ... Computers and Electrical Engineering 119, 109559	5	2024
Evaluating the Influence of EV Charging Patterns on Power Quality Metrics in Modern Electrical Grid TA Mohamed, AA Buaod, HY Mustafa, SM Saad Int. J. Electr. Eng. and Sustain., 31-46	4	2025
Advanced voltage relay design for distance relay coordination in power networks equipped with low-inertia areas F Alasali, N El-Naily, HY Mustafa, H Loukil, SM Saad, AS Saidi, ... IET Generation, Transmission & Distribution 19 (1), e13338	4	2025
Highly Sensitive Adaptive Protection for EV-Integrated Distribution Networks	2	2026

TITLE	CITED BY	YEAR
F Alasali, N El-Naily, HY Mustafa, H Loukil, SM Saad, AS Saidi, ... International Transactions on Electrical Energy Systems 2026 (1), 3336378		
Advanced Clustering and Optimisation Techniques for Adaptive Protection in AC Microgrids With Hardware-in-the-Loop Testing F Alasali, N El-Naily, M Salem, H Loukil, HY Mustafa, AS Saidi, ... Energy Science & Engineering 14 (1), 377-398	2	2026
Dynamic Dual-Level Overcurrent Protection Scheme for Distributed Energy Resource Networks Using Digital Twins Technology F Alasali, N El-Naily, HY Mustafa, H Loukil, SM Saad, AS Saidi, ... International Transactions on Electrical Energy Systems 2025 (1), 9428867	2	2025
A study on IEEE 9 bus for fault response analysis of distribution networks with inverter-based resources using ATP/ATP draw simulations and grid-following inverters SM Saad, TA Mohamed, HY Mustafa, N El Naily, T Hussein, FA Mohamed 2023 14th International Renewable Energy Congress (IREC), 1-6	2	2023
Energy Efficient 2D-DOA Based Precoding Approach for 5G Multicell Massive MIMO System E Ali, I Shglouf, M Balfaqih, S Alzughid, H Mustafa, M Saied 2023 IEEE 3rd International Maghreb Meeting of the Conference on Sciences …	2	2023
Modeling, Simulation, and Integration Considerations of Utility-Scale Solar PV to Assess FRT Detection-Libyan Sub-transmission Grid Case Study FAM Saad M Saad, Khaled Idris Sharif, Tariq A Mohamed, Haytham Yousef ... 2022 International Conference on Engineering & MIS (ICEMIS), 1-5	2	2022
An improved overcurrent-distance coordination strategy to minimize cascaded tripping problem in protection of distribution systems: a case study for the Libyan distribution system SM Saad, HY Mustafa, N El Naily, A Alagori, M Kasail, FA Mohamed 2021 IEEE 1st International Maghreb Meeting of the Conference on Sciences …	2	2021
Mathematical Model and Sensitivity Analysis of a Parallel 3-Phase Voltage Source Inverter KA Alfaitori, HY Mustafa, SM Saad, N El Naily International Journal of Engineering Research & Technology (IJERT) 10 (3)	2	2021
Dynamic Performance of a Sensorless Speed Control for Induction Motor Drives based on Model Reference Adaptive System MMME A . Elmansouri Saad. M. Saad, N. El-Naily, Haytham Mustafa Proceeding of Engineering and Technology –PET 33 (Special issue 2017), 92-101	1 *	2017
Advanced multi-layer inverse-time relay scheme for enhanced arc-flash mitigation and coordination in distribution networks F Alasali, N El-Naily, H Foudeh, H Loukil, HY Mustafa, AS Saidi, ... Electric Power Systems Research 254, 112651		2026
Advanced reactive current control and EMT-HIL validation of grid-following PV systems for fault resilience and grid code integration F Alasali, N El-Naily, HY Mustafa, H Loukil, SM Saad, AS Saidi, ... Engineering Research Express 8 (2), 025310		2026

IBTIHAL ELSHAMI

College of Electrical and Electronics Technology-Benghazi, Benghazi, Libya

(Radio Propagation electromagnetic compatibility (EMC)

GET MY OWN PROFILE

	All	Since 2021
Citations	73	52
h-index	5	4
i10-index	2	2

TITLE	CITED BY	YEAR
Power transmission lines electromagnetic pollution with consideration of soil resistivity A Elgayar, Z Abdul-Malek, R Othman, IF Elshami, AM Elbreki, VM Ibrahim, ... TELKOMNIKA (Telecommunication Computing Electronics and Control) 17 (4 …	14	2019
Wind Induce Clearances Infringement of Overhead Power Lines AI El Gayar, Z Abdul-Malek, IF El-Shami Universiti Tun Hussein Onn Malaysia	12	2011
Tropospheric scintillation with rain attenuation of Ku band at tropical region IF El-Shami, LH Yin, J Din, A l Elgayar, M Alhilali TELKOMNIKA (Telecommunication Computing Electronics and Control) 16 (5 …	7	2018
Characterization of concurrent Ku band tropospheric scintillation and rain attenuation in Malaysia IF Elshami, J Din, LH Yin, AI Elgayar Indonesian Journal of Electrical Engineering and Computer Science 15 (2 …	6	2019
Seasonal and Diurnal Variation on Tropospheric Scintillation at Ku-Band in Tropical Climate IF Elshami, J Din International Journal of Electrical and Computer Engineering 6 (4), 1710	6	2016
Conductive and inductive coupling between faulted power lines and buried pipeline by considering the effect of soil structure IF Elshami Indonesian Journal of Electrical Engineering and Computer Science 5 (3), 656-660	5 *	2017
Clear sky diurnal behavior of tropospheric scintillation at ku-band satellite communication in equatorial Malaysia IF El-Shami, HY Lam, J Din, SL Jong Jurnal Teknologi (Sciences & Engineering) 77 (10)	5	2015
Shielding Effectiveness of Mesh Wire for 50Hz Magnetic Field IF El-Shami Universiti Tun Hussein Onn Malaysia	4	2011
The Impact of Li-Fi Technology on Industrial Wireless Sensors Networks N Elmangosh, I Ighneiwa, IF ElShami 2022 International Conference on Engineering & MIS (ICEMIS), 1-7	3	2022
Electromagnetic Shielding Behavior of Enclosures with Apertures IF ElShami, K Elwrfalli, AI Elgayar, MM Elgaud, FH Yousuf, N Elmangosh 2022 International Conference on Engineering & MIS (ICEMIS), 1-5	3	2022
Magnetic Field Shielding Behavior of Mesh Wire in Low Frequencies IF Elshami, MZM Jenu, K Elwrfalli, AI Elgayar, N Elmangosh, FH Yousuf, ... 2022 IEEE 2nd International Maghreb Meeting of the Conference on Sciences …	3	2022

TITLE	CITED BY	YEAR
Long Short-Term Memory Employed for Classifying P300-Based BCI AM Aljlaly, IF Elshami, A Almijbari 2024 IEEE 4th International Maghreb Meeting of the Conference on Sciences …	2	2024
Using CAP Modulation to Improve VLC Link with OLED Transmitter N Elmangosh, RI Ali, SM Basha, IF ElShami 2022 International Conference on Engineering & MIS (ICEMIS), 1-6	1	2022
A Low-Cost Rehabilitation System for Upper Limb Amputees FH Yousuf, A Alwarfali, HF Busedra, IF Elshami 2022 IEEE 2nd International Maghreb Meeting of the Conference on Sciences …	1	2022
Comparison of Tropospheric Scintillation Prediction Models of Libyan Climate IF El-Shami, A Yousef, M Elbarani, AI Elgayar Proceedings of the 6th International Conference on Engineering & MIS 2020, 1-7	1	2020
Design and Performance Enhancement of a SubTerahertz Patch Antenna Using SRR Metamaterials for 6G K Elwrfalli, IF ElShami 2026 IEEE 5th International Maghreb Meeting of the Conference on Sciences …		2026
Intelligent Wireless Communication System Optimization Using OFDM, Equalization, and Deep Learning Techniques AM Saed, E Saeid, AM Abreek, IF Elshami, AA Budalal, R Al-Mamlook International Conference on AI: Current Research, Industry Trends, and …		2025
Shielding Effectiveness of Mesh Wire at Low Frequencies in Near Magnetic Field IF Elshami, A Gaddafi, AI Elgayar, WM Elsity, N Elmangosh, FH Yousuf, ... 2024 IEEE 4th International Maghreb Meeting of the Conference on Sciences …		2024
Seasonal Rain Attenuation Using ITU-R Prediction Model For Libyan Climate I Elshami, M Kablan, M Altorky, S Elkhabbaz, A I. Elgayar The 7th International Conference on Engineering & MIS 2021, 1-7		2021
TROPOSPHERIC SCINTILLATION FOR KU-BAND SATELLITE COMMUNICATION LINK IN EQUATORIAL MALAYSIA IF ELSHAMI		2016

Fathiyah Hamid Yousuf

College of Electrical and Electronics Technology-Benghazi, Libya

Electronics and Embedded System
Signal Processing

GET MY OWN PROFILE

	All	Since 2021
Citations	56	28
h-index	3	3
i10-index	2	1

TITLE	CITED BY	YEAR
The Development of Body-Powered Prosthetic Hand Controlled by EMG Signals Using DSP Processor with Virtual Prosthesis Implementation FHA Salem, KS Mohamed, SBK Mohamed, AA El Gehani Conference Papers in Science 2013 (1), 598945	25	2013
Friendly home automation system using cell phone and J2ME with feedback instant voice messages M shaker Nasr, FHA salem Azwai 2009 IEEE/ACS International Conference on Computer Systems and Applications …	17	2009
Arabic sign language recognition system by using surface intelligent emg signal F Hamid Yousuf, A Bushnaf Alwarfalli, I Ighneiwa The 7th International Conference on Engineering & MIS 2021, 1-6	5	2021
Electromagnetic shielding behavior of enclosures with apertures IF ElShami, K Elwrfalli, AI Elgayar, MM Elgaud, FH Yousuf, N Elmangosh 2022 International Conference on Engineering & MIS (ICEMIS), 1-5	3	2022
Magnetic Field Shielding Behavior of Mesh Wire in Low Frequencies IF Elshami, MZM Jenu, K Elwrfalli, AI Elgayar, N Elmangosh, FH Yousuf, ... 2022 IEEE 2nd International Maghreb Meeting of the Conference on Sciences …	3	2022
A Design of a Home Appliances Control System using Cell phone & J2ME FHA Salem A Thesis Submitted in Partial Fulfillment of the Requirement for the Degree …	2	2008
A Low-Cost Rehabilitation System for Upper Limb Amputees FH Yousuf, A Alwarfali, HF Busedra, IF Elshami 2022 IEEE 2nd International Maghreb Meeting of the Conference on Sciences …	1	2022
Shielding Effectiveness of Mesh Wire at Low Frequencies in Near Magnetic Field IF Elshami, A Gaddafi, AI Elgayar, WM Elsity, N Elmangosh, FH Yousuf, ... 2024 IEEE 4th International Maghreb Meeting of the Conference on Sciences …		2024
The Development of Body-Powered Prosthetic Hand Controlled by EMG Signals Using DSP-Processor With Virtual Prosthesis Implementation AA El Gehani		

Hend M. Farkash

College of Electrical and Electronics Technology, Benghazi -, Libya

Computer Science
Artificial Intelligence
Machine Learning
ANN

GET MY OWN PROFILE

	All	Since 2021
Citations	36	35
h-index	4	4
i10-index	1	1

TITLE	CITED BY	YEAR
Cloud Computing in Education: A Survey on the Adoption and the Challenges for the Faculty of IT at the Benghazi University-Libya KM Elnajar, EM Sahly, HM Farkash, A Faraj International Journal of Computer Science, Communication and Information …	13	2019
Data-driven insights for informed decision-making: applying LSTM networks for robust electricity forecasting in Libya A Agaal, M Essgaer, HM Farkash, ZA Othman arXiv preprint arXiv:2507.01034	8	2025
Medium-term load forecasting for the city of benghazi using an artificial neural network based time series approach HM Farkash, EM Sahly, AA El-Werfalli, RA El-Agori 2023 IEEE 3rd International Maghreb Meeting of the Conference on Sciences …	8	2023
Towards efficient electricity management in benghazi: forecasting demand and load shedding with ARIMA Models A Agaal, H Farkash, M Essgaer, A Ahessin Solar Energy and Sustainable Development Journal 14 (FICTS-2024), 110-136	4	2025
Effectiveness of MATLAB and Neural Networks for Solving Nonlinear Equations by Repetitive Methods MA Elzuway, HM Farkash, AM Shatshat Indian Journal of Computer Graphics and Multimedia (IJCGM) 3 (2), 1-7	1	2023
Internet of Things Security: Requirements, Attacks on SH-IoT Platform HM Farkash 2022 IEEE 21st international Ccnference on Sciences and Techniques of …	1	2022
Web Expert System For Educational Applications: Developing Of Electronic Exam Platform During Covid-19 Pandemic MJF Ali, OI Al-Sanjary, AA Budalal, HM Farkash Int. J. Sci. Technol. Res. 10, 7	1	2021
Machine learning methods for medium-term load forecasting Study on the North Benghazi stations of the General Electricity Company in eastern Libya ME Hend M. Farkash ,Mona A. El. Zuway ,Hana A. Mohammed,Asma Agaal … المجلة الدولية للعلوم والتقنية International Science and Technology Journal		2024
LICASE-2 HM Farkash, MAE Zuway, HA Mohammed, A Agaal, M Essgaer Technology 29, 30		2024

TITLE	CITED BY	YEAR
منصات المعرفة الإلكترونية:" بناء منصة معرفة إلكترونية للأشخاص ذوي الإعاقة البصرية" رجاء حسين فرج الحاسي, هند منصور فرج فركاش مجلة آفاق للدراسات الإنسانية والتطبيقية, 162-194		2024
Clinical manifestations of gastro esophageal reflux among patients with chronic laryngitis in Benghazi, 2018 YHS Abdulkarim, HMM Farkash, KG Hasen Al-Mukhtar Journal of Sciences 39 (1), 20-27		2024
Arduino Based ECG of Heart Beat Classification Health Care System IAA Hend M. Farkash , Khadiga M. Elnajar ,Amna M. Elnjar المجلة الدولية للعلوم والتقنية 33 International Science and Technology Journal		2023
Arduino Based ECG of Heart Beat Classification Health Care System HM Farkash, KM Elnajar, AM Elnjar, IA Albadri Volume		2023
Expert systems in library services: (Es Builder Web) A model د. رجاء حسين فرج الحاسي أ. هند منصور فرج فركاش مجلة كلية الآداب والتربية-جامعه بنغازي 47		2020
Electrocardiogram Signal Diagnosis Using Supervised Artificial Neural Network HM Farkash heart 7 (12)		2019
Electrocardiogram Signal Diagnosis Using Supervised Artificial Neural Network HMFMAE zuway International Journal of Software & Hardware Research in Engineering 7 (12)		2019
Cloud computing technology and their role in electronic archiving system RHFAL HASSI, HMF FARKASH EL TOURATH REVIEW, special edition, of the works for the second Istanbul …		2019
Evaluate Energy in a Smart Building by Internet of things Techniques SSY Hend M. Farkash, Mona A. El.zuway , Hanan M. Farkash المجلة الدولية للعلوم والتقنية International Science and Technology Journal		2019
Green Technologies and Energy Management as Influential Issues in the Environmental in Libyan Society MAE Hend M. farkash المجلة الدولية للعلوم والتقنية International Science and Technology Journal		2018
Smart Beds For Hospitals with Internet of Things Solutions HMFARZ Moeid M Elsokah 5th International Conference on Automation, Control Engineering and Computer …		2018

Farhat Shaltami

College of Electrical and Electronics Technology - Benghazi

Optical networking
Optical communication systems
Optics
Fiber optics

GET MY OWN PROFILE

	All	Since 2021
Citations	34	22
h-index	4	3
i10-index	0	0

TITLE	CITED BY	YEAR
Robust stabilization of a microgrid with communication delay and uncertainties A Khalil, A Alfergani, FM Shaltami, A Asheibi Computation 11 (4), 75	8	2023
Analysis of 10 Gbps SOA-based optical network unit with low seeding power that uses feedback seeding scheme MS Ab-Rahman, FM Shaltami, IS Hwang, AA Swedan Optik 183, 602-611	5	2019
COLORLESS AND SOURCELESS OPTICAL NETWORK UNITS IN PASSIVE OPTICAL NETWORKS. MS AB-RAHMAN, FM SHALTAMI Journal of Theoretical & Applied Information Technology 75 (3)	5	2015
High-bit-rate SOA-based optical network unit with low seeding power that uses feedback seeding scheme FM Shaltami, MS Ab-Rahman, IS Hwang, AA Swedan IET Optoelectronics 11 (6), 272-277	4	2017
Principles and Issues of Colorless WDM-PON MS Ab-Rahman, FM Shaltami Australian Journal of Basic & Applied Sciences 7 (12), 294-299	3	2013
The effect of the seeding power on RSOA-based colorless ONU performance in FTTH-PON MS Ab-Rahman, FM Shaltami Int. J. Scientific Eng. Res 4, 147-148	3	2013
Delay Margin Computation of Networked Hybrid Microgrid System A Alfergani, A Khalil, FM Shaltami 2020 11th International Renewable Energy Congress (IREC), 1-6	2	2020
Control of Master-Slave DC Microgrid with Optical Fiber Communication Link A Alfergani, FM Shaltami, KA Alfaitor, A Khalil, F Mohamed 2025 15th International Renewable Energy Congress (IREC), 1-5	1	2025
Robust Stabilization of a Microgrid with Communication Delay and Uncertainties. Computation 2023, 11, 75 A Khalil, A Alfergani, FM Shaltami, A Asheibi	1	2023
Design and Implementation of Three-Phase Inverter using MOPSO A Alfergani, AA Ahmed, FM Shaltami, A Kahlil, F Mohamed 2022 13th International Renewable Energy Congress (IREC), 1-6	1	2022

TITLE	CITED BY	YEAR
Delay-Dependent Stability Analysis of Inverted Pendulum Controlled Over Communication Network A Alfergani, A Khalil, FM Shaltami Proceedings of the 6th International Conference on Engineering & MIS 2020, 1-11	1	2020
Analysis and Evaluation of Four-Wave Mixing Effects in Ultra-Dense WDM Optical Fiber Networks S Henish, FM Shaltami 2026 IEEE 5th International Maghreb Meeting of the Conference on Sciences …		2026
Overview and Experimental Implementation of DCDC Buck Converter with Voltage and Current Control Loops Using MOGA A Alfergani, S Elkawafi, H Alfaitouriy, A Algargouri, M Elwerfly, ... 2026 IEEE 5th International Maghreb Meeting of the Conference on Sciences …		2026
Simulation-based analysis for optimum RSOA-based colorless ONU performance TMS Mohammed, FM Shaltami, IMM Mohamed Journal of Optics, 1-6		2025
Feedback seeding scheme for wide frequency band with low seeding power FM Shaltami, KA Alfaitori, A Alfergani, MS Ab-Rahman Proceedings of the 6th International Conference on Engineering & MIS 2020, 1-6		2020

Rafik Elmansouri

College of electrical and electronics technology-Benghazi

Mathematics
Abstract algebra
Integral equations
Numerical analysis.

GET MY OWN PROFILE

	All	Since 2021
Citations	29	25
h-index	3	3
i10-index	0	0

TITLE	CITED BY	YEAR
The existence and uniqueness of periodic solutions for nonlinear neutral first order differential equation with functional delay HA Makhzoum, RA Elmansouri Libyan Journal of Science &Technology 7 (2)	9	2018
Existence and uniqueness of solutions for neutral periodic integro-differential equations with infinite delay on time scale H Makhzoum, AS Elmabrok, R Elmansouri Caspian Journal of Mathematical Sciences 10 (1), 93-103	8	2021
On Solutions of nonlinear functional integral equations in Frechet space HA Makhzoum, IFB Saoud, RA Elmansouri Research Journal of Mathematical and Statistical Sciences ISSN 2320, 6047	3	2023
Periodic solutions by Krasnoselskii fixed point theorem of neutral nonlinear system of dynamical equation with Variable Delays AAB Fayed, HA Makhzoum, RA Elmansouri, AK Alshaikhly Int. J. Sci. Res. in Mathematical and Statistical Sciences Vol 8 (5)	3	2021
Stability of periodic solutions for a nonlinear neutral first-order differential equation with functional delay HA Makhzouma, RA Elmansouri, MA Bashir Libyan Journal Of Basic Sciences 11 (1), 39-47	3	2020
Stability of Periodic solutions by Krasnoselskii fixed point theorem of neutral nonlinear system of dynamical equation with Variable Delays AAB Fayed, RA Elmansouri, A Imhemed Global Libyan Journal (67), 1-13	1	2023
The Existence of a Unique Solution of Nonlinear Integral Equation in Fréchet Space HA Makhzoum, AS Elmabrok, RA Elmansouri Global Libyan Journal 59	1	2022
Dynamic Performance of a Sensorless Speed Control for Induction Motor Drives based on Model Reference Adaptive System H Mustafa, MA Almaktar, S Almoshity, SM Saad المجلة الليبية للأبحاث الهندسية, 34	1	2017
Application of the Darbo Fixed Point Theorem to Fractional Integral Equations with Delay RA Elmansouri, H Makhzoum		
Stability in nonlinear integro-differential equations with functional delay on Time scale AA Imhemed, HE Jalgaf, RA Elmansouri		

TITLE	CITED BY	YEAR
Using Frechet space to solve non linear functional integral equations RA Elmansouri, AK Abduallah, AK Alshaikhly		
The Existence and Uniqueness of Periodic Solutions for Nonlinear Neutral dynamic equation with infinite delay on a Time Scale. **AA Fayed**, M Illafe, HA Makhzoum, RA Elmansouri		

Salema Younus

College of Electrical and Electronics Technology, 5213, Off Tariq Arubah, Alqwarsha, Benghazi.

Internet of Things
Computer Networks Security
Deep Learning
Information Security
Communication E

GET MY OWN PROFILE

	All	Since 2021
Citations	22	22
h-index	3	3
i10-index	1	1

TITLE	CITED BY	YEAR
Classification of cervical cancer using convolutional neural networks SA Al-asbaily, S Almoshity, S Younus, K Bozed 2024 IEEE 4th International Maghreb Meeting of the Conference on Sciences …	12	2024
PalmPrint Recognition using Deep Convolutional Neural Networks S Younus, EO Abdulali, KA Bozed, SE Boudjellal 2022 IEEE 2nd International Maghreb Meeting of the Conference on Sciences …	5	2022
Survey of Website Phishing Detection Based Deep Learning Approach S Younus, S Almoshity, A Moftah African Journal of Advanced Pure and Applied Sciences, 478-488	4	2024
Face Expressions Recognition by using Deep Learning S Almoshity, S Younus, SA Al-Asbaily International Journal of Computer Applications 186 (8), 40-44	1	2024
Improving Information Transmission Security by Using Intelligent Chaos S Younus, I Ighneiwa, S Almoshity		2022
Evaluate Energy in a Smart Building by Internet of things Techniques SY Hend Farkash,Mona El Zuway, Hanan Farkash المجلة الدولية للعلوم والتقنية International Science and Technology Journal		2019

الحصول على ملفك الشخصي الخاص

Naila Jamal Elmangosh

Assistant Lecturer, College of Electrical and Electronic Technology/Benghazi

VLC
fiber optics
LiFi
Machine Learning
Antenna

	الكل	قبل 2021
اقتباسات	14	13
h-index	3	3
i10-index	0	0

عنوان	عدد مرات الاقتباسات	السنة
Using li-fi to improve scada communications: comparative simulated study using OMNet++ N Elmangosh, I Ighneiwa Proceedings of the 6th International Conference on Engineering & MIS 2020, 1-8	4	2020
The Impact of Li-Fi Technology on Industrial Wireless Sensors Networks N Elmangosh, I Ighneiwa, IF ElShami 2022 International Conference on Engineering & MIS (ICEMIS), 1-7	3	2022
Electromagnetic shielding behavior of enclosures with apertures IF ElShami, K Elwrfalli, AI Elgayar, MM Elgaud, FH Yousuf, N Elmangosh 2022 International Conference on Engineering & MIS (ICEMIS), 1-5	3	2022
Magnetic Field Shielding Behavior of Mesh Wire in Low Frequencies IF Elshami, MZM Jenu, K Elwrfalli, AI Elgayar, N Elmangosh, FH Yousuf, ... 2022 IEEE 2nd International Maghreb Meeting of the Conference on Sciences …	3	2022
Using cap modulation to improve vlc link with oled transmitter N Elmangosh, RI Ali, SM Basha, IF ElShami 2022 International Conference on Engineering & MIS (ICEMIS), 1-6	1	2022
Shielding Effectiveness of Mesh Wire at Low Frequencies in Near Magnetic Field IF Elshami, A Gaddafi, AI Elgayar, WM Elsity, N Elmangosh, FH Yousuf, ... 2024 IEEE 4th International Maghreb Meeting of the Conference on Sciences …		2024

Salwa Almoshity

Assistant Professor of Systems and Control

Control & Systems
Industrial Automation
Artificial Intellengce

GET MY OWN PROFILE

	All	Since 2021
Citations	22	22
h-index	3	3
i10-index	1	1

TITLE	CITED BY	YEAR
Classification of cervical cancer using convolutional neural networks SA Al-asbaily, S Almoshity, S Younus, K Bozed 2024 IEEE 4th International Maghreb Meeting of the Conference on Sciences …	12	2024
Survey of Website Phishing Detection Based Deep Learning Approach S Younus, S Almoshity, A Moftah African Journal of Advanced Pure and Applied Sciences, 478-488	4	2024
Comparison study between PID and Fuzzy logic controller to improve performance of AVR system for synchronous generators S Almoshity, KA Gouda, S Younus, FA Mohamed, AM Elbreki 2022 13th International Renewable Energy Congress (IREC), 1-4	3	2022
Design of Control System for Concrete Machine based on PLC and HMI A Moftah, SI Almoshity, A Majeed, A Ghafeer African Journal of Advanced Pure and Applied Sciences, 489-496	1	2024
Face Expressions Recognition by using Deep Learning S Almoshity, S Younus, SA Al-Asbaily International Journal of Computer Applications 186 (8), 40-44	1	2024
Dynamic Performance of a Sensorless Speed Control for Induction Motor Drives based on Model Reference Adaptive System H Mustafa, MA Almaktar, S Almoshity, SM Saad 34 ,المجلة الليبية للأبحاث الهندسية	1	2017
A Study of the Adsorption Structures of Co Molecule on the MgO (001) Surface MA Kawan, MAB Yazid, AA Awhida African Journal of Advanced Pure and Applied Sciences, 31-37		2025
Comparison between fixed and moving control system algorithms to reduce loss in data and voice applications through the Internet M S. kuafi, S Almoshity, A Mohammed The 7th International Conference on Engineering & MIS 2021, 1-7		2021
On-Site Hybrid System Performance Analysis P Benghazi Wind P Solar P Thermal WPVT YAY Sassi, SI Almoshity, MS Elkuafi Proceedings of the 6th International Conference on Engineering & MIS 2020, 1-8		2020
Designand Implementation of Networked Control SystemviaEthernetforSelf Excited Induction Generator Using OPC Server A El-Manife, S Almoshity Libyan Journal for Engineering Research 1 (1)		2017
African Journal of Advanced Pure and Applied Sciences (AJAPAS) A Moftah, SI Almoshity, A Majeed, A Ghafeer		

Walid Abdalla Ramdhan Abdalla

College of Electrical and Electronics Technology, Benghazi

GET MY OWN PROFILE

	All	Since 2021
Citations	9	9
h-index	2	2
i10-index	0	0

TITLE	CITED BY	YEAR
Classifying esophageal cancer using a hybrid quantum-classical neural network WAR Abdalla 2023 IEEE 3rd International Maghreb Meeting of the Conference on Sciences …	6	2023
Brain Tumor Classification Using EfficientNet-B1: A Deep Learning Approach WAR Abdalla African Journal of Advanced Pure and Applied Sciences, 603-613	3	2024
Diagnosing Pneumonia using Convolutional Neural Networks WAR Abdalla The International Libyan Conference for Information and Communications …		2022

MONA A. ELZUWAY

College of Electrical and Electronics Technology, Benghazi -, Libya

Machine learning
Artificial Intelligence
Computer Science

GET MY OWN PROFILE

	All	Since 2021
Citations	2	2
h-index	1	1
i10-index	0	0

TITLE	CITED BY	YEAR
Effectiveness of MATLAB and Neural Networks for Solving Nonlinear Equations by Repetitive Methods MA Elzuway, HM Farkash, AM Shatshat Indian Journal of Computer Graphics and Multimedia (IJCGM) 3 (2), 1-7	1	2023
Internet of Things Security: Requirements, Attacks on SH-IoT Platform HM Farkash 2022 IEEE 21st international Ccnference on Sciences and Techniques of …	1	2022
Machine learning methods for medium-term load forecasting Study on the North Benghazi stations of the General Electricity Company in eastern Libya ME Hend M. Farkash, Mona A. El. Zuway ,Hana A. Mohammed,Asma Agaal … المجلة الدولية للعلوم والتقنية International Science and Technology Journal		2024
Electrocardiogram Signal Diagnosis Using Supervised Artificial Neural Network HM Farkash, MAE zuway iJournals: International Journal of Software & Hardware Research in …		2019
Data reduction based on information gain approach هند فركش, منى الزوي المجلة الليبية العالمية		2017
Performance Evaluation of the ECG Signal Filtering using Averaged Signal Approach HM Farkash, MA Elzuway, M Farkash		