

Najran University College of Engineering Electrical Engineering Department

EE publication list from 1/5/2018 till 1/5/2019

Journals publication

No	Article Title	Authors	Journal Title	Date	ISSN	Impact factor ISI/ SCOPUS	Evidences
1.	Super ultra-high resolution liquid-crystal-display using perovskite quantum-dot functional color-filters.	Yun-Hyuk Ko, Mohammed Jalalah, Seung-Jae Lee, Jea-Gun Park	Scientific Report	2018		ISI 4.122	

2.	Correlating nano black spots and optical stability in mixed halide perovskite quantum dots	Yun-Hyuk Ko, Prem Prabhakaran, Mohammed Jalalah, Seung-Jae Lee, Kwang-Sup Lee, Jea-Gun Park	Journal of Materials Chemistry C	2018	ISI 5.976	
3.	One-pot gram- scale, eco-friendly, and cost-effective synthesis of CuGaS ₂ /ZnS nanocrystals as efficient UV- harvesting down- converter for photovoltaics	Mohammed Jalalah, M. S. Al- Assiri, Jea-Gun Park	Advanced Energy Materials	2018	ISI 21.875	
4.	Nanoscale CuO solid-electrolyte- based conductive- bridging, random- access memory cell with a TiN liner	Jong-Sun Lee, Dong-Won Kim, Hea-Jee Kim, Soo- Min Jin, Myung- Jin Song, Ki-Hyun Kwon, Jea-Gun Park, Mohammed Jalalah, Ali Al- Hajry	Journal of the Korean Physical Society	2018	ISI 0.493	
5.	Dispersive optical power splitter: assessment through time domain techniques	M. S. Akond	Opt Quant Electron 50:221	2018	ISI 1.168	

6.	A Novel Non- Intrusive Method to Diagnose Bearings Surface Roughness Faults in Induction Motors	Muhammad Irfan	Journal of Failure Analysis and Prevention	2018			
7.	An unsupervised automated method to diagnose induction motor faults	M. Aman, Nordin Saad, Nursyarizal Bin Mohd Nor, Sheikh Tahir and Muhammad Irfan	Journal of Fundamental & Applied Sciences	2018			
8.	Safety Measurement of Electromagnetic Field Radiation from Mobile Stations at a Najran City in KSA	A. H. M. Almawgani	Global Journal of Engineering Science and Research Management	2019	2349-4506		1.pdf
9.	Design and Development of Mobile Charging System Using Thermoelectricit y	A. H. M. Almawgani, A. T. Hindi, Muhammed Irfan, Hisham Alghamidi, Saifur Rahman	Indonesian Journal of Electrical Engineering and Computer Science	2018	2502-4760	SCOPUS Q3: 0.18	2.pdf

10.	Design Of Real Time Smart Traffic Light Control System	A. H. M. Almawgani	International Journal of Industrial Electronics and Electrical Engineering	2018	2349-204X		4.pdf
11.	Design and Development of a Smart Parking System	Mohammed Omar Ba Sabbea, Muhammed Irfan, Saeed Karama ALtamimi, Saeed Mabkhot Saeed, A. H. M. Almawgani, Hisham Alghamdi	Journal of Automation and Control Engineering	2018	2301-3702	IET	5.pdf
12.	Fuzzy Based Hybrid Incorporating Wind Solar Energy Source by reduced Harmonics.	Ramya K C, K Vinoth Kumar, Muhammad Irfan, Shaghayegh Mesforush, Mohanasundara m K and Vijayakumar V	Special Issue on Intelligent, Smart and Scalable Cyber-Physical Systems, Journal of Intelligent & Fuzzy Systems	201 9		ISI 1.426	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs169982

13.	An Automated Spectral Extraction Algorithm for the Fault Diagnosis of Gears	Muhammad Irfan, Nordin Saad, Alwadie A, M. Aman, M Awais, V. Kumar	Journal of Failure Analysis and Prevention	2019	98-105	ISI	Tecturical Action of Pewer, (2010) 1998-107 **Beginding of pilo.00781-1086-018-059-1.7 **TECTURICAL ARTICLE—PERERRYIEWED An Automated Feature Extraction Algorithm for Diagnosis of Gear Faults Muhammad Fran - Nortin Saad - A. Alwalie - M. Awais - M. Amas Sheikh - A. Glowacz - V. Kumar **Galenind: 19 Jay, 2018/Polished addie; 29 November 2018 © ASM iteractured 2019 Abstract Gears are used for the transfer of mechanical transmission system. Unexpected failure of part could cause shutdown of the machines and proves to be experimentally to the companies of the protect unexpected gar failures. It has been highlighted in at the specific gar fragrenice is the instantaneous power spectrum of the motor. However, the amplitudes of these servicement moie; Thus, claimly a challenge in rad-time fault diagnosis systems. This issue has been adheread in this paper through the development of the state of the paper through the development of the control of the paper through the development of the control of the paper through the development of the control of the paper through the development of the paper through th
14.	Cost Optimization By adding SPV Plant at Load end In a Grid Connected System	Faizan Arif Khan, S. Hasan Saeed, Mohammed Asim, Saifur Rahman , Prabhat Ranjan Sarkar	International Conference on Computational and Characterizatio n Techniques in Engineering & Sciences (CCTES)	2018	978-1- 5386-4254- 2/18/\$31.0 0 ©2018 IEEE	IEEE	

15.	Lung Tumour Detection using Ultra-Wideband Microwave Imaging Approach	Adam R. H. Alhawari	Journal of Fundamental and Applied Sciences	2018	1112-9867	Emergin g Sources Citation Index (ESCI)	Lung Tumour Detection.pdf
16.	Near-field and far- field investigation of miniaturized UWB antenna for imaging of wood	Tale Saeidi , Idris Ismail, Adam R. H. Alhawari, and Wong Peng Wen	AIP Advances	2019	2158-3226	ISI 1.653	Near-field and far-field investigatio
17.	Ultra-Wideband Antennas for Wireless Communication Applications	Tale Saeidi, Idris Ismail, Wong Peng Wen, Adam R. H. Alhawari, and Ahmad Mohammadi	International Journal of Antennas and Propagation	2019	1687-5877	ISI 1.378	7918765.pdf
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Conferences publication

No.	Article Title	Authors	Conference Title	Place and Data	Evidences
1.	Smart and Efficient Energy Saving System Using PDLC Glass	Hisham Alghamidi and A.H.M. Almawgani	Smart Cities Symposium	Prague 2019	1.pdf
2.	Smart Parking System for Monitoring Cars and Wrong Parking	Faris Alshehri, A. H. M. Almawgani, Ayed Alqahtani, Abdurahman Alqahtani	IEEE International conference on Computer Applications & Information Security, ICCAIS'2019.	Riyadh, Saudi Arabia 2019	2 ver 3.pdf

3.	Analysis of Bearing Faulty Cage using Non-Intrusive Condition Monitoring Techniques,"	Muhammad Irfan, Alwadie. A, Nordin Saad, Muhammad Aman Sheikh	International Conference on Renewable Energies and Power Quality (ICREPQ)	Tenerife, Spain, April, 2019	Analysis of Bearing Faulty Cage using Non-Intrusive Condition Monitoring Techniques Analysis of Bearing Faulty Cage using Non-Intrusive Condition Monitoring Techniques Muhammad Irfan¹, Alvadic, A², Nordin Saad², Muhammad Arnan Sheikh²
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Book chapter

No.	Chapter Title	Authors	Publisher	Data
1.	Invasive Methods to Diagnose Stator Winding and Bearing Defects of an Induction Motors: Invasive Methods to Diagnose Stator Winding and Bearing Defects of an Induction Motors	Muhammad Aman, Nursyarizal, Nordin Saad and Muhammad Irfan	Advanced Condition Monitoring and Fault Diagnosis of Electric Machines (ISBN: 978-1-5225-6989-3)– IGI Global	September 2018
2.	Advanced fault diagnosis monitoring scheme in Asynchronous motor Using Soft Computing method	K. Vinoth Kumar, Ramya K. C and Muhammad Irfan	Advanced Condition Monitoring and Fault Diagnosis of Electric Machines (ISBN: 978-1-5225-6989-3)– IGI Global	September 2018
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