



Published Academic Papers of Electrical Engineering Department Staff in SCOPUS - 2020



No.	Authors	Title	Journal/ Conference Name	URL
1	Munther Naif, Settar S. Keream	An evaluation of the accelerometer output as motion artifact signal during photoplethysmography signal	Indonesian Journal of Electrical Engineering and Computer Science	http://ijeecs.iaescore.com/index.php/IJECS/article/view/22469
2	Omar Kamil Dahham Alazzawi, Mustafa Ahmed Nayyef, Munther Naif	Transient stability enhancement in the presence of optimally placed D-FACTS	International Journal of power Electronics and Drive System	Transient stability enhancement in the presence of optimally placed D-FACTS Alazzawi International Journal of Power Electronics and Drive Systems (IJPEDS) (iaescore.com)
3	Yassir Abdulhafdh Ahmed, Yousif I.M. Al-Mashhadany, Mustafa Ahmed Nayyef	High performance of excitation system for synchronous generator based on modeling analysis	Bulletin of Electrical Engineering and Informatics	https://beei.org/index.php/EEI/article/view/2627
4	Y. I. Al-Mashhadany	Design and analysis of 7-DOF human-link manipulator based on hybrid intelligent controller	Robotics, Automation and control systems	Y. I. AL Mashhadany, "Design and analysis of 7-dof human-link manipulator based on hybrid intelligent controller", Tr. SPIIRAN, 19:4 (2020), 774–802 (mathnet.ru)
5	Yousif I. Al-Mashhadany	An analysis review of detection coronavirus disease 2019 (COVID19) based on biosensor application	Sensors	Sensors Free Full-Text An Analysis Review of Detection Coronavirus Disease 2019 (COVID-19) Based on Biosensor Application (mdpi.com)
6	Yousif I. Al-Mashhadany	Induction motor fault detection based on multi- sensory control and wavelet analysis	The Institution of Engineering and Technology	Induction motor fault detection based on multi-sensory control and wavelet analysis - Abubakar - 2020 - IET Electric Power Applications - Wiley Online Library



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7	Yousif I. Al-Mashhadany	Real time modified programmable universal machine for assembly (PUMA) 560 with intelligent controller	Indonesian Journal of Electrical Engineering and Computer Science	http://ijeecs.iaescore.com/index.php/IJEECS/article/view/22596
8	Yousif I. Al Mashhadany	Virtual reality trajectory of modified PUMA 560 by hybrid intelligent controller	Bulletin of Electrical Engineering and Informatics	http://dx.doi.org/10.11591/eei.v9i6.2579
9	Ehsan H Sabbar	Mechanism of stacking fault formation in metal (100) heteroepitaxial growth	Physical Review Journals	Phys. Rev. Materials 4, 113403 (2020) - Mechanism of stacking fault formation in metal(100) heteroepitaxial growth (aps.org)
10	Ahmed A. Abbas	5G cognitive radio system design with new algorithm asynchronous spectrum sensing	Bulletin of Electrical Engineering and Informatics	https://beei.org/index.php/EEI/article/view/2839
11	Naser Al- Falahy, Mohammed Almahamdy	Performance analysis of millimeter wave 5G network for outdoor environment : propagation perspectives	Indonesian Journal of Electrical Engineering and Computer Science	http://ijeecs.iaescore.com/index.php/IJEECS/article/view/22470
12	Abdullah Khalid Ahmed	Multimodal biometric system iris and fingerprint recognition based on fusion technique	International Journal of Advanced Science and Technology	Multimodal Biometric System Iris and Fingerprint Recognition Based on Fusion Technique International Journal of Advanced Science and Technology (sersc.org)
13	Mohammed K.Awsaj, Balasem Salem Sumait, Abdullah Khalid Ahmed	Triple pass in L band erbium doped fiber amplifier with fiber bragg grating	Solid State Technology	http://solidstatetechnology.us/index.php/JSST/article/view/2863



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14	Abdullah Khalid Ahmed	Two-level scheduling schem for integrated4G-WLAN network	International Journal of Electrical and Computer Engineering (IJECE)	http://ijece.iaescore.com/index.php/IJECE/article/view/15912
15	Ehsan H Sabbar, Indiras Khatri	Mechanism of stacking fault formation in metal (100) heteroepitaxial growth	APS physics	Phys. Rev. Materials 4, 113403 (2020) - Mechanism of stacking fault formation in metal(100) heteroepitaxial growth (aps.org)
16	Yousif I. Al Mashhadany	Optimal DC machines performance based on intelligent controller Optimal DC machines performance based on intelligent controller	IOP Conference Series: Materials Science and Engineering	Optimal DC machines performance based on intelligent controller - IOPscience
17	Mushtaq Najeeb Ahmed, Hatem Fahad , Yasir Abdulhafed Ahmed	an improved pi-multistart control algorithm for standalone pv inverter system	international journal of renewable energy research	https://www.ijrer.org/ijrer/index.php/ijrer/article/view/6423
18	Waleed Khalid, Shakir Al-Jubori, Yasir Abdulhafed Ahmed	study and analysis the effect of variable applied voltage on scim performances based on fea	international journal of power electronics and drive systems	http://dx.doi.org/10.11591/ijpeds.v11.i3.pp1230-1240
Total				18