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| ▼ الاسم المستخدم في نشر البحوث حسب الكوكل سكولر:Bassim M. H. Jassim |

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| ▼ الاتجاهات البحثية:Power Electronic Control, Power Factor regulation, and Fault Diagnosis |

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| ▼ الدرجة العلمية: استاذ مساعد |

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| ▼ الأبحاث المنشورة  |  |  |  |  | | --- | --- | --- | --- | | **ت** | **عنوان البحث** | **مكان النشر** | **السنة** | | **1** | Impact of induction motor faults on the basic parameters’ values | Journal of Engineering | 2020 | | **2** | [Open-circuit fault diagnosis in three-phase induction motor using model-based technique](http://journals.pan.pl/Content/117665/PDF/art06.pdf) | Archives of Electrical Engineering | 2020 | | **3** | [Average Current Control for Parallel Connected Converters](https://jpels.org/digital-library/manuscript/file/17276/09-JPE-18-12-149.pdf) | Journal of Power Electronics | 2019 | | **4** | Inter-Turn Stator Winding Faults Diagnosis in Three-Phase Induction Motor Fed from Imbalanced Voltage Source | Journal of Engineering and Applied Sciences | 2019 | | **5** | Modelling of a Solar Array Simulator-based on Multiple DC-DC Converters | International Journal of Renewable Energy Research-IJRER | 2018 | | **6** | Modular Current Sharing Control Scheme for Parallel-Connected Converters | [IEEE Transactions on Industrial Electronics](https://www.researchgate.net/journal/0278-0046_IEEE_Transactions_on_Industrial_Electronics) | 2015 | | **7** | Control of Parallel Connected Three-Phase PWM Converters without Inter-Module Reactors | [Journal of power electronics](https://www.researchgate.net/journal/1598-2092_Journal_of_power_electronics) | 2015 | | **8** | Virtual impedance current sharing control of parallel connected converters for AC motor drives | [Energy Conversion Congress and Exposition (ECCE), 2014 IEEE](http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=6926643) | 2014 | | **9** | SEPIC AC-DC converter for aircraft application | MELECON 2014 -17th IEEE Mediterranean Electrotechnical Conference | 2014 | | **10** | New Control Method for Parallel Connected Three-Phase PWM Converters | Annual Research Conference at School of Electrical and Electronic Engineering –Newcastle University-UK, 2013 | 2013 | | **11** | Implementation of a Non Zero Vector Space Vector Pulse Width Modulation Using TMS320F28335 Microcontroller | Annual Research Conference at School of Electrical and Electronic Engineering –Newcastle University-UK, 2012 | 2012 | | **12** | Simple control method for parallel connected three-phase PWM converters | 6th IET International Conference on Power Electronics, Machines and Drives (PEMD 2012) | 2012 | | **13** | Modeling and Simulation of Sensorless Speed Control of a Buck Converter Controlled DC Motor | Al-Khwarizmi Engineering Journal | 2010 | | **14** | Modeling and Simulation of a Buck Converter Controlled a Sensorless DC Series Motor | The Engineering Journal-Iraq | 2010 | | **15** | Transformer Design of Half Bridge DC-DC Converter | The 6th Engineering Conference-College of Engineering-Baghdad-Iraq | 2009 | |

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| ▼ الكتب والمؤلفات  * N/A |

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| ▼ رسائل الماجستير الذي اشرف عليها  |  |  |  |  | | --- | --- | --- | --- | | **ت** | **عنوان الرسالة** | **القســـم** | **السنــة** | | 1 | Photovoltaic Simulator Based on Synchronous Buck Converter | قسم الهندسة الكهربائية -جامعة بغداد | 2018 | | 2 | Diagnosis of Stator Winding Faults of Induction Motor | قسم الهندسة الكهربائية -جامعة بغداد | 2019 | | 3 | Model-based Diagnosis of Stator Winding Faults in Induction Motor | قسم الهندسة الكهربائية -جامعة بغداد | 2020 | | |
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