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Publication Details:

- [1] Simulation and performance of modified coupled inductor based sepic converter with high static gain International Journal of Innovative Technology and Exploring Engineering 2019 | journal-article
- [2] Soft Magnetic Composite Switched Reluctance Generator-fabrication and analysis Advanced Materials Research 2012 | book DOI: 10.4028/www.scientific.net/AMR.383-390.5516
- [3] Performance analysis of a soft magnetic composite switched reluctance generator European Journal of Scientific Research 2012 | journal-article EID: 2-s2.0-84865689529
- [4] Dynamic analysis of switched reluctance motor using soft magnetic composite material 2010 Joint International Conference on Power Electronics, Drives and Energy Systems, PEDES 2010 and 2010 Power India 2010 | conference-paper DOI: 10.1109/PEDES.2010.5712525
- [5] Coupled field finite element analysis of switched reluctance motor with soft magnetic composite material for thermal characterization ICIIS 2009 - 4th International Conference on Industrial and Information Systems 2009, Conference Proceedings 2009 | conference-paper DOI: 10.1109/ICIINFS.2009.5429803
- [6] Study on switched reluctance generator for rural electrification ICIIS 2009 - 4th International Conference on Industrial and Information Systems 2009, Conference Proceedings 2009 | conference-paper DOI: 10.1109/ICIINFS.2009.5429816
- [7] Time-stepping analysis of a switched reluctance generator by coupling electric circuit and electromagnetic finite element method ICIIS 2009 - 4th International Conference on Industrial and Information Systems 2009, Conference Proceedings 2009 | conference-paper DOI: 10.1109/ICIINFS.2009.5429804
- [8] An investigation into vibration in high speed switched reluctance motor with soft magnetic composite material IEEE Region 10 Colloquium and 3rd International Conference on Industrial and Information Systems, ICIIS 2008 2008 | conference-paper DOI: 10.1109/ICIINFS.2008.4798392

- [9] Influence of soft magnetic composite material on the electromagnetic torque characteristics of switched reluctance motor 2008 Joint International Conference on Power System Technology POWERCON and IEEE Power India Conference, POWERCON 2008 2008 | conference-paper DOI: 10.1109/ICPST.2008.4745272
- [10] Switched reluctance motor modelling, design, simulation, and analysis: A comprehensive review IEEE Transactions on Magnetics 2008 | journal-article DOI: 10.1109/TMAG.2008.2003334
- [11] Torque-to-weight ratio improvement with soft magnetic composite material in high speed switched reluctance motor IEEE Region 10 Annual International Conference, Proceedings/TENCON 2008 | conference-paper DOI: 10.1109/TENCON.2008.4766437
- [12] Two dimensional magnetic and thermal analysis of high speed switched reluctance motor using soft magnetic composite material IEEE Region 10 Annual International Conference, Proceedings/TENCON 2008 | conference-paper DOI: 10.1109/TENCON.2008.4766454