



### SCI Published Papers 2017

Sl No	Name of the Faculty	Chicago format	Link to the relevant document
1	Ananth, D.V.N., Nagesh Kumar, G.V.	Ananth, D. V. N., and GV Nagesh Kumar. "Mitigation of voltage dip and power system oscillations damping using dual STATCOM for grid connected DFIG." <i>Ain Shams Engineering Journal</i> 8, no. 4 (2017): 581-592.	<a href="https://doi.org/10.1016/j.asej.2015.12.002">https://doi.org/10.1016/j.asej.2015.12.002</a>
2	Roy, S., Bhattacharyya, D., Bandyopadhyay, S.K., Kim, T.-H.	Roy, Sudipta, Debnath Bhattacharyya, Samir Kumar Bandyopadhyay, and Tai-Hoon Kim. "An iterative implementation of level set for precise segmentation of brain tissues and abnormality detection from MR images." <i>IETE Journal of Research</i> 63, no. 6 (2017): 769-783.	<a href="https://doi.org/10.1080/03772063.2017.1331757">https://doi.org/10.1080/03772063.2017.1331757</a>
3	Dhanalakshmi, B., Kollu, P., Sekhar, B.C., Parvatheeswara Rao, B., Rao, P.S.V.S.	Dhanalakshmi, B., Pratap Kollu, B. Chandra Sekhar, B. Parvatheeswara Rao, and PSV Subba Rao. "Enhanced magnetic and magnetoelectric properties of Mn doped multiferroic ceramics." <i>Ceramics International</i> 43, no. 12 (2017): 9272-9275.	<a href="https://doi.org/10.1016/j.ceramint.2017.04.085">https://doi.org/10.1016/j.ceramint.2017.04.085</a>
4	Naidu, Y.S., Kumar, G.V.N.	Naidu, Yerra Swamy, and Gundavarapu Venkata Nagesh Kumar. "Minimisation of electric field stress at triple junction of a functionally graded cone type spacer in a gas insulated busduct with metal inserts." <i>High Voltage</i> 2, no. 2 (2017): 110-118.	<a href="https://doi.org/10.1049/hve.2016.0101">https://doi.org/10.1049/hve.2016.0101</a>
5	Roy, S., Bhattacharyya, D., Bandyopadhyay, S.K., Kim, T.-H.	Roy, Sudipta, Debnath Bhattacharyya, Samir Kumar Bandyopadhyay, and Tai-Hoon Kim. "An effective method for computerized prediction and segmentation of multiple sclerosis lesions in brain MRI." <i>Computer methods and programs in biomedicine</i> 140 (2017): 307-320.	<a href="https://doi.org/10.1016/j.cmpb.2017.01.003">https://doi.org/10.1016/j.cmpb.2017.01.003</a>
6	Parmar, R.R., Roy, S., Bhattacharyya, D., Bandyopadhyay, S.K., Kim, T.-H.	Parmar, Raj R., Sudipta Roy, Debnath Bhattacharyya, Samir Kumar Bandyopadhyay, and Tai-Hoon Kim. "Large-scale encryption in the Hadoop environment: Challenges and solutions." <i>IEEE Access</i> 5 (2017): 7156-7163.	<a href="https://doi.org/10.1109/ACCESS.2017.2700228">10.1109/ACCESS.2017.2700228</a>