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**Publications:** (Last 5 years)

- 1. Dominic Savio, A., Vimala Juliet, A., Development of multiple plug-in electric vehicle mobile charging station using bidirectional converter, International Journal of Power Electronics and Drive Systems, 11(2), pp. 785-791, (2020)
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- 3. Jeyashree, Y., Sukhi, Y., Vimala Juliet, A., Lourdu Jame, S., Indirani, S., Concentrated solar thermal energy harvesting using Bi2Te3based thermoelectric generator, Materials Science in Semiconductor Processing, 107,104782, (2020)
- 4. Santhosh, S., Vimala Juliet, A., Hari Krishnan, G., Simulation of Signal Generation and Measuring Circuit and Real Time IoT Based Electrical Bio Impedance Cardiac Monitoring System, Advances in Intelligent Systems and Computing, 1039, pp. 701-706, (2020)
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- 13. R Narayanamoorthi, AV Juliet, B Chokkalingam, "Frequency splitting-based wireless power transfer and simultaneous propulsion generation to multiple micro-robots", IEEE Sensors Journal (13), 5566-5575 (2018)
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- 15. R Narayanamoorthi, AV Juliet, "Capacitor-Less High-Strength Resonant Wireless Power Transfer Using Open Bifilar Spiral Coil", IEEE Transactions on Applied Superconductivity 29 (1), 1-8 (2018)
- 16. R Ghosh, A Tamboli, AV Juliet, EP Braineard, "Simulation and Analysis of MEMS based Multistep Piezoelectric Actuator", International Journal of Pure and Applied Mathematics 118 (20), 277-281 (2018)
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