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**Publications List**

| <b>S. No.</b> | <b>Name of the Author</b>  | <b>Title of the paper</b>  | <b>Name of the Journal Publications</b>                                    | <b>Publication Year</b> |
|---------------|--|--|--|-------------------------|
| 1.            | C Sasikumar<br><b>S Jaganathan</b><br>S Suryaprakash                           | Investigation on demand response of Indian electrical energy micro grid  | Materials Today: Proceedings, Elsevier                                     | 2020                    |
| 2.            | R Geethamani<br><b>S Jaganathan</b><br>S Prem Anand<br>S Sheeba Rani, B Stalin | Heat capacity improvement in the electric furnace through amendment of the electric circuit on melting of hardox steel | Materials Today: Proceedings, Elsevier                                     | 2020                    |
| 3.            | <b>Jaganathan S</b><br>Pandeewari S  | A Review on Minimization of Torque Ripples in BLDC Motors  | Journal of Xidian University ISSN No:1001-2400                             | 2020                    |
| 4.            | Josephine R L.<br>Sathiyathan M<br><b>Jaganathan S</b>                         | Design and Analysis of Universal Power Converter for Hybrid Solar and Thermoelectric Generators                        | Journal of Power Electronics, Korean Institute of Power Electronics (KIPE) | 2019                    |
| 5.            | <b>S Jaganathan</b><br>C Sasikumar   | Smart Grid Architecture Model – India and Germany  | International Journal of Recent Technology and Engineering ISSN: 2277-3878 | 2019                    |
| 6.            | K.Shankarkumar<br>J .Chitra<br><b>S.Jaganathan</b>                             | Superlift Converter Based Hybrid Power Generation System: A Review   | Suraj Punj Journal For Multidisciplinary Research                          | 2019                    |
| 7.            | <b>S Jaganathan</b><br>C Sasikumar   | Smart Grid Structure – India and Germany   | International Journal of Engineering and Advanced Technology               | 2018                    |
| 8.            | C Sasikumar  | A Dynamic Carpooling System with Social  | Research Journal of Engineering and  | 2017                    |

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|-----|---|---|---|------|
|     | <b>S Jaganathan</b>                                   | Network Based Filtering   | Technology  |      |
| 9.  | S Divya<br><b>S Jaganathan</b>                        | Fuzzy Logic Based Power Factor Correction for BLDC Drive  | International Journal of Scientific Engineering and Technology  | 2017 |
| 10. | <b>S. Jaganathan</b><br>C. Kathirvel<br>K. Porkumaran | Design and Implementation of Improved Electronic Load Controller for Self-Excited Induction Generator for Rural Electrification | The Scientific World Journal,<br>Hindawi Publishing Corporation | 2015 |
| 11. | S Ramachandran<br><b>S Jaganathan</b><br>M Elakkiya   | ETA algorithm for vehicle positioning and GSM based securing message through vehicle to infrastructure communication            | International Journal of Applied Engineering Research           | 2015 |