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Area of specialization: MEMS, Microfluidics, Microneedle based Drug Delivery System, Hybrid Renewable Energy Systems, Industrial automation.

**Publications(last 5 years):**

1. Raja Rajeswari, N, Malliga, P & Gnanavel B K , ‘Hollow Microneedle for Drug Delivery Applications to Improve Patient Compliance’, Asian Journal of Research in Social Sciences and Humanities Vol 6, No 11,2016, pp.519-530.(2016)
2. Raja Rajeswari, N & Malliga, P , ‘Analytical approach for optimization design of MEMS based microneedles in drug delivery system’, Journal of Mechanical Science and Technology, Vol. 29, No.8.pp. 3405-3415, Springer. (Impact factor 0.838)(2015)
3. Raja Rajeswari, N, Malliga, P & Gnanavel B K 2015, ‘Design and Simulation of Microactuator using Phase Change Liquid for Drug Delivery System’, International Journal of ChemTech Research, Vol.8, No.11.pp. 271-276.(2015)