Dr T. Aravind

Designation: Associate Professor
Department: Department of Electronics and Communication Engineering
Institution: Saveetha Engineering College
Place: Thandalam
Pincode: 602105
Phone: 8939633699
Email: aravind@saveetha.ac.in
Area of specialization: MEMS, VLSI Design, Wireless Networks

Publications: (Last 5 years)

1. Aravind Thangavel, Ramesh Rengaswamy, Praveenkumar Sukumar, "Design and material analysis for prototyping of four arm mechanical microgripper with self-locking and anti-slipping capability", Microsystem Technologies (2019), Vol. 25, 851-60.
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4. Praveen Kumar S, Ramesh R, Aravind T, "Analysis of Different Size Microchannel through Particle Tracing for Biomolecule Separation", Journal of Computational and Theoretical Nanoscience (2017), Vol. 14 (7), pp: 3351-55.
5. Praveen Kumar S, Ramesh R, Aravind T, "Porous based immunosensor for detection of LDL molecules from blood serum using array of cantilever beam", Journal of advances in chemistry (2017), Vol. 13 (7), pp: 6333-40.
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8. SP Kumar, T Aravind, Karman Francis, "MEMS based Force Sensor for structural mechanics Interpretation in Micro devices", Journal of Chemical and Pharmaceutical Sciences (2017).
9. T Aravind, R Ramesh, S Praveen Kumar, "Design and simulation of a novel polymer based 4 arms mechanical microgripper for micromanipulation", World applied sciences journal (2016), Vol. 34 (10), pp: 1318-25.

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11. Praveen kumar, S, Ramesh, R & Aravind, T, ‘Isolation and detection of Low density lipoprotein using porous silicon based array of cantilever’, International Journal of Printing, Packaging & Allied Sciences (2017), Vol. 4, pp. 2488-97.
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