
Paper Published in National Journals

1. Manimegalai, K., Thanga Tamilmani, M. and Dhivya, R. 2009. Effect of *Prosopis juliflora* leaf and seed extracts on the larvae of *Culex quinquefasciatus*. **Advances in Applied Research**. 1(2): 119-125.
2. Manimegalai, K., Dhivya, R. and Dhanalakshmi, D. 2010. Larvicidal activity of leaf and seed of *Datura metal* on the mosquito, *Culex quinquefasciatus*. **Plant Archives**. 10(1): 245-247.
3. Manimegalai, K., Dhivya, R. and Dhanalakshmi, D. 2011. Effects of *Calotropis Procera* leaf and seed extracts as an effective agent against the larva of *Culex quinquefasciatus*. **Uttar Pradesh Journal of Zoology**. 31(1): 83-86.
4. Manimegalai, K., Annapoorani, C.A. and Dhivya, R. 2011. Larvicidal activity of *Thevetia nerifolia* against *Culex quinquefasciatus* (Diptera: Culicidae). **Plant Archives**. 11(1): 491-493.

Paper Published in International Journals

1. Dhanalakshmi, D., Dhivya, R. and Manimegalai, K. 2013. Antibacterial activity of selected medicinal plants from South India. **Hygeia Journal for Drugs and Medicines**. 5(1): 63-68.
2. Dhivya, R. and Manimegalai, K. 2013. Wing shape analysis of the *Japanese encephalitis* vector *Culex gelidus* (Diptera: Culicidae) at the foot hill of Southern Western Ghats, India. **World Journal of Zoology**. 8(1): 119-125.
3. Dhivya, R. and Manimegalai, K. 2013. Comparative ovicidal potential of the flower and leaf extracts of *Calotropis gigantea* against the filarial vector, *Culex quinquefasciatus* (Diptera: Culicidae). **International Journal of Recent Scientific Research**. 4(6): 735-737. **Impact factor: 3.**

4. Dhivya, R. and Manimegalai, K. 2013. Preliminary phytochemical screening and GC-MS profiling of ethanolic flower extract of *Calotropis gigantea* Linn. (Apocyanaceae). ***Journal of Pharmacognosy and Phytochemistry***. 2(3): 28-32.
5. Dhivya, R. and Manimegalai, K. 2013. Mosquito repellent activity of *Calotropis gigantea* (Apocynaceae) flower extracts against the filarial vector *Culex quinquefasciatus*. ***Hygeia Journal for Drugs and Medicines***. 5(2): 56-62.
6. Dhivya, R. and Manimegalai, K. 2013. *In silico* molecular docking and molecular dynamics applications in the designing of a new mosquito repellent from the plant *Calotropis gigantea* targeting the odorant binding protein of *Culex quinquefasciatus*. ***International Journal of Pharmaceutical and Phytopharmacological Research***. 3(2): 134-138. **Impact factor: 0.7826.**
7. Dhivya, R. and Manimegalai, K. 2014. *In silico* molecular docking studies on phytocompounds from the plant *Tagetes erecta* targeting the odorant binding protein of *Culex quinquefasciatus*. ***International Journal for Pharmaceutical Research Scholars***. 2(4): 370-374. **Impact factor: 1.0285.**
8. Dhivya, R. and Manimegalai, K. 2014. Design and discovery of novel therapeutic natural repellent against *Culex quinquefasciatus* from the plant *Thevetia peruviana* by *in silico* approach. ***International Journal of Pharmaceutical Research and Development***. In Press. **Impact factor: 2.01.**

Paper Published in Conferences

1. Presented a paper in seminar cum exhibition of Tamilnadu State Council for Science and Technology held in K.L.N College of Engineering, Pottapalayam, Madurai on “Climate Change and Mosquito Prevalence in Coimbatore” on 8th August, 2009.
2. Presented a paper in National conference on “Biotechnological approaches in Aquaculture” conducted at Bharathiar University, Coimbatore from February 1st to 3rd February, 2012.
3. Presented a paper in International conference on “Science and Technology for Clean and Green Environment - 2012” held at Annamalai University, Annamalai nagar on 27th and 28th July, 2012.
4. Presented a paper in an UGC, DST-CURIE and TNSCST sponsored Interdisciplinary National conference on “Biodiversity and Ecotourism” held at Avinashilingam University for Women, Coimbatore on 7th and 8th January, 2013.
5. Presented a paper in an UGC, DBT, CSIR and DRDO sponsored International conference on “Conservation Strategies for Bioresources” held at PSGR Krishnammal College for Women, Coimbatore on 5th and 6th February, 2013.