

References

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Publications & Presentations

9. List of Publications

- [1] Enhanced electrical conductivity of the ZnO nanoparticles coated bacterial nanowires
Maruthupandy. M., Anand. M, Maduraiveeran. G, Hameedha Beevi. A and Jeeva Priya. R (Submitted for Publication).
- [2] Electrical Conductivity Measurements of Bacterial Nanowires from *Pseudomonas aeruginosa*
Maruthupandy. M., Anand. M, Maduraiveeran. G, Hameedha Beevi. A and Jeeva Priya. R (Submitted for Publication).
- [3] Simplified Method for Isolation and Separation of Bacterial Nanowires from *Pseudomonas aeruginosa*
Anand. M, **Maruthupandy. M.**, Akbar. S.H.B and Priya. R.J
Nanomedicine and Nanobiology 2014, 1, 1-6.
- [4] Biodiesel Production from Mixed Cured Oil of Non-edible Marine Fishes
Anand. M, Gobalakrishnan. M, **Maruthupandy. M.** and Suresh. S
Energy and Environment Focus 2015,4, 1-7.
- [5] Antibacterial Activity of the Crude Extracts of *B. subtilis* from SML
Hameedha Beevi. A, **Maruthupandy. M.**, Jeeva Priya. R and Anand. M
International Journal of Pharmaceutical Sciences and Research 2014, 5, 3692-3695.
- [6] Characterization of Metabolites of *Bacillus Subtilis* Isolated from Sea Surface Microlayer and its Antibacterial Activity
Hameedha Beevi. A, **Maruthupandy. M.**, Jeeva Priya. R and Anand. M
International journal of pharmaceutical sciences and health care 2014, 4, 15-24.
- [7] A Simple and Modified Membrane Method to Sample Bacterioneuston
Anand. M, Hameedha Beevi. A, **Maruthupandy. M.** and Jeeva Priya. R
Advanced Science focus 2014, 2, 86-91.
- [8] Larvicidal Activity of Chitosan Nanoparticles Synthesized from Crab and Squilla Species against *Aedes aegypti*
Anand. M, **Maruthupandy. M.**, Kalaivani R, Suresh. S and Kumaraguru, A. K
Journal of Colloid Science and Biotechnology 2014, 3, 188-193.
- [9] Extraction and Characterization of Chitosan from Marine Crab and Squilla Collected from the Gulf of Mannar Region, South India
Anand. M., Kalaivani R, **Maruthupandy. M.**, Kumaraguru. A. K, and Suresh, S.

Journal of Chitin Chitosan Science 2014, 2, 1–8.

- [10] Decolorization of Textile Dye Effluent using *Bacillus* sp. and *Aspergillus* sp.
Maruthupandy. M, Jerley. A, and Anand, M.
Journal of Pharmaceutical Sciences 2012, 2, 217-221.
- [11] Biosynthesis of Silver Nanoparticles by using Mangrove Plant Extract and their Potential Mosquito Larvicidal Property
Gnanadesigan. M, Anand. M, Ravikumar. S, **Maruthupandy. M**, Vijayakumar. V, Selvam. S, Dhinesh kumar. M and Kumaraguru, A.K
Asian Pacific Journal of Tropical Medicine 2011, 799-803.
- [12] Antibacterial Potential of Biosynthesised Silver Nanoparticles using *Avicennia marina* Mangrove Plant
Gnanadesigan. M, Anand. M, Ravikumar. S, **Maruthupandy. M**, Ali. M.S, Vijayakumar. V and Kumaraguru, A. K
Applied Nanoscience 2011, 2, 143-147.
- [13] Impact of Heavy Metal Stress and Some Physiological Response in *Vigna radiate*
Anand. M, Karpakam. L, **Maruthupandy. M**, Palani Kumar. L, and Kumarakuru. A.K
International Journal of Environment and Earth Sciences 2011, 1:2, 39-49.

9.1 Research Papers Presented in Academic Conferences

- [1] Synthesis and Characterization of Conductive Polymer Nanowires
Maruthupandy. M, Hameedha. A, Priya. J.R, and Anand. M
Energy Fest '14 Seminar on Advance technologies and Innovation in Energy and Environment, Madurai Kamaraj University, Madurai, 28 March 2014.
- [2] Swarming Motility and Viscosity of Bacterial Filaments
Maruthupandy. M and Anand, M
National Conference on Innovation, Implementations and Controversies of Animal Biotechnology (NCIICAB-2014), Bharathidasan University, 8, 9 January 2014.
- [3] Isolation and separation of bacterial nanowires from *Pseudomonas aeruginosa*.
Maruthupandy. M
School seminar presented at School of Energy, Environment and Natural Resources, Madurai Kamaraj University, Madurai, Tamil Nadu.

- [4] Production of Electricity from Microbial Fuel Cells (MFCs) using Metal Reducing Bacteria
Maruthupandy. M, Hameedha. A, Priya. J.R, Kalaivani. R and Anand. M
International Workshop and Conference on “Renewable Energy and Climate Change Exploring Opportunities for Substantial Development” (IWCRECC-2012). Madurai Kamaraj University, Madurai. 10-12 April 2012.
- [5] Self Assembled Silk Sericin/Ploxamar Nanoparticles as Nanocarrier of Hydrophobic and Hydrophilic Drugs for Depolymerization of β - tublin in Chromosome Segregation
Maruthupandy. M and Anand, M
International Conference nanoscience, nanotechnology and Advance materials (NANOS- 2010), GITAM University, Visakhapatnam, 17 – 19 December 2010.
- [6] Influence of Bacillus Sp. and Aspergillus Sp. On Decolorization of Textile Dye Effluent
Maruthupandy. M, Jurley. A, and Anand, M
National level Seminar (Biogalaxia 2010), Bharathiar University, Coimbatore, 13 October 2010.
- [7] Synthesis and Characterization of Chitosan Nanoparticles
Maruthupandy. M, Arumugam, A
International Conference on Nanoscience and Nanotechnology (ICOANN-2010), Alagappa University, Karaikudi, 1- 3 march 2010.