

Papers published in Journals - 28

1. **Ananda kumar. A. M.**, S. Paulsamy, P. Sathish kumar and P. Senthilkumar, 2009. Preliminary phytochemical studies for the quantification of secondary metabolites of medicinal importance in the plant, *Acalypha fruticosa* Forssk. *Journal of Applied and Natural Science*. **1**(1): 41-43. (Scopus)
2. P. Sathish kumar, S. Paulsamy, **A.M. Ananda kumar** and P. Senthilkumar, 2009. Effect of habitat variation on the content of certain secondary metabolites of medicinal importance in the leaves of the plant, *Acacia caesia* Willd. *Advances in Plant Sciences*. **22**(II):451-453.(Scopus)
3. Paulsamy, S., P. Senthilkumar, **A. M. Ananda Kumar** and P. SathishKumar, 2009. *Elaeagnus kologa* Schlecht. – an under utilized species for edible fruits in Nilgiris, the Western Ghats. *Indian Journal Natural Product Resource* **1**(2):258-260. (ESCI, Thomson Reuters Web of Science)
4. Sathishkumar, P., S. Paulsamy and **A.M. Ananda kumar**, 2010. Evaluation of genetic diversity in the plant species, *Acacia caesia* (L.) Willd. inhabiting the environmental gradient in the Western Ghats of Tamil Nadu, India, *Maejo International Journal of Science and Technology (MIJST)* 4(03):533-539. (SCI and Scopus)
5. Paulsamy, S., P. Senthilkumar, **A.M. Ananda kumar** and P. Sathish kumar, 2010. Utilization of forest flora as agricultural tools and other domestic goods by the villagers adjoining the foot hills of Anamalais, the Western Ghats, Coimbatore district. *Non-Timber Forest Products* 17(3): 339-344.
6. **Ananda kumar A.M.**, S. Paulsamy and P. Sathishkumar, 2012. Genetic variation in the populations of the plant species, *Acalypha fruticosa* forssk. in an environmental gradient, *Biotechnology Research Bulletin* 1: 001-004.
7. **Ananda kumar A.M.**, S. Jamuna , A. Venkatachalapathi and S. Paulsamy, 2018 Identification of Bioactive Compounds Present in the Crude Methanolic Leaf Extract of *Acalypha Fruticosa* Forssk. through GC-MS Analysis, *Trends in Biosciences*11(7): 1003- 1013.

8. **Ananda kumar A.M.**, G.Shanmugapriya , and P.Sathishkumar, 2018. Evaluation of cytotoxic effect of phoskill on the root tips of *Allium cepa* L. World Journal of Pharmaceutical Research 7 (13):880- 886.
9. **A. M. Ananda kumar**, S. Kiruthika, P. SathishKumar, 2018. Allelopathic effect of some common weeds on two important crops *Zea mays* L. and *Vigna radiata* (L.) Wilczek., JETIR, Volume 5, Issue 12, 291 - 295. (Scopus)
10. Sathishkumar P., Nancy S. And **Ananda kumar A.M**, 2019. Evaluation of Anti-Dandruff Activity of Poly Herbal Hair Oil against the Fungus *Malassezia furfur*, *IOSR Journal of Biotechnology and Biochemistry (IOSR-JBB)*, ISSN: 2455-264X, (5) 1 : 01-06. DOI: 10.9790/264X-0501010106 (UGC care)
11. **Ananda kumar A.M.**, K. Anvar, R. Rakkimuthu, P. Sathishkumar, D. Sowmiya, J. Alahupreeti, 2019 Eco-friendly mosquito repellent fabric using dye derived from *Curcuma aromatica* Salisb *American International Journal of Research in Science, Technology, Engineering & Mathematics*, pp. 68-72.
12. P. Sathishkumar, D. Kaviya, R. Rakkimuthu, **A.M. Anandakumar**, D. Sowmiya and S. Sabirafathima, 2019. 'Quantitative phytochemical screening of *Filicium decipiens* Wight & Arn., *American International Journal of Research in Science, Technology, Engineering & Mathematics*, pp. 208-212.
13. R.Rakkimuthu, R. Nithiyakamatchi, P. Sathishkumar, **AM. Ananda kumar** and D.Sowmiya, 2019. *In vitro* antifungal activity of formulated floral extracts against *Malassezia furfur*. The International journal of analytical and experimental modal analysis, 11 (9): 1326 - 1335. (Scopus)
14. Sowmiya D., R. Rakkimuthu, P. Sathishkumar, **A. M. Anandakumar**, S. Sinju, B. Vanisree, 2019 Effect of silver nanoparticles of *Ulva fasciata* in germination of selected pulses *American International Journal of Research in Science, Technology, Engineering & Mathematics*, pp.204-207.
15. R Rakkimuthu, R Indu, P Sathishkumar, **A.M Anandakumar**, D Sowmiya, 2019 Effect of herbal spray for coconut copra process, storage and Post-harvest disease

management, *International Journal of Botany Studies* 4(6): 77-81. (Web of Science)

16. **Anandakumar A.M**, J Alahupreeti, R Rakkimuthu, P Sathishkumar, D Sowmiya, 2019 Studies on clastogenic activity caused by synthetic red food colour dye on the root tips of *Allium cepa* L. *International Journal of Botany Studies* 4(6): 102-105. (Web of Science)
17. Rakkimuthu Ramalingam, Sathishkumar Palanisamy, **Ananda Kumar Mohanraj**, Sowmiya Duraisamy & Nishanthini Rajasekaran, 2020. Chemical Profiling of *Momordica charantia* L. Seed Essential Oil and Its Antimicrobial Activity, *Journal of Essential Oil Bearing Plants*, 23:2, 390-396, DOI: 10.1080/0972060X.2020.1741451 (Web of Science)
18. **A M Ananda Kumar** and P Sathishkumar 2021, Study on genetic diversity in the different populations of *Acalypha fruticosa* forssk by using RAPD analysis inhabiting foot hills of Southern Western Ghats International Journal of Botany studies 6(4):563-566. (Web of Science)
19. P Sathishkumar and **A M Ananda Kumar*** 2021, Isolation and identification of terpenoid compounds from the folklore medicinal plant *Acacia caesia* (L.) Willd leaves International Journal of Botany studies 6(4):534-538. (Web of Science)
20. **Ananda Kumar A.M.**, Rathika D., Rakkimuthu R. and Sathishkumar P., 2021, Floristic Diversity and Ethanobotanical studies of Nandhagopalam Hill Temple Sacred Grove of Western Ghats, Pollachi Taluk, Coimbatore. Agriculture Science Digest, DOI: 10.18805/ag.5475 Pg.No. 1-6.
21. R.Rakkimuthu, S.Aarthi, E. Neelamathi, P.Sathishkumar, **A.M. Ananda Kumar** and D.Sowmiya, 2022, Green synthesis of reduced graphene oxide silver nanocomposite using *Anisomeles malabarica* (L.) R.Br. leaf extract and its antibacterial activity. Rasayan J.Chem15(1):417-422.
22. Rakkimuthu R , Sowmiya D, Ananthi P, Sathishkumar P & **Ananda Kumar A M**, 2022 Chemical profiling of fern *Cheilosoria mysurensis* (Wall. ex Hook.)

Ching & Shing and its biological activity Plant Science Today
<https://doi.org/10.14719/pst.1872>

23. Rakkimuthu R, Nishana A, Sathishkumar P **Anandakumar A.M**, Sowmiya D and Poonkodi K, 2022 Green Synthesis of Silver Nanoparticles from *Chaetomorpha antennina* (Bory) Kützing and its Antibacterial Activity Indian Journal of Natural Sciences 13 (75): 50384-50389. (Web of Science)
24. P.Sathishkumar, G. Chokkalingam, R. Rakkimuthu, **A.M. Ananda kumar**, D.Sowmiya and V. Prabhu, 2023 Production of Degradable Bioplastics from Invasive Alien Plants in Anamalais, the Western Ghats. Indian Journal of Natural Sciences 13(76): 52603-52613. (Web of Science)
25. D. Sowmiya, H. Rehana Banu, R. Divya, R. Rakkimuthu, P.Sathishkumar and **A.M. Ananda kumar**. 2023 Screening of Phytochemicals and Antimicrobial activity of Lithophytic fern *Pyrrrosia porosa* (C.Presl.) Hovenkamp, Indian Journal of Natural Sciences 13 (76) : 52680-52688 (Web of Science)
26. **A.M. Ananda Kumar**, V. Aarthi, P. Sathishkumar and R. Rakkimuthu, 2023 Pharmacognostical Characterisation and Phytochemical Profiling of the Medicinal Plant, *Ehretia ovaliafolia* Wight Indian Journal of Natural Sciences 14(77): 54514 -54522. (Web of Science)
27. Rakkimuthu R*, Neethu Krishna K, Sathishkumar P , **Ananda Kumar AM** and Sowmiya D, 2024 GC/MS Analysis of Methanolic Extract of *Pancratium triflorum* Roxb. Bulbs Indian Journal of Natural Sciences 15 (83):73005-73008. (Web of Science)
28. **A.M. Ananda Kumar***, M. A. J. Sri Kirubashini, R. Rakkimuthu, P. Sathishkumar & K. Sankari Meena 2024. Formulation and evaluation of eco-friendly foliar spray produced from kitchen wastes for better crop productivity 19(1) : 235-244. DOI:-
<https://doi.org/10.5281/zenodo.14246025>

