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- 1. Pavithra M K S, Kannan K P. Extraction, isolation and identification of Kaempferol 3,7 Diglucoside in the leaf extracts of *Evolvulus alsinoides* (Linn.) and its inhibition potency against α -amylase, α -glucosidase, *Acetylcholinesterase*, and amyloid aggregation. Phcog Mag 2020:16:227-34.
- 2. Pavithra M K S, Kannan KP. Extraction In vitro enzyme inhibitory and cytotoxic studies with Evolvulus alsinoides (Linn.) Linn. Leaf extract: a plant from Ayurveda recognized as Dasapushpam for the management of Alzheimer's disease and diabetes mellitus. BMC Complementary Medicine and Therapies 2020 20:129
- 3. Indumathy and **K. P.Kannan**. (2020). Eco benign Fungal Colorants: Sources and Applications in Textiles. The Journal of the Textile Institute. 111:1, 148-154, DOi: 10.1080/00405000.2019.1634973
- 4. Brindha Lakshmi Anandha Kumar, **Kannan Kilavan Packiam** and Nandhini N (2020) A Comparative Study on the Antioxidant Activity of Four Different Fungal Endophytes, Acta Scientific Microbiology, 3(1),33-41
- 5. Madhankumar Dhakshinamoorthy and Kannan Kilavan Packiam (2019). Endophytic mycobiota recorded from and their biological activities, Kavaka, 53:85-91
- 6. Senthamarai M and K. P. Kannan (2019) Optimaization of Lovastatin production by Fusarium nectrioides(MH173849) using response suface methodology and Fuzzy logic system. Journal of Environmental Biology, 40, 1036-1044
- 7. Selvakumar A., Saravanan D., Balaji S., Balakrishnaraja R. and Kannan K.P. (2019) Synthesis of Keratinase Enzyme from Sheep Wool for Biopolishing. Research Journal of Chemistry and Environment, 23 (10),46-49

- 8. **Kannan K.P**, Ashwanandhini G, Hemasindhu B, Vinothkumar S, MadhanKumar D and Senthamarai M. 2017. Investigation of Endophytic Fungi Associated with *Bixa orellana L.*, a Medicinal Plant Collected from Western Ghats of Sathyamangalam A First Report. Journal of Bacteriology and Mycology Open Access 5(5): 00150. DOI: 10.15406/jbmoa.2017.05.00150.
- 9. Senthamarai Manogaran , **Kilavan Packiam Kannan**, Yuvarajan Mathiyalagan.(2017). Fungal Endophytes From *Phyllanthus acidus* (L.) AND *Catharanthus roseus* (L.). International Research Journal of Pharmacy, 8(10):86-89 http://dx.doi.org/10.7897/2230- 8407.0810186 [Annexure I and UGC Approved]
- 10. Pavithra Sundaramurthi and **Kannan Kilavan Packiam** (**2017**) A review on pharmacognosy and pharmacology of Evolvulus alsinoides (l.) l. (2017 International Research Journal of Pharmacy,(7):1-4,[ISSN 2230 8407; DOI: 10.7897/2230-8407.087110]. [Annexure I and UGC Approved]
- 11. **Kannan K.P**. Poovizhi D, Priyadharshini V and Madhan Kumar D. (2017) Biodiversity of Endophytic mycobiota from Limnonia acidissimia L and screening of antioxidant Actvity. International Research Journal of Pharmacy, 8(6), 126-132. [ISSN 2230 8407; DOI: 10.7897/2230-8407.086109] [Annexure I and UGC Approved]
- 12. **Kannan K.P**, Thilakavathi R, Kumar M.D, Senthamarai M (2017) Biodiversity of Endophytic Fungi from *Mukia maderespatana* (L) M. Roem 14 A First Report. Journal of Bacteriology and Mycology , 4(4): 00098. DOI: 10.15406/jbmoa.2017.04.00098.
- 13. **Kilavan Packiam Kannan**, Mohamed Imdhiyas Abdul Basheed, Sabarivasan Kannadhasan,Sampath Pondurai and Madhankumar Dhakshinamoorthy (2017). Mycoendophytes Isolated from *Mimusops elengi* L A First Report, International Biological Biomedical Journal 3 (1) 25-29
- 14. **Kilavan Packiam Kannan**, Ramya Govindasamy, Revathi Rajendran, Senthamarai Manaogaran, Madhankumar Dhakshinamoorthy (2016). Novel and promising renewable biofuels and green chemicals from Endophytic fungi, Advance Pharmaceutical Journal 2016; 1(5): 126-132
- 15. **Kilavan Packiam Kannan**, Ramya Govindasamy, Revathi Rajendran, Senthamarai Manaogaran, and Madhankumar Dhakshinamoorthy (2016). Hydrocarbons from *curvularia lunata* a novel promising endophytic fungi isolated from Solanum trilobatum linn. International Journal of Chemistry, Pharmacy & Technology **Vol. 1,** 1(1), 10-17
- 16. **Jhansi Lakshmi V and K.P. Kannan** (2016), Biosynthesis Of Gold Nanoparticles by Biosorption Using *Neosartorya Udagawae*: Characterization and Invitro Evaluation, International Journal of Pharmacy and Pharmaceutical Sciences, Vol 8, Issue 11, 108-113

- 17. **Kannan Kilavan Packiam**, Poorani Thiruvenkatasamy, Venupriya Vellingiri, Sathya Rasiappan, Sivapriya veeraiyan, Senthamarai Manogaran, Pavithra Mettupalayam Kalliannan Sundramurthi and Madhankumar Dhakshinamoorthy (2016). Comparative studies on the phytoconstituents, antibacterial and pesticidal activities of blue and white varieties of *clitoria ternatea* linn. *Acta biomedica Scientia*.;3(4): 213-218.
- 18. **Jhansi Lakshmi V and K.P. Kannan (2016),** Isolation and identification of gold nanoparticles synthesizing fungi from Indian Kolar Gold Field mine soil. *Journal of Environmental Biology*, Vol. **37**, 565-571 (**Annexure II : 2548704**)
- **19. Kilavan Packiam Kannan**, Ramya Govindasamy, Revathi Rajendran, Senthamarai Manogaran and Madhankumar Dhakshinamoorthy (2016). Isolation And Identification of Endophytic Fungi From Solanum Trilobatum Linn. *World Journal of Pharmaceutical Research*, 5 (6), 1231 -12436 (**UGC approved Journal no :47332; S. no : 540 and Pubmed Citation).** 15
- **20.** V. Jhansi Lakshmi and **K.P. Kannan**. (2016). In Vitro Evaluation of Antibiotic Conjugated Biogenic Gold Nanoparticles by *Neosartorya Udagawae*, International Journal of Pharma and Bio Sciences, 7(2): 83 89 (**Annexure II : 9756299**)
- 21. Pavithra M K S, Meena Devika, Sowmiya R, Sowparnika M, Balakrishnaraja R, and **Kannan K P.** (2016). Studies on the antimicrobial activities of *Evolvulus alsinoides*, *Murraya koenigi*, *Lowsonia inermis*, *Hibiscus rosa sinensis*, *Azadiracta indiaca*, against *Melassezia furfur* using fractional factorial design. International Journal of Research in Ayurveda and Pharmacy.7 (1), 73-77.