

Publications

2020-2021

1. Tharakan S T and Madhavan M Phytochemical and Pharmacological Studies of *Nyctanthes arbor-tristis* (Linn.) JAC: A Journal of Composition Theory 2020; 13(9): 207-218.
2. Smitha P S and Jismy Johnson Phytochemical screening of *Talinum triangulare* (Jacq).Willd World Journal of Pharmacy and Pharmaceutical Sciences 2020;9 (2):837-846.
3. Madhavan M and Tharakan S T Total Phenolic quantification and antihelminthic activity of *Sarcostemma acidum* (Roxb.) VOIGT Journal of Pharmaceutical Science and Research 2020; 12(1): 28-30.
4. Mathew S, Victo'rio C P, Sidhi J M S, Thanzeela, B H Biosynthesis of silver nanoparticle using flowers of *Calotropis gigantea* (L.) W.T. Aiton and activity against pathogenic bacteria Arabian Journal of Chemistry 2020; 13(12): 9139-9144.
5. Mathew S and Victo'rio C P Antifungal Properties of Rhizomes of *Alpinia calcarata* Roscoe from Western Ghats, South India International Journal of Pharmaceutical and Phytopharmacological Research 2020; 10(5): 1-7.
6. Mathew S, Tiwari D K and Tripathi D Interaction of Carbon nanotubes with plant system: A Review Carbon letters 2020; 31:167-176.
7. Mathew S, Experimental analysis on Chlorophyll, Amino Acid and Nitrate contents of Apocynaceae and Asclepiadaceae Plant Archives 2020; 20(1):2238-2242.
8. Mathew S, Scope and relevance of chloroplast genetic engineering and crop improvement. VIRJ for Pure and Applied Science 2020;6(1):28-36.
9. Tiwari D K, Valenzuela J, Tripathi D and Mathew S Fabrication of Carbon Based Nanostructured Materials on Si/SiO₂ Substrate and Their Growth Mechanism over Different Catalysts Nanomedicine & Nanotechnology Open Access 2020; 5(1): 1-8.

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1. Tharakan S T, Manoj A, Subash S T, Sreelakshmi K R and Pushpangathan S A Comprehensive Review on Phytochemical Analysis and Biological Activities of *Adenantharapavonina* L. and *Pongamiapinnata* (L.) Pierre International Journal of Pharmacy and Pharmaceutical Research 2021;21 (3): 909-932.
2. Tharakan S T, Anto A, Benny A C and Rathnakaran S Phytochemical and pharmacological review of *Aervalanata* World Journal of Pharmacy and Pharmaceutical Sciences 2021; 10 (6): 1202-1218.
3. Reshma D, Anitha C T and Tharakan S T Phytochemical and pharmacological properties of five different species of *Jasminum* Plant Archives 2021; 21 (2):126-136.

4. Madhavan M, Rose E P J, Francis A, Benny G M and Wilson A Green synthesis of silver nanoparticles from fruit rind extract of *Garciniamangostana* L. and evaluation of antibacterial properties Plant Archives 2021; 21 (2):.279-283
5. Joy S and Madhavan M Larvicidal Activity Of Ripe And Unripe Fruit Peel Of *Musa Paradisiaca*L. Against The Malaria Vector *Anopheles Stephensi* International Journal of Pharmacy and Pharmaceutical Sciences 2022; 14(2):48-51.

2022-2023

1. Tharakan S T and Madhavan M Phytochemical Screening & Phenol Quantification of *Alangium salvifolium* Journal of Pharmaceutical Negative Results 2022;13: 832–835.
2. Tharakan S T A Short Review on Phytomedicines International Journal of Food and Nutritional Sciences 2022; 11(2): 1337-1348.
3. Madhavan M, Benny G, Manju C G, and Tharakan S T The total phenol, flavonoid content and antioxidant activity of *Zehneria maysorensis* stem and leaf extracts Journal of Pharmaceutical Negative Results 2022;13(4):1091–1095.