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1. M Peraman, **S Nachimuthu**.2019.Identification and quantification of fucoxanthin in selected carotenoid-producing marine microalgae and evaluation for their chemotherapeutic potential..Pharmacognosy Magazine 15 (64)
2. **S Nachimuthu**, R Kandasamy.2019.Ramalingam Ponnusamy, Jack Deruiter, Muralikrishnan Dhanasekaran, and SivasudhaThilagar.Medicinal Mushrooms: Recent Progress in Research and Development, 391
3. AS Rajan, KM Sheen, B Sadhasivam, **N Saraswathy**.2019.In-Vitro Wound Healing and Release Kinetics of  $\beta$ -Cyclodextrin Encapsulated Curcumin Loaded Carrageenan Hydrogel Film: An Efficient Wound Dressing Material.International Conference on Nanomedicine, 107-119
4. **Saraswathy Nachimuthu**, Ruckmani Kandasamy, Ramalingam Ponnusamy, Jack Deruiter, Muralikrishnan Dhanasekaran, Sivasudha Thilagar.2019.L-Ergothioneine: A Potential Bioactive Compound from Edible Mushrooms.Medicinal Mushrooms, 391-407
5. V Veerichetty.2018.Antidiabetic potential of the combination of fermented soy milk and flaxseed milk in alloxan-induced diabetic rats.International Journal of Green Pharmacy (IJGP) 12 (03)
6. **S Nachimuthu**.2018.Development and evaluation of anti-inflammatory ointment using aqueous extract of *Coccinia grandis* L..International Journal of Green Pharmacy (IJGP) 12 (03)
7. Muthukumaran Peraman, Yuvapriya Sivasubramani, Balan Ramesh, Gokhul Venkatesh Babu, Indumathi Palanikumar, **Nachimuthu Saraswathy**.2018.In vitro phytochemical screening, evaluation, antioxidant potential and antibacterial activity of *Amorphophallus paeonifolius* (Dennst. Nicolson).Journal of Chemical and Pharmaceutical Sciences 10 (3)
8. J Kiruthika, **N Saraswathy**, S Murugesan.2018.Maximizing L-glutaminase production from marine *Bacillus subtilis* JK-79 under solid state fermentation.African Journal of Biotechnology 17 (9), 288-305
9. **Saraswathy Nachimuthu**, Balaji Sadhasivam, Veerabhuvaneshwari Veerichetty, R Ponnusamy, P Muthukumaran, T Sankavi, D Priya.2018.In Situ Synthesis of Silk Fibroin Mediated Silver Nanoparticles in Chitosan-Peo Film and Studies on Release Kinetics for Wound Dressing Application.J. Chem. Pharm. Sci 11, 35-39
10. **N Saraswathy**, V Thirumurugan.2017.Available Online at.
11. V Veerichetty, M Shalini, B Sadhasivama, **S Nachimuthu**.2017.Extraction of dye from *Ixora*

coccinea and Beta vulgaris for Eco-dyeing. Research Journal of Engineering and Technology 8 (4), 378-382

12. P Muthukumaran, T Paramasivan, M Priya, S Abarna, P Ramalingam, **N Saraswathy**.2017. Biodecolorization of textile reactive dyes by Penicillium chrysosporium and Penicillium simplicissimum-A comparative study. Research Journal of Engineering and Technology 8 (1), 33-38
13. V Sundaram, **S Nachimuthu**, R Ponnusamy.2016. Simultaneous Saccharification and Fermentation of Starch from Pongamia Pinnata Oilcake into Ethanol. Journal of Biomass to Biofuel 3, 16-22
14. R Akshara, C Elakiya, P Muthukumaran, **N Saraswathy**.2016. Comparative evaluation of antibacterial, antifungal activity and phytochemical screening of leaf and bark extract of Solanum trilobatum L. Journal of Chemical and Pharmaceutical Research 8 (7), 198-202
15. Peraman Muthukumaran, **Nachimuthu Saraswathy**, Sivasubramani Yuvapriya, Ramesh Balan, Venkatesh Babu Gokhul, Palanikumar Indumathi.2016. In vitro phytochemical screening and antibacterial activity of Amorphophallus paeonifolius (Dennst. Nicolson) against some human pathogens. Journal of Chemical and Pharmaceutical Research 8 (2), 388-392