

Selected Publications

1. Mathura, F.; **Facey, P.**; Pratima, K.; Maharaj, R. "Biorefinery-derived amphiphilic cutin-chitosan interpolymeric networks via supramolecular self-assembly exhibiting enhanced strength and multimodal barrier functionality for lignocellulosic surfaces." *Int. J. Biol. Macromol.*, **2026**, 364, 152264. <https://doi.org/10.1016/j.ijbiomac.2026.152264>.
2. Layne-Yarde, R.; Leachman, S.; Golding, M.; Noble, S.; **Facey, P.**; Sandiford, S. "Investigation of the larvicidal potential of the essential oils from *Hyptis verticillata* and *Pimenta dioica* against *Aedes* mosquitoes." *J. Am. Mosq. Control. Assoc.* **2026**, 42, 60-69. <https://doi.org/10.2987/25-7263>
3. Clarke, K.; Porter, R.; **Facey, P.**; Thoms-Rodriguez, C. "Chemical composition and biological activities of *Cannabis sativa* essential oils as the plant matures." *Flavour Fragr. J.* **2023**, 38, 144-151. <https://doi.org/10.1002/ffj.3732>
4. Clarke, K.; Porter, R.; **Facey, P.**; Thoms-Rodriguez, C. "Chemical composition and biological activities of *Pimenta richardii*." *Flavour Fragr. J.* **2021**, 36, 272-279. <https://doi.org/10.1002/ffj.3642>
5. Talontsi, F.M; **Facey, P.**; Tatong, M.D.K.; Islam, Md. T.; Frauendorf, H.; Draeger, S.; von Tiedemann, A.; Laatsch, H. "Zoosporicidal metabolites from an endophytic fungus *Cryptosporiopsis* sp. of *Zanthoxylum leprieurii*." *Phytochemistry*, **2012**, 83, 87-94. DOI: [10.1016/j.phytochem.2012.06.006](https://doi.org/10.1016/j.phytochem.2012.06.006)
6. Talontsi, F. M.; Islam, Md. T.; **Facey, P.**; Douanla-Meli, C.; von Tiedemann, A.; Laatsch, H. "Depsidones and other constituents from *Phomopsis* sp. CAFT69 and its host plant *Endodesmia calophylloides* with potent inhibitory effect on motility of zoospores of grapevine pathogen *Plasmopara viticola*." *Phytochemistry Letters*, **2012**, 5, 657-664. <https://doi.org/10.1016/j.phytol.2012.06.017>
7. McCook-Russell, K.; Nair, M.; **Facey, P.**; Bowen-Forbes, C. "Nutritional and nutraceutical comparison of Jamaican *Psidium cattleianum* (strawberry guava) and *Psidium guajava* (common guava) fruits." *Food Chemistry*, **2012**, 134, 1069–1073. DOI: [10.1016/j.foodchem.2012.03.018](https://doi.org/10.1016/j.foodchem.2012.03.018)
8. McNeil, M.; **Facey, P.**; Porter, R. "Essential oils from the *Hyptis* genus-a review (1909-2009)." *Nat. Prod. Commun.* **2011**, 6, 1775-96. DOI: [10.1177/1934578X1100601149](https://doi.org/10.1177/1934578X1100601149)
9. Shaaban, K. A.; Shaaban, M.; **Facey, P.**; Fotso, S.; Helmke, E.; Laatsch, H. "γ-Butyrolactone and Electrospray Ionization-Mass Spectra of Piperazimycins A-B from Marine-derived *Actinomycete* sp." *J. Antibiot.*, **2008**, 61, 736-746. DOI: [10.1038/ja.2008.87](https://doi.org/10.1038/ja.2008.87)
10. **Facey, P.**; Porter, R.; Reese, P.; Williams, L. "Biological activity and Chemical composition of essential oils from Jamaican *Hyptis verticillata*." *J. Agri. Food Chem.*, **2005**, 52, 4774-4777. DOI: [10.1021/jf050008y](https://doi.org/10.1021/jf050008y)