

Selected Journals articles

- (1) DNA Binding Studies of Abietane Diterpenes Natural Products using Isothermal Titration Calorimetry, Circular Dichroism, Fluorescence and Gel Assays, R.E. McKnight, R.B. Porter, G.S. Gullickson, B. Kasper, K. Siegenthaler, D.A. Biggs. *Bioorg. & Med. Chem. Lett.* 2025, 123, 130216. (IF 2.82). [Http://doi.org/10.1016/j.bmcl.2025.130216](http://doi.org/10.1016/j.bmcl.2025.130216).
- (2) Chemical composition and biological activities of Jamaican Cannabis sativa essential oils as the plant matures, K-A, Clarke, R. Porter, P. Facey, C. Thoms-Rodriguez. *Fragr. J.*, 2023, 38(3), 144-251. (IF 2.56). <https://doi.org/10.1002/ffj.3732>.
- (3) Potential chemopreventive, anticancer and anti-inflammatory properties of a refined artocarpin-rich wood extract of *Artocarpus heterophyllus* Lam., I. J. Morrison, J. Zhang, J. Lin, J-A. E. Murray, R. Porter, M. K. Langat, N. J. Sadgrove, J. Barker, G. Zhang and R. Delgoda. *Sci. Rep.*, 2021, 11(1), 6854. (IF 4.38). [Http://doi:10.1038/s41598-021-86040-5](http://doi:10.1038/s41598-021-86040-5).
- K-A. Clarke, R. Porter, P. Facey, T. Yee and C. Thoms-Rodriguez. *Flavour Fragr. J.*, 2021, 36(2), 272-279. (IF 2.56). <https://doi.org/10.1002/ffj.3642>.
- (5) Chemical Composition and Biological Activities of the Essential Oil from *Cleome rutidosperma* DC., M. McNeil, R. Porter, L. Rainford, O. Dunbar, S. Francis, N. Laurieri and R. Delgoda. *Fitoterapia*, 2018, 129, 191-197. (IF 2.89). [DOI.org/10.1016/j.fito.2018.07.006](https://doi.org/10.1016/j.fito.2018.07.006).
- (6) Inhibition of Cytochrome P450 activities by extracts of *Hyptis verticillata*: Assessment for potential HERB-drug interactions,
D. Picking, B. Chambers, J. Barker, I. Shah, R. Porter, D. Naughton and R. Delgoda. *Molecules*, 2018, 23, 430. (IF 4.41). DOI: 10.3390/molecules23020430.
- (7) Implementing Medical Ganja in Jamaica, S. Jones, R. Porter, C. Bishop. *Int. J. Drug Policy*, 2017, 42, 115-117. (IF 5.0). DOI: <http://dx.doi.org/10.1016/j.drugpo.2017.02.002>.
- (8) In vitro antioxidant activity of *Bixa orellana* (Annatto) Seed Extract, M. Abayomi, A.S. Adebayo, D. Bennett, R. Porter, and J. Shelly-Campbell. *J. Appl. Pharm. Sci.*, 2014, 4(02), 101-106. (IF 1.38).

(9) Biological Activities and chemical composition of the essential oil from Jamaican variety of *Cleome serrata*, M.J. McNeil, R.B. Porter and L.A. Williams. *Nat. Prod. Commun.*, 2012, 7(9), 2131-2132. (IF 0.99).

(10) Characterization of Jamaican Agro-Industrial Wastes. Part II: Fatty Acid Profiling Using High Performance Liquid Chromatography: Precolumn Derivatization with Phenacyl Bromide, Y.A. Bailey-Shaw, K.D. Golden, A.G.M. Pearson and R.B.R. Porter. *J. Chromatogr. Sci.*, 2012, 50(5). (IF 1.62).

(11) Composition of essential oils from the aerial parts of Jamaican *Bursera linanii* (Spreng.), G-A. Junor, R.B.R. Porter and T.H. Yee. *J. Essent. Oil Res.*, 2010, 22, 602-605. (IF 1.96).

(12) Chemical Composition and Antimicrobial Activity of the Essential Oils from *Cleome spinosa* Jacq., M.J. McNeil, R.B.R. Porter and L.A.D. Williams and L. Rainford. *Nat. Prod. Commun.*, 2010, 5(8), 1301-1306

(13) The volatile constituents from the leaves, bark and fruits of *Bursera aromatica* (Proctor) found in Jamaica, G-A. Junor, R.B.R. Porter and T.H. Yee, T. Waugh. *J. Essent. Oil Res.*, 2010, 22, 19-22.