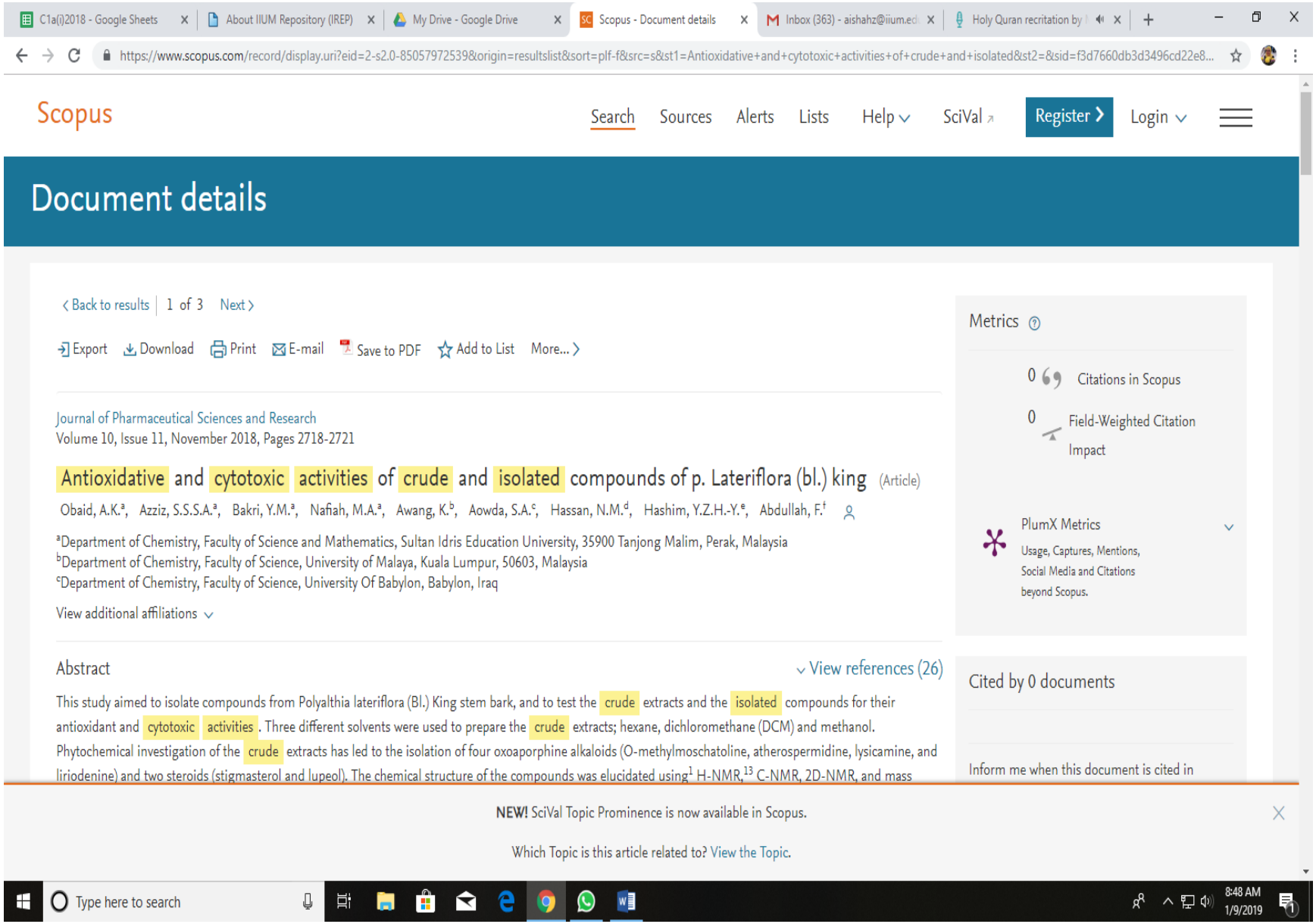
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Journal of Pharmaceutical Sciences and Research
Volume 10, Issue 11, November 2018, Pages 2718-2721
Antioxidative and cytotoxic activities of crude and isolated compounds of p. Lateriflora (bl.) king
(Article)
Obaid, A.K.[a], Azziz, S.S.S.A.[a], Bakri, Y.M.[a], Nafiah, M.A.[a], Awang, K.[b], Aowda, S.A.[c], Hassan, N.M.[d], Hashim, Y.Z.H.-Y.[e], Abdullah, F.[f]
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Abstract
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This study aimed to isolate compounds from Polyalthia lateriflora (Bl.) King stem bark, and to test the crude extracts and the isolated compounds for their antioxidant and cytotoxic activities. Three different solvents were used to prepare the crude extracts; hexane, dichloromethane (DCM) and methanol. Phytochemical investigation of the crude extracts has led to the isolation of four oxoaporphine alkaloids (O-methylmoschatoline, atherospermidine, lysicamine, and liriodenine) and two steroids (stigmasterol and lupeol). The chemical structure of the compounds was elucidated using[1] H-NMR,[13] C-NMR, 2D-NMR, and mass
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