

List of Peer-Reviewed Publications: Andrew W. Yau, 2015

128. Yau, A.W., W.K. Peterson, and T. Abe (2015), Measurements of Ion Outflows from the Earth's Ionosphere, *Geophys. Monog. Ser.*, in press, October 2015
127. Kitamura, N., K. Seki, Y. Nishimura, T. Abe, M. Yamada, S. Watanabe, A. Kumamoto, A. Shinbori, and A. W. Yau (2015), Thermal and low-energy ion outflows in and through the polar cap: The polar wind and the low-energy component of the cleft ion fountain, *Geophys. Monog. Ser.*, in press, October 2015
126. Lui, A.T.Y., L.L. Cogger, A. Howarth, and A.W. Yau (2015), *Geophys. Res. Lett.*, First satellite imaging of auroral pulsations by the Fast Auroral Imager on e-POP, *Geophys. Res. Lett.*, 42, doi:10.1002/2015GL065331.
125. Yau, A.W., A. Howarth, A. White, G. Enno, P. Amerl (2015), Imaging and Rapid-Scanning Ion Mass Spectrometer (IRM) for the CASSIOPE e-POP Mission, *Space Sci. Rev.*, doi: 10.1007/s11214-015-0149-8
124. Yau, A.W., and H.G. James (2015), CASSIOPE Enhanced Polar Outflow Probe (e-POP) Mission Overview, *Space Sci. Rev.* doi: 10.1007/s11214-015-0135-1
123. Knudsen, D.J., J.K. Burchill, T.G. Cameron, G.A. Enno, A. Howarth, and A.W. Yau (2015), The CASSIOPE/e-POP Suprathermal Electron Imager (SEI), *Space Sci. Rev.*, DOI 10.1007/s11214-015-0151-1
122. Wallis, D.D., D.M. Miles, B.B. Narod, J.R. Bennest, K.R. Murphy, I.R. Mann, and A.W. Yau (2014), The CASSIOPE/e-POP Magnetic Field Instrument (MGF), *Space Sci. Rev.* doi: 10.1007/s11214-014-0105-z
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120. Yau, A.W., H.G. James, and L.L. Cogger (2014), The Canadian Enhanced Polar Outflow Probe (e-POP) Mission, *Physics in Canada*, 70(4), 229-234
119. Yau, A.W., Z. Ali, C. Alonso, et al. (2015), The Canadian CASSIOPE Small Satellite Mission: The Enhanced Polar Outflow Probe and Cascade Technology Demonstration Payloads, *Acta Astronautica* doi: 10.1016/j.actaastro.2015.01.016
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117. Redmon, R.J., W. K. Peterson, L. Andersson, P.G. Richards, and A.W. Yau (2014), An assessment of the role of soft electron precipitation in global ion upwelling, *J. Geophys. Res.*, 119, 7665–7678, doi:10.1002/2014JA020061

116. Yau, A.W., E. P. King, P. Amerl, K. Berg, G. Enno, A. Howarth, I. Wevers, A. White (2013), Imaging thermal ion mass and velocity spectrometer, *An Introduction to Space Instrumentation*, edited by K.I. Oyama and C.Z. Cheng, Terra Scientific Publishing, Tokyo, p. 203-215
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