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**A multi-method analysis of scientific abstracts**

Serving as a gateway to the full research article, abstracts are a key genre that need to be mastered by academics seeking to publish in scientific journals. In order to gain more insight into the complex interaction of form and function of scientific research abstracts, the five most cited abstracts of the most prolific researcher in a scientific research institute were chosen as the vehicle for investigation using a grounded approach. The abstracts were analysed using numerous frameworks, eclectically drawing upon various analytical tools. Drawing upon systemic functional grammar, abstracts were coded at textual, interpersonal and ideational layers with function of grammar (FOG) tags created using the UAM Corpus Tool (O'Donnell, 2008). Part of speech (POS) tags were also attached using the GoTagger ver. 0.7. The untagged, FOG-tagged and POS-tagged texts were analysed using the key words in context, word list, n-gram and keyness functions within the AntConc3.2.4w concordancer. The findings at discourse, sentential, clausal and phrasal levels will be presented. Pedagogic implications and recommendations for a large-scale exploratory study will be discussed.

Anthony, L. (2012). AntConc (Version 3.2.4) [Computer Software]. Tokyo, Japan: Waseda University.

O'Donnell, M. (2008, June). Demonstration of the UAM CorpusTool for text and image annotation. *Proceedings of the ACL-08: HLT demo session (Companion volume)* (pp.13-16). Columbus, Ohio: Association for Computational Linguistics.