

Table 1. Article characteristics were accessed by the specified data sources and were collected based on the articles' DOI number. The DOI numbers were obtained by web scraping the journal's volumes and issues between 2009 and 2018.

Variables	Derived from	Link
DOI	Journal website	https://journals.physiology.org/toc/jappl/volume/issue
Altmetric attention score	API of Altmetric.com	https://api.altmetric.com/v1/doi/DOI-number
Downloads	Journal's database	
Citations	API of Dimensions	http://metrics-api.dimensions.ai/doi/DOI-number
Title, abstract, article type, number of pages, references, keywords, publication	Journal website	https://journals.physiology.org/doi/abs/DOI-number
Engagement	API of Altmetric.com	https://api.altmetric.com/v1/doi/DOI-number
Affiliations	PubMed database	https://www.ncbi.nlm.nih.gov/pubmed/?term=DOI-number