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Writing Assignment #2 - Article Types

A primary article is one written by an author who possesses a firsthand account of the topic, such as an event, experiment, or ongoing research. Some definitions characterize a primary article as the first to contain specific information on a particular subject. Key characteristics of primary articles include the presence of physical evidence (such as questionnaires, surveys, or interviews), details on methods of experimentation (analytical review), and the presentation of results.

On the other hand, a review article typically evaluates information, much like a primary article. It aims to provide discussion and elaboration on previously addressed topics or even introduce additional information. Review articles are generally more analytical and opinionated compared to primary articles, which tend to lean toward the informational and scholarly side. Key components of a review article include the introduction (setting the tone and defining the author's stance), the body (analyzing information from sources in a composed manner), and references (comprising all sources utilized).

The scientific peer review process serves as a "fact-checking" mechanism from one author or scientist to another. This process ensures that the information being disseminated is not only readable and digestible but also accurate, thereby minimizing room for error. The primary goal of this process is for authors to determine whether the article they wish to publish will make a positive contribution to the study they are analyzing.

In applying these concepts, the article titled "Rapid and Sensitive Detection of SARS-CoV-2... Using Clustered Regularly Interspaced Short Palindromic Repeats" appears to be a primary article. The authors are listed with their positions in the experiment, and the experimental process is explained, indicating firsthand experience in the project. Conversely, the article titled "Development of clustered regularly inte...gy for potential clinical applications" seems to be a review article. While it provides significant background on many of the same focus areas as the first, it lacks experimental accounts, reviews, or firsthand experiences.