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Abstract

This assignment mostly consists of notes on how to evaluate the credibility of sources you find. In addition, class notes are also included with respect to some comments on how to improve research criteria so that content is relatable to your paper, and how evaluation on the credibility of your sources is crucial towards earning respect in the scientific community.

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ENG21003-S

Various, credible sources-write something in a scientific register

Pg.26-28-evaluating credibility of published scientific literature

Impact Factor-How credible are journals

What papers would you choose, word of mouth, people in the field.

Have well-established reputations. Strictest peer-review standards

Novel and meaningful research, revolutionary tech

Impact factor of 2- avg. Article has been cited in two recent articles in published journals

Impact factor above 2 or 3- good reputation

5 to 10-highly respected for influence and credibility

Calculated impact factor

1- count # of articles published in journal over 2 previous years

2- Count # of times journal's articles were cited in other journals over same 2-year period

3- divide sum from 2 by sum from 1 to find impact factor.

Impact factors- most widely recognized form of rankings for scientific journals

Consensus- general level of agreement

Citations and bibliographies- second and third 7

Brainstorm-note taking and research analyzing

Zotero

OneNote

Broaden your research; compare your experiment and findings to those that others found. One source is never enough, compare and use multiple to gain the most knowledge and extensive research you can immerse yourself in as possible. Helps to argue the hypothesis you are proving or disproving.

Conflict of interest-bias

Thursday- NYT Science response

Interrogate, interesting, compelling, question, conclusions