What is iCite?

iCite is a powerful web application that provides a panel of bibliometric information for journal publications within a defined analysis group (where an analysis group can consist of a single article or a very large group of articles). The data produced by *iCite* can be downloaded as a customized report from the dashboard and could be used to understand the influence of articles within an analysis group. An example application for *iCite* might be to compare how the influence of a portfolio of articles compares to the remaining articles that come out of grants funded by the NIH.

The following data are produced using *iCite*:

- Total number of articles within the analysis group (Total Pubs)
- Mean number of articles published per year (Pubs/Year)
- Number of citations for articles in the analysis group per year (Cites/Year): maximum, mean, standard error of the mean, and median
- Relative Citation Ratio (RCR): maximum, mean, standard error of the mean, and median
- Weighted RCR: the sum of the RCRs for the articles within the analysis group

What is RCR?

The Relative Citation Ratio is a new metric developed within the Office of Portfolio Analysis (OPA) that represents a citation-based measure of scientific influence of one or more articles. It is calculated as the cites/year of each paper, normalized to the citations per year received by NIH-funded papers in the same field and year. A paper with an RCR of 1.0 has received the same number of cites/year as the median NIH-funded paper in its field, while a paper with an RCR of 2.0 has received twice as many cites/year as the median NIH-funded paper in its field. The displayed values are the average and standard deviation of the papers in the group along with the median.