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Abstract

Journal impact factors are not representatives of the quality measures of individual journal articles, authors and quality factor of journals. Hence, due to the high necessity of quality measures, this paper presents new quality measures for journals, authors and individual journal articles.

Reference

- M. Amin and M. Mabe, "Impact factors: Use and abuse," Perspectives in Publishing 1 (2000), 16.
- Judit Bar-Ilan, "Which h-index? A comparison of WoS, Scopus and Google Scholar,"

Scientometrics, Vol. 74, No. 2 (2008), 257-271

- Carl T. Bergstrom, Jevin D. West, and Marc A. Wiseman, "The Eigenfactor Metrics," *The Journal of Neuroscience*, November 5, 2008 28(45):11433-11434
 - Clint D. Kelly and Michael D. Jennions, "The h index and career assessment by numbers," *Trends in Ecology and Evolution*, Vol.21, No.4, April 2006
 - Lutz Bornmann, Hans-Dieter Daniel, "What Do We Know About the h Index?," *Journal of the American Society for Information Science and Technology*, 58(9):1381-1385, 2007
 - Cole S, Cole JR, Simon GA., "Chance and consensus in peer review," *Science*, 1981;214:881-6.
 - Ernst E, Saradeth T, Resch KL, Drawbacks of peer review, *Nature*, 1993;363:296.
- [Medline]
- Garfield E., "Citation analysis as a tool in journal evaluation," *Science*, 1972;178:471-9.
 - Gordon MD., "How authors select journals: a test of the reward maximization model of submission behavior," *Social Studies of Science*, 1984;14:27-43.
 - Hansen HF, Jrgensen BH., "Styring af forskning: kan forskningsindikatorer anvendes?," Frederiksberg, Denmark: Samfundslitteratur, 1995.
 - J.E. Hirsch, "An index to quantify an individuals scientific research output," *PNAS*, 102(46): 16569-72, 15 November 2005.
 - "Does the h-index have predictive power?," *PNAS*, 104(49): 19193-8, 26 November 2007.
 - Maffulli N., "More on citation analysis," *Nature*, 1995; 378:760.
 - Magri M-H, Solari A., "The SCI Journal Citation Reports: a potential tool for studying journals? I. Description of the JCR journal population based on the number of citations received, number of source items, impact factor, immediacy index and cited half-life," *Scientometrics*, 1996;35:93-117.
 - Moed HF, Van Leeuwen TN., "Impact factors can mislead," *Nature*, 1996; 381:186.
 - Moed HF, Van Leeuwen TN, Reedijk J., "A critical analysis of the journal impact factors of *Angewandte Chemie* and the *Journal of the American Chemical Society*. Inaccuracies in published impact factors based on overall citations only," *Scientometrics*, 1996;37:105-16.
 - Erhard Rahm, "Comparing the scientific impact of conference and journal publications in computer science," *Information Services & Use*, 28 (2008) 127-128.
 - Mike Rossner, Heather Van Epps, and Emma Hill, "Show me the data," *JCB*, pp. 1092-1091, December 17, 2007
 - Per O Seglen, "Why the impact factor of journals should not be used for evaluating research," *BMJ*, 1997;314:497 (15 February).
 - Seglen PO., "Evaluation of scientists by journal impact",. In: Weingart P, Sehringer R, Winterhager M, eds. *representations of science and technology*. Leiden: DSWO Press, 1992;240-52.
 - Seglen PO., "Causal relationship between article citedness and journal impact," *J. Am. Soc. Information Sci.*, 1994;45:1-11.
 - Sengupta IN., "Three new parameters in bibliometric research and their application to rerank periodicals in the field of biochemistry," *Scientometrics*, 1986;10:235-42.
 - Vinkler P., "Evaluation of some methods for the relative assessment of scientific publications," *Scientometrics*, 1986;10:157-77.

Index Terms

Computer Science

Information Science

Key words

Quality of Paper (Q)
Quality of Journal (J)

Author Quality Factor (AQF)

Science Citation Index (SCI)

Impact Factor

Journal Citation Reports (JCR)