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International Scientific Periodicals Evaluation Description and Databases I-The Development of the Standards, Indicators and Factors

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ABSTRACT

The paper shows the reasons for the institutional evaluation of the international scientific periodicals. The evaluation factors, criteria, indicators and quality have been discussed. The development, cease and requirements of continuity, as well as contemporary realities are also presented. With some aspects of the characterization of the qualitative evaluation of journals such as refereed, prestigious, and authoritative, and review the features of the development of quantitative digital indicators of periodicals and its classification, and in particular those supporting factors, to evaluate the journals in terms of numbers, date of measurement, standards, tools, and databases, and citation frequency and measurable indicators. Impact factor and its measurable indicators such as the average impact factor, immediate indexing, and half-life citation are studied.

Key Words: Periodicals evaluation; evaluation factors; evaluation standards; evaluation indicators; periodicals ranking; quality description; refereed journals; prestigious journals; authoritative journals; evaluation tools; evaluation databases; citation frequency; impact factors; average impact factor; immediate indexing; half-life citation; evaluation reports.

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(143=73+71) 1996 1995 (Published)

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1997	1996+1995	1996	1995	J. of Clinical Immunology
9	66	32	34	
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ISI (Average) -1-1-8

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(AVEJIF: Average Journal Impact Factor)

ISI (Annual i f) (Arithmetic mean)
Average Journal Impact Factor (AVEJIF) = Arithmetic mean of
annual impact factors over the period of ISI quotation.

$$\frac{\sum_{i=1}^n \frac{C_i}{A_i}}{n}$$

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Cited Half-Life = No. of years (Back from Current) that account for 50% of citation received

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