

## **Impact factor of *Acta Scientiarum. Agronomy*: an evidence of the published articles quality.**

Alessandro Lucca Braccini and Carlos Alberto Scapim

The scientific journal *Acta Scientiarum*, together with the State University of Maringá Publishing House (Eduem), was founded in 1974. Previously called Revista UNIMAR, it used to publish only an annual issue until 1989, whose gathered articles from all fields of knowledge. It was named *Acta Scientiarum* in 1998. This title was chosen due to being meaningful and expressing the content as well the journal's philosophy that only publishes scientific articles, created from original and unpublished researches.

In 2003, *Acta Scientiarum* was subdivided in six new journals, covering six fields of knowledge: *Acta Scientiarum. Agronomy*; *Acta Scientiarum. Animal Sciences*; *Acta Scientiarum. Biological Sciences*; *Acta Scientiarum. Health Sciences*; *Acta Scientiarum. Human and Social Sciences* e *Acta Scientiarum. Technology*. In 2008 a new journal was created, *Acta Scientiarum. Language and Culture*, in order to cover a new line of knowledge and, with the separation of the Human field, the Editorial Council took the decision to create the journal *Acta Scientiarum. Education* in December, 2009 (1).

Currently, from the eight journals of the Publishing House, there are seven indexed in the SCOPUS, two in the Web of Science (impact factor in the JCR- Journal Citation Reports), two in SciELO (main Latin-American database) and all of them in the Redalyc. From these journals, the ***Acta Scientiarum. Agronomy***, ISSN 1679-9275 (printed) and ISSN 1807-8621 (online), is the best rated one according to Qualis CAPES. It is classified as A2 (International) and is indexed in the most important international databases, including Web of Science. The 2015 issue of Journal Citation Reports® (JCR) of Thomson Reuters has just been published and has recently graded *Acta Scientiarum. Agronomy* with **Impact Factor** 1.317. It is the greatest in the country in the field

of Agricultural Science and with low tax of self-citation (nearly 1%), a result of the recognition of the published scientific articles quality.

The [Journal Citation Reports \(JCR\)](#) is a tool acknowledged for evaluating journals indexed in the **Web of Science**. It presents quantitative data that support a systematic and objective review of the journals covering the following fields of knowledge: Agricultural Science, Biological Science, Social Science, Applied Social Science, Exact Science, Earth Science and Engineering (2). The JCR is a resource that allows us to evaluate and compare journals using data from citations of academic and technical journals. It allows verifying the most cited journals in a certain area and the relevance of the publication for the scientific community, through the Impact Factor (3).

Currently, the JCR indexes nearly 12.00 titles of scientific journals and academic conferences proceedings of more than 3.300 editors around over 80 countries. The importance of JCR lies in the fact that this resource indicates the Impact Factor (IF) of the journals indexed in the Web of Science, calculated through the division of the number of times articles from a certain indexed journal are cited in a year by the number of papers published by this journal in the previous two years. Although other metrics are available, the academic community is strongly influenced by the IF of journals, as it is one of the indicators considered in the evaluation of scientific productivity, especially by CNPq and Capes, the main Brazilian agencies which support research (4).

In this context, *Acta Scientiarum*. Agronomy is very well classified and open to new submissions of high-quality scientific articles. The journal publishes original articles in all relevant fields of Agronomy, including earth science, plant science, physiology of cultivated plants, medicinal plants, phytopathology, plant health, integrated pest management, plant breeding, agricultural microbiology and seeds production and technology.

References:

- <sup>1</sup> Braccini, A.L. (2014). Editorial - *Acta Scientiarum*: 40 Years. *Acta Scientiarum. Agronomy*, 36(1), i-ii. Disponível em: <[http://periodicos.uem.br/ojs/index.php/ActaSciAgron/article/view/22405/pdf\\_1](http://periodicos.uem.br/ojs/index.php/ActaSciAgron/article/view/22405/pdf_1)>. Acesso em: 1 Ago. 2016.
- <sup>2</sup> O que é o Journal Citation Reports (JCR)? Disponível em: <<http://www.seabd.bco.ufscar.br/bases-dados/o-que-e-o-journal-citation-reports-jcr>>. Acesso em: 1 Ago. 2016.
- <sup>3</sup> JCR - Journal Citation Reports - Biblioteca Telles - Insper. Disponível em: <<http://www.insper.edu.br/biblioteca-telles/recursos-de-busca/jcr-journal-citation-reports/>>. Acesso em: 1 Ago. 2016.
- <sup>4</sup> JCR 2015 tem novidades: mais revistas brasileiras indexadas. Disponível em: <[HTTP://www.sibi.usp.br/noticias/jcr-2015-novidades-revistas-brasileiras-indexadas/](http://www.sibi.usp.br/noticias/jcr-2015-novidades-revistas-brasileiras-indexadas/)>. Acesso em: 16 Jun. 2016.