

RANKING HUNGARIAN RESEARCHERS USING H INDEX AND TOTAL NUMBER OF CITATIONS

Gyula Mester

Óbuda University, Doctoral School of Safety and Security Sciences, Budapest, Hungary
drmestergyula@gmail.com

Abstract

In this paper, using the h-index and the total number of citations, the best 100 Hungarian researchers from several disciplines is ranked. The list may be formed based on the h-index and the total number of citations, given in Web of Science, Scopus, Publish or Perish Program and Google Scholar database.

Data for the first 100 researchers from Hungary are presented. Google Scholar is the most complete. Therefore, to define a single indicator, h-index calculated by Google Scholar may be a good and simple one. The author chooses the Google Scholar database as it is the broadest one.

Key words: Ranking Hungarian researchers, h-index, total number of citations, Google Scholar database

References:

- [1] Hirsch, J.E.: *An index to quantify an individual's scientific research output. Proceedings of the National Academy of Sciences of the United States of America* 102 (46), 16569-16572, 2005, <http://dx.doi.org/10.1073/pnas.0507655102>.
- [2] Gyula Mester, *New Trends in Scientometrics, Proceedings of the SIP 2015, 33rd International Conference Science in Practice*, pp. 22-27, Schweinfurt, Germany, 07-08.05.2015.
- [3] Gyula Mester, *Naučnometrijski indeksi - primena u robotici, Zbornik radova ETRAN 2015, 59. konferencija za elektroniku, telekomunikacije, računarstvo, automatiku i nuklearnu tehniku, EDU 1.1*, pp. 1-6, ISBN 978-86-80509-71-6, Srebrno Jezero, Serbia, 08 - 11. 06. 2015.
- [4] Gyula Mester, *Novi trendovi naučne metrike, Proceedings of the XXI Skup Trendovi Razvoja: "Univerzitet u Promenama..."*, paper No. UP 1-3, pp. 23-30, ISBN 978-86-7892-680-8, DOI: 10.13140/RG.2.1.1754.2486, Zlatibor, Serbia, 23. - 26. 02. 2015.
- [5] Mester Gyula: *Tudományos teljesítmény mérése, idézetek, h index, Proceedings of 8th International Engineering Symposium at Bánki, IESB 2016, Ed. Drégelyi-Kiss Ágota*, ISBN: 978-615-5460-95-1, pp. 1-10, paper 57, Óbuda University, 17 November 2016.
- [6] Mester Gyula, *Honlap szerkesztése Google Tudós alkalmazásával, Magyar Tudomány Napja a Délvidéken 2013, Vajdasági Magyar Tudományos társaság*, pp. 674-679, ISBN 978-86-88077-06-4, Újvidék, Szerbia, 2014.
- [7] Gyula Mester, *Rankings Scientists, Journals and Countries Using h-index, Interdisciplinary Description of Complex Systems, Croatian Interdisciplinary Society, Vol. 14, No. 1, ISSN 1334-4684, DOI: 10.7906/indecs.14.1.1*, pp. 1-9, 2016.
- [8] Gyula Mester, *Merenje rezultata naučnog rada*, pp. 445-453, *Tehnika-Mašinstvo* 64, 3, ISSN 0040-2176, Beograd, Srbija, 2015.