

Ranking of Artificial Intelligence Researchers in Serbia in 2025

Mester, Gyula

Abstract: *The paper presents the ranking of Artificial Intelligence researchers in Serbia for 2025. The ranking is presented primarily according to the researchers' h-index. Researchers with matching h-index are ranked by the number of citations. The minimum h-index of the 15 ranked researchers is 17. The h-index can be determined from the following online databases: Web of Science, Scopus, Google Scholar and the Publish or Perish program. The h-index, also known as the Hirsch index, is based on references. The ranking will be edited using the Google Scholar web database. Google Scholar is Google's scientific search engine, launched in 2004. We also present the ORCID iD number and the g-index of the researchers.*

Index Terms: *Artificial Intelligence, citations, h-index, Google Scholar, ORCID iD, ranking of Artificial Intelligence researchers in Serbia for 2025.*

1. INTRODUCTION

THE paper presents the ranking of Artificial Intelligence researchers in Serbia for 2025.

Artificial Intelligence is transforming higher education, creating new opportunities and challenges for students, teachers, and institutions. The use of Artificial Intelligence in higher education should not be restricted. Every student uses and every teacher uses Artificial Intelligence.

Publishing new scientific results is one of the manifestations of scientific creativity. Scientific metrics is essential to measure the quantity and quality of scientific output. Science metrics measure the:

- quantity of scientific publications - the number of publications and
- their quality: citation rate, h-index, g-index.

An effective way to measure scientific performance is to measure citations, because if someone is cited by other scientists a lot, they are probably better researchers. The ranking of researchers is primarily presented according to the h-index of researchers.

The h-index is the largest number h , indicating

that h number of publications contain at least h citations. It can be determined from the following online databases/programs: Web of Science, Scopus, Google Scholar, and Publish or Perish.

The h-index, also known as the Hirsch index, is based on references. The h-index was published by physicist Jorge E. Hirsch (University of California, San Diego) in 2005:

"A scientist has index h if h of his/her N papers have at least h citations each, and the other $(N-h)$ papers have no more than h citations each".

Thus, the h-index is the highest h number, indicating that h publications have at least h citations and all other scientific publications by the same author have, by definition, fewer than h citations.

Hirsch suggested that the index was originally intended to compare individual performance only, but that it could also be used to determine the h-index of:

- research groups,
- journals,
- disciplines,
- institutions, and
- countries.

The original h-index does not distinguish between dependent and independent citations, i.e. it also takes self-citations into account.

In the case of a matching h-index, researchers are ranked by the number of citations. The minimum h-index of the top 15 ranked researchers is 17. The ranking is constructed using the Google Scholar database [1] and the Publish or Perish program [2]. Google Scholar is Google's scientific search engine, launched in 2004, which displays the researcher's scientific publications, citations, h-index, and i10-index.

The first chapter is the introduction, the second chapter presents the ranking [3-10] of Artificial Intelligence researchers in Serbia for 2025, and the third chapter summarizes the results of the research.

2. RANKING OF ARTIFICIAL INTELLIGENCE RESEARCHERS IN SERBIA FOR 2025

The paper presents the ranking of Artificial Intelligence researchers in Serbia for 2025.

Artificial Intelligence is transforming higher education, creating new opportunities and challenges for students, teachers, and

institutions.

The 2025 ranking of Artificial Intelligence researchers in Serbia is presented primarily by the h-index of researchers. The ranking has been constructed using the Google Scholar database [11-19]. Researchers with matching h-index are ranked by the number of citations [20-34]. The minimum h-index of the ranked researchers is 17. Fifteen researchers are included in the list.

We also present the ORCID iD number [3] and

the g-index of the Artificial Intelligence researchers of Serbia for 2025.

The g-index is calculated based on the distribution of citations received by a given researcher's publications, such that given a set of articles ranked in decreasing order of the number of citations that they received. The g-index is the largest number such that the top g articles received together at least g^2 citations [2].

1. Nebojsa Bacanin

h-index = 65,

g-index = 96,

citations: 1412.

ORCID iD: 0000-0002-2062-924X



Nebojsa Bacanin

Faculty of Informatics and Computing, [Singidunum University](#), vice-rector for scientific research

Verified email at [singidunum.ac.rs](#) - [Homepage](#)

[Artificial Intelligence](#) [Swarm Intelligence](#) [Digital Image Processing](#) [Optimization Metaheuristics](#)
[Deep Learning](#)



Cited by

	All
Citations	14012
h-index	65
i10-index	265

2. Vladimir Stojanovic

h-index = 64,

g-index = 92,

citations: 8516.

ORCID iD: 0000-0002-6005-2086



Vladimir Stojanovic

Prof. of Aut. Control, Faculty of Mechanical and Civil Eng. in Kraljevo, Univ. of Kragujevac, Serbia

Verified email at [mts.rs](#)

[Computer Science](#) [Intelligent Control](#) [Artificial Intelligence](#) [Machine Learning](#) [Robotics](#)



Cited by

	All
Citations	8516
h-index	64
i10-index	83

3. Gyula Mester

h-index = 62,

g-index = 72,

citations: 6290.

ORCID iD: 0000-0001-7796-2820



Gyula Mester (Orcid ID: 0000-0001-7796-2820)

Professor, [University of Szeged](#), Óbuda University, Hungary, University of Novi Sad, Serbia

Verified email at [inf.u-szeged.hu](#) - [Homepage](#)

[Self-Driving Cars](#) [Flying Cars](#) [Artificial Intelligence](#) [Intelligent Robots](#) [Citation Analysis](#)



Cited by

	All
Citations	6290
h-index	62
i10-index	112

4. Milan Tuba

h-index = 56,

g-index = 82,

citations: 8535.

ORCID iD: 0000-0003-3794-3056



Milan Tuba

[Singidunum University](#), Vice Rector for International Relations, Serbia
Verified email at singidunum.ac.rs

[Artificial Intelligence](#) [Swarm Intelligence](#) [Digital Image Processing](#) [Optimization Metaheuristics](#)

[Computer Networks](#)



Cited by

	All
Citations	8535
h-index	56
i10-index	151

5. Vladan Devedzic

h-index = 37,

g-index = 79,

citations: 6705.

ORCID iD: 0000-0002-5790-0240



Vladan Devedzic

Professor of Computer Science, [University of Belgrade](#), Serbia
Verified email at fon.bg.ac.rs - [Homepage](#)

[Artificial Intelligence](#) [Education](#) [Software Engineering](#)



Cited by

	All
Citations	6705
h-index	37
i10-index	89

6. Igor V. Pantić

h-index = 32,

g-index = 71,

citations: 5325.

ORCID iD: 0000-0001-6589-8964



Igor V. Pantić

[University of Belgrade](#), Serbia; [University of Haifa](#), Israel; [Ben-Gurion University](#), Israel
Verified email at med.bg.ac.rs - [Homepage](#)

[Physiology](#) [Psychiatry](#) [Artificial Intelligence](#)



Cited by

	All
Citations	5325
h-index	32
i10-index	68

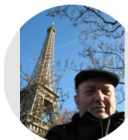
7. Zarko Cojbasic

h-index = 30,

g-index = 53,

citations: 3262.

ORCID iD: 0000-0002-4581-1048



Zarko Cojbasic

[University of Nis](#), Mechanical Engineering Faculty, Serbia
Verified email at ni.ac.rs

[artificial intelligence](#) [robotics](#) [control systems](#) [biomedical engineering](#)



Cited by

	All
Citations	3262
h-index	30
i10-index	64

8. Zoran Miljkovic

h-index = 27,

g-index = 49,

citations: 2730.

ORCID iD: 0000-0001-9706-6134



Zoran Miljkovic

Full Professor of Robotics and AI, [University of Belgrade-Faculty of Mechanical Engineering](#)
Verified email at mas.bg.ac.rs - [Homepage](#)

[Robotics](#) [Artificial Intelligence](#) [Intelligent Manufacturing S...](#) [Autonomous Systems](#)

[Machine Learning](#)



Cited by

	All
Citations	2730
h-index	27
i10-index	44

9. Aleksandar Rodić

h-index = 23,

g-index = 39,

citations: 2005.

ORCID iD: 0000-0002-5595-9224



Aleksandar Rodić (Orcid: 0000-0002-5595-9224)

University of Belgrade, Institute Mihajlo Pupin, Serbia
Verified email at pupin.rs - [Homepage](#)

[Robotics](#) [Humanoid and Personalize...](#) [Unmanned Autonomous Sy...](#) [Artificial Intelligence](#)



Cited by

	All
Citations	2005
h-index	23
i10-index	50

10. Ugljesa Marjanovic

h-index = 23,

g-index = 41

citations: 1946.

ORCID iD: 0000-0003-0009-7773



Ugljesa Marjanovic (Orcid: 0000-0002-8389-6927)

Professor of Production Management at the [University of Novi Sad, Novi Sad](#), Serbia
Verified email at uns.ac.rs - [Homepage](#)

[Production Management](#) [Artificial Intelligence](#) [Servitization](#) [Innovation](#) [Digital Education](#)



Cited by

	All
Citations	1946
h-index	23
i10-index	43

11. Vladimir Kurbalija

h-index = 19,

g-index = 30,

citations: 1087.

ORCID iD: 0000-0002-9599-4495



Vladimir Kurbalija

Full professor, [University of Novi Sad](#), Serbia
Verified email at dmi.uns.ac.rs - [Homepage](#)

[Artificial Intelligence](#) [Case Based Reasoning](#) [Time Series](#)



Cited by

	All
Citations	1087
h-index	19
i10-index	34

12. Jelena Pisarov

h-index = 18,

g-index = 32,

citations: 1069.

ORCID iD: 0000-0003-2757-9780



Jelena Pisarov (Orcid: 0000-0003-2757-9780)

Teacher of Physics and IT / [University Óbuda Budapest Hungary](#) & [University of Novi Sad](#)
Serbia
Verified email at nexttechnologies.hu - [Homepage](#)

[Artificial Intelligence](#) [Self-Driving Cars](#) [Safety and Security Sciences](#) [Safety Systems](#) [Flying Cars](#)



Cited by

	All
Citations	1069
h-index	18
i10-index	19

13. Matija Štrbac

h-index = 18,

g-index = 32,

citations: 1056.

ORCID ID: 0000-0002-6831-1943



Matija Štrbac

Tecnalia Serbia Director
Verified email at tecnalia.com

Biomedical Engineering Computer Vision Artificial Intelligence



Cited by

	All
Citations	1056
h-index	18
i10-index	24

14. Branislav Kisacanin

h-index = 17,

g-index = 37,

citations: 1427.

ORCID ID: 0000-0001-7532-1106



Branislav Kisacanin

Nvidia, Faculty of Technical Sciences, University of Novi Sad, and Institute for AI R&D of Serbia
Verified email at nvidia.com

artificial intelligence computer vision autonomous driving embedded vision



Cited by

	All
Citations	1427
h-index	17
i10-index	22

15. Milan Vukicevic

h-index = 17,

g-index = 29,

citations: 874.

ORCID ID: 0000-0002-1631-6531



Milan Vukicevic

Faculty of Organizational Sciences, University of Belgrade, Belgrade, Serbia
Verified email at fon.bg.ac.rs

data mining machine learning meta learning business intelligence artificial intelligence



Cited by

	All
Citations	874
h-index	17
i10-index	22

3. CONCLUSION

The paper presented the ranking of Artificial Intelligence researchers in Serbia for 2025. The ranking is presented primarily according to the researchers' h-index. Researchers with a matching h-index are ranked by the number of citations.

The minimum h-index of the 15 ranked researchers is 17. The ranking is edited using the Google Scholar web database and the Publish or Perish program.

We also presented the ORCID iD numbers and the g-indexes of the researchers.

REFERENCES

- [1] Google Scholar, Accessed: October 30, 2025. <https://scholar.google.com>
- [2] Publish or Perish, Accessed: October 30, 2025. <https://harzing.com/resources/publish-or-perish/windows>
- [3] ORCID iD, Accessed: October 30, 2025. <https://orcid.org/>
- [4] Marjanovic, U., Mester, G., Marjanovic, B., "Assessing the Success of Artificial Intelligence Tools an Evaluation of ChatGPT Using the Information System Success Model", Interdisciplinary Description of Complex Systems, Indecs, <https://doi.org/10.7906/indecs.22.3.3>, Vol. 22, Issue 3, pp. 266-275, 2024.
- [5] Pisarov, L. J., Mester, G., "Self-Driving Robotic Cars: Cyber Security Developments", Research Anthology on Cross-Disciplinary Designs and Applications of Automation, IGI Global, chapter 48, pp. 969-1001, 2022.
- [6] Mester, G., Bautista, C., "Automotive Digital Perception", Review of the National Center for Digitization, University of Belgrade, Vol. 39, pp. 90-95, ISSN 1820-0109, 2021.
- [7] Mester, G., "Ranking of Hungarian Scientists using h-index", Interdisciplinary Description of Complex Systems, Indecs, Vol. 21, no 4, pp. 333-340, 2023. <https://doi.org/10.7906/indecs.21.4.2>
- [8] Mester, G., "The Latest Ranking List of Researchers at the University of Novi Sad in 2023", Review of the National Center for Digitization, No: 42, pp. 49-55, 2023.
- [9] Mester, G., "Shanghai World Rank List of the Region in 2023", Review of the National Center for Digitization, Issue: 43, pp. 92-97, 2023.
- [10] Bautista, C., Mester, G., "Internet of Things in Self-Driving Cars Environment", Interdisciplinary Description of Complex Systems, Indecs, Vol. 21, No. 2, pp. 188-198, ISSN 1334-4684, <https://doi.org/10.7906/indecs.21.2.8>, 2023.
- [11] Zilahy, D., Mester, G., "Managing Negative Emotions Caused by Self-Driving", Interdisciplinary Description of Complex Systems, Indecs, Vol. 21, No. 4, pp. 351-355, <https://doi.org/10.7906/indecs.21.4.4>, ISSN 1334-4684, 2023.
- [12] Mester, G., "The 2022 Ranking List of Citation Analysis Researchers using h-Index", Interdisciplinary Description of Complex Systems, Indecs, Vol. 20, No. 6, pp. 775-779, <https://doi.org/10.7906/indecs.20.6.8>, 2022.
- [13] Mester, G., "2022 Ranking of Researchers at the University of Belgrade", Review of the National Center for Digitization, No: 42, pp. 49-55, 2023.

- tization, Vol. 41, pp. 74-80, 2022.
- [14] Mester, G., Pisarov, J., "Digitalization in Modern Transport of Passengers and Freight", Review of the National Center for Digitization, Vol. 39, pp. 83-89, 2021.
- [15] Mester, G., Pisarov, J., "Academic Ranking of World Universities 2021", Review of the National Center for Digitization, Vol. 39, pp. 96-101, 2021.
- [16] Jelena L. Pisarov, Gyula Mester, "The Use of Autonomous Vehicles in Transportation", Tehnika, Vol. 76, Issue 2, pp. 171-177, ISSN 0040-2176, <https://doi.org/10.5937/tehnika2102171P>, 2021.
- [17] Pisarov, J., Mester, G., "Rang lista fizičara Srbije", Proceedings of the XXVI Skup Trendovi Razvoja, TREND 2020, Zlatibor, Serbia, pp. 559-562, 2020.02.16.
- [18] Sostaric, D., Mester, G., "Drone Localization Using Ultrasonic TDOA and RSS Signal: Integration of the Inverse Method of a Particle Filter", FME Transactions, Vol. 48, Issue 1, pp. 21-30, 2020.
- [19] Mester, G., Pisarov, J., Zilahy, D., "Magyarországi robotikai kutatók ranglistája", XXXV. Jubileumi Kandó Konferencia 2019, JKK2019, Budapest, Hungary, pp. 224-233, 14-15.11. 2019.
- [20] Mester, G., Pisarov, J., Németh, E., "Óbudai Egyetem rangsorolása a Webometrics 2019-es ranglistákon", XXXV. Jubileumi Kandó Konferencia 2019, JKK2019, pp. 234-240, Budapest, Hungary, 14-15.11.2019.
- [21] Nemes, A., Mester, G., Mester, T.: "A Soft Computing Method for Efficient Modelling of Smart Cities Noise Pollution", Interdisciplinary Description of Complex Systems, Indecs, Vol. 16, Issue 3-A, pp. 302-312, 2018.
- [22] Mester, G., "Academic Ranking of World Universities 2017", Review of the National Center for Digitization, Vol 31, pp. 40-45, 2017.
- [23] Mester, G., "Ranking Baltic States Researchers", Interdisciplinary Description of Complex Systems, Indecs, Vol. 15, Issue 3, <https://doi.org/10.7906/indecs.15.3.1>, pp. 174-179, 2017.
- [24] Mester, G., "Rankings Scientists, Journals and Countries Using h-index", Interdisciplinary Description of Complex Systems, Indecs, <https://doi.org/10.7906/indecs.14.1.1>, pp. 1-9, 2016.
- [25] Mester, G., "Merenje rezultata naučnog rada", Tehnika-Mašinstvo, Vol. 64, No. 3, pp. 445-453, 2015, <https://doi.org/10.5937/tehnika1503445M>.
- [26] Mester G., "Új tudományos eredmények mérése", XXX Kandó Conference, Budapest, Hungary, pp. 1-10, ISBN 978-615-5460-24-1, 2014.11.20.
- [27] Gyula Mester, "Design of the Fuzzy Control Systems Based on Genetic Algorithm for Intelligent Robots", Interdisciplinary Description of Complex Systems: Indecs, Vol. 12, Issue 3, pp. 245-254, 2014. <https://doi.org/10.7906/indecs.12.3.4>
- [28] Mester, G., "Felsőoktatási világranglisták 2011", Proceedings of the Conference Informatika a felsőoktatásban, Debrecen, Hungary, pp. 269-277, 2011.
- [29] Mester, G., "Design of the Fuzzy Control Systems Based on Genetic Algorithm for Intelligent Robots", Interdisciplinary Description of Complex Systems, Indecs, vol. 12, no. 3, pp. 245-254, 2014.
- [30] Santa, J., "Artificial Intelligence Applied in Enterprise Resource Planning", Indecs, vol. 22, no. 3, pp. 360-363, <https://doi.org/10.7906/indecs.22.3.11>, 2024.
- [31] Berek, L., "A kutatás mérhetősége, tudományometriai adatbázisok és mérőszámok", Óbudai Egyetem, Budapest, Hungary, 2023, p. 107.
- [32] Berek, L., "Publikációs és citációs mérőszámok a kutatói előmenetel szemszögéből", In: Wühl Tibor (edit.) KVK Habilitációs és PhD Workshop, Óbudai Egyetem, Budapest, Hungary, pp. 4-12, 2024.
- [33] Berek, L., "Smart Devices and Services in the Library - the Importance of Smart Libraries", Transactions on Advanced Research, IPSI, vol. 17, no. 2, pp. 8-12 2021.

- [34] Berek, L., "Implementing RFID Technology for Libraries in the Field of Library Security", Óbuda University E-Bulletin, vol. 6, no. 1, pp. 17-20, 2016.



Gyula Mester, Dr. Sci, Full Professor, Faculty of Engineering, University of Szeged, Szeged, Hungary. ORCID iD: 0000-0001-7796-2820, h-index = 62, g-index = 72, researcher of Self-Driving and Flying Cars, Artificial Intelligence, Robotics, Scientific Metrics. Full member of the Hungarian Academy of Engineering, American Romanian Academy of Arts and Sciences, member of the World Academy of Science, Engineering and Technology, New York Academy of Sciences, Academy of Engineering Sciences of Serbia, corresponding member of the Academy of Sciences and Arts of Vojvodina, Man of the Year 1997 and 2011 by the American Biographical Institute. His CV was published in the Marquis Who's Who in the World 1997. E-mail: dmestergyula@gmail.com