

Gyula Mester

Doctoral School of Safety and Security Sciences, University Óbuda, Budapest, Hungary

THE LATEST RANKING LIST OF RESEARCHERS AT THE UNIVERSITY OF NOVI SAD IN 2023

Abstract. The paper presents the latest ranking list of researchers at the University of Novi Sad in 2023. The ranking is presented primarily according to the h-index of researchers. Researchers with the same h-index are ranked by the number of citations. We present the top 20 researchers in the ranking list from University of Novi Sad with the minimum h-index 29. h-index can be determined from the following online databases: Web of Science, Scopus, Google Scholar and the Publish or Perish program. The ranking is edited using the Google Scholar database. We also present the Orcid ID number of the researchers. The first chapter is the introduction, in the second chapter we present the latest ranking list of researchers at the University of Novi Sad in 2023, the third chapter is the conclusions.

Keywords: The latest ranking list of researchers at the University of Novi Sad in 2023, scientific performance measurement, h-index, citations, Google Scholar, Orcid ID

1. Introduction

The paper presented the latest ranking list of researchers at the University of Novi Sad in 2023. Indexes in Scientometrics are based on citations. However, in contrast to the journal impact factor, which gives only the ranking of the scientific journals, ordered by impact factor, indexes are suitable for ranking of:

- scientists,
- scientific journals, and
- countries.

An effective way to measure scientific performance is to measure citations, because if someone is cited a lot by other scientists, they are probably a better researcher. The ranking is presented primarily according to the h-index of researchers. The h-index, also known as the Hirsch index, is based on citations. The h-index is the largest h number, indicating that h number of publications contain at least h citations, 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 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” [1].

The h-index was originally proposed by Hirsch to compare individual performance only, but it can also be used to compare the h-index of:

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

The advantage the h-index is that it combines both the:

- quantity – number of articles and
- quality – citations to these articles.

A researcher cannot have a high h-index without publishing a considerable number of articles. The h-index favors researchers that publish a continuous stream of articles. The original h-index does not distinguish between dependent and independent citations, i.e., it also takes self-citations into account. The ranking is edited using the Google Scholar database [2]. Researchers with the same h-index are ranked by the number of citations. We presented the top 20 researchers in the ranking list from University of Novi Sad with the minimum h-index 29.

The paper is organized as follows: in Section 1 the Introduction is given, in Section 2 the ranking list of researchers at the University of Novi Sad in 2023 is presented. Conclusions are given in Section 3.

2. The latest ranking list of researchers at the University of Novi Sad in 2023

The latest ranking list of researchers at the University of Novi Sad in 2023 is presented primarily according to the researchers' h-index. The ranking has been constructed using the Google Scholar database. To construct the ranking list, type “University of Novi Sad” in the Google Scholar search engine [2] and look up the citations and h-index of the researchers. In this way, the method used is fair in terms of ranking.

Researchers with matching h-index are ranked by the number of citations [3-8]. 20 researchers are included in the ranked list [9-18]. The minimum h-index of the ranked researchers is 29. We also present the Orcid ID number of the researchers. The ranking list is the following:

1. Slobodan B. Marković

h-index = 55,

9383 citations,

Orcid ID: 0000-0002-4977-634X



Slobodan B. Marković

Professor of Physical Geography, [University of Novi Sad](#)
Verified email at dgt.uns.ac.rs - [Homepage](#)

[Quaternary research](#)



Cited by

	All
Citations	9383
h-index	55
i10-index	138

2. Gyula Mester

h-index = 51

4459 citations

Orcid ID: 0000-0001-7796-2820



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

Professor, [Obuda University](#), Institute of NextTechnologies, Hungary, University of Novi Sad, Serbia

Verified email at bgk.uni-obuda.hu - [Homepage](#)

[Unmanned Autonomous Sy...](#) [Robotics and Intelligent Sy...](#) [Flying Cars](#) [Self-Driving Cars](#)
[Citation Analysis](#)



Cited by

	All
Citations	4459
h-index	51
i10-index	92

3. Sergej M. Ostojić

h-index = 47,

23701 citations

Orcid ID: Orcid ID: 0000-0002-7270-2541



Sergej M. Ostojic, MD, PhD

Professor of Nutrition
Verified email at chess.edu.rs
[Mitochondrial dysfunction](#)
[Nutraceuticals](#)
[Metabolism](#)
[Non-communicable diseases](#)
[Createine](#)


Cited by

	All
Citations	23701
h-index	47

4. Biljana Škrbić

h-index = 43

5261 citations

Orcid ID: 0000-0002-8615-8989



Biljana Skrbic

University of Novi Sad, Faculty of Technology Novi Sad, Serbia
Verified email at tf.uns.ac.rs
[environmental protection](#)
[micropollutants](#)
[waste valorization](#)


Cited by

	All
Citations	5261
h-index	43

5. Teodor Atanacković

h-index = 42

5877 citations

Orcid ID: 0000-0002-8714-1388



Teodor Atanackovic

Department of Mechanics, Faculty of Technical Sciences, University of Novi Sad
Verified email at uns.ac.rs
[Mechanics](#)


Cited by

	All
Citations	5877
h-index	42

6. Vesna Tumbas Šaponjac

h-index = 42

5215 citations

Orcid ID: 0000-0003-1925-6500



Vesna Tumbas Šaponjac

University of Novi Sad, Faculty of Technology
Verified email at uns.ac.rs
[Food Chemistry](#)
[Antioxidants](#)
[Free radicals](#)
[Bioactive compounds](#)


Cited by

	All
Citations	5215
h-index	42

7. Senka Vidović

h-index = 40,

4631 citations,

Orcid ID: 0000-0001-6936-3289



Senka Vidovic

Assistant Professor Faculty of Technology University Novi Sad Serbia
No verified email
[extraction](#)
[high pressure extraction](#)
[spray drying](#)
[powders](#)
[medicinal plants](#)


Cited by

	All
Citations	4631
h-index	40

8. Stevan Pilipović

h-index = 39

6599 citations

Orcid ID: 0000-0002-5443-4467



Stevan Pilipovic

Profesor matematike, Emeritus, [Univerzitet u Novom Sadu](#)

Verified email at dmi.uns.ac.rs

[matematika](#) [mehanika](#)

Cited by

	All
Citations	6599
h-index	39

9. Mirjana Ivanović

h-index = 37,

7416 citations,

Orcid ID: 0000-0003-1946-0384



Mirjana Ivanovic

Full Professor, Faculty of Sciences, [University of Novi Sad](#)Verified email at dmi.uns.ac.rs - [Homepage](#)[Software agents](#) [Data mining](#) [Machine Learning](#) [Technology enhanced learn...](#)
[Software engineering](#)

Cited by

	All
Citations	7416
h-index	37

10. Biljana Abramović

h-index = 37

3557 citations

Orcid ID: 0000-0001-7009-8523



Biljana Abramovic

[University of Novi Sad](#), Faculty of Sciences

Verified email at dh.uns.ac.rs

[Analytical chemistry](#) [Advance oxidation processes](#) [Mycotoxins](#)

Cited by

	All
Citations	3557
h-index	37

11. Sanja Armaković

h-index = 36,

3623 citations,

Orcid ID: 0000-0002-3665-1046



Dr. Sanja Armaković

[University of Novi Sad](#), Faculty of Sciences, Department of Chemistry, Biochemistry and EnvironmentalVerified email at dh.uns.ac.rs - [Homepage](#)[Photodegradation](#) [Catalysis](#) [Drugs](#) [Environmental Protection](#) [DFT](#)

Cited by

	All
Citations	3623
h-index	36

12. Stevan Armaković

h-index = 35,

3311 citations,

Orcid ID: 0000-0002-8049-9969



Stevan Armaković, PhD

[University of Novi Sad](#), Faculty of Sciences, Department of PhysicsVerified email at df.uns.ac.rs - [Homepage](#)[DFT calculations](#) [molecular dynamics and do...](#) [buckybowls](#) [advanced oxidation proces...](#)
[ionic liquids](#)

Cited by

	All
Citations	3311
h-index	35

13. Livija Cvetičanin

h-index = 33,

3572 citations

Orcid ID: 0000-0002-1061-4685



Livija Cveticanin (Orcid: 0000-0002-1061-4685)

University of Novi Sad, Serbia; [Obuda University](#), Doctoral School of Safety, Budapest, Hungary

Verified email at bgk.uni-obuda.hu

[Nonlinear Vibrations](#) [Dynamics of Mass Variable ...](#)

Cited by

	All
Citations	3572
h-index	33

14. Silvana Andrić

h-index = 33

2692 citations

Orcid ID: 0000-0002-2908-8136



Silvana Andric

Professor of Animal physiology, Faculty of Science, [University of Novi Sad](#)Verified email at db.e.uns.ac.rs - [Homepage](#)[Reproductive endocrinolog...](#)

Cited by

	All
Citations	2692
h-index	33

15. Veljko Jovanović

h-index = 32,

3030 citations,

Orcid ID: 0000-0001-9248-2518



Jovanović Veljko

[University of Novi Sad](#), Department of PsychologyVerified email at ff.uns.ac.rs - [Homepage](#)[well-being](#) [resilience](#) [cross-cultural psychology](#)

Cited by

	All
Citations	3030
h-index	32

16. Branko Šikoparija

h-index = 32,

3018 citations,

Orcid ID: Orcid ID: 0000-0002-6766-4149



Branko Sikoparija

BioSense Institute - University of Novi Sad, Serbia

Verified email at biosense.rs

[aerobiology](#) [melissopalynology](#)

Cited by

	All
Citations	3018
h-index	32

17. Valeria Guzsvany

h-index = 32,

2626 citations,

Orcid ID: 0000-0002-1903-3633.



Valeria Guzsvany

Professor of Chemistry, Faculty of Sciences, [University of Novi Sad](#)

Verified email at dh.uns.ac.rs



Cited by

	All
Citations	2626
h-index	32

18. Biljana Božin

h-index = 30,

6842 citations,

Orcid ID: 0000-0002-4018-3337



Biljana Božin

Faculty of Medicine, University of Novi Sad
No verified email
[medicinal plants](#)
[chemistry](#)
[biodiversity](#)
[quality control](#)
[phytotherapy](#)


Cited by

	All
Citations	6842
h-index	30

19. Aleksandar Djordjević

h-index = 29,

3624 citations,

Orcid ID: 0000-0002-6604-0780



Aleksandar Djordjevic

Faculty of Science, [University of Novi Sad](#), Serbia
Verified email at [dh.uns.ac.rs](#) - [Homepage](#)
[nanomaterials](#)
[nanobiomaterials](#)
[nanodrugs](#)
[nanomedicine](#)


Cited by

	All
Citations	3624
h-index	29

20. Aleksandra Mišan

h-index = 29

2841 citations

Orcid ID: 0000-0003-3261-0332



Aleksandra Misan

[University of Novi Sad](#), Institute of Food Technology
Verified email at [fins.uns.ac.rs](#)


Cited by

	All
Citations	2841
h-index	29

3. Conclusion

Indexes in scientometrics are based on citations. Indexes are suitable for ranking of: scientists, scientific journals and countries. The paper presented the top 20 researchers in the latest ranking list at the University of Novi Sad in 2023. To construct the ranking list, we typed “University of Novi Sad” into Google Scholar's search engine and looked up the citations and h-index of the researchers. In this way, the method used is fair in terms of ranking.

The ranking is presented primarily according to the h-index of researchers. Researchers with the same h-index are ranked by the number of citations. The advantage the h-index is that it combines both the quantity – number of articles and quality – citations to these articles. The ranking is edited using the Google Scholar database. The minimum h-index for researchers is 29. We also presented the researchers' Orcid ID.

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drmestergyula@gmail.com