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## RANKING RESEARCHERS IN UNIVERSITY OF SZEGED 2025

**Abstract.** The paper presents the ranking researchers in University of Szeged 2025. In the ARWU 2024 - Academic Ranking of World University 2024 - ranks the University of Szeged as the highest ranked (401-500) university in Hungary. 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 50. 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 of the researchers.

**Keywords:** ARWU – Academic Ranking of World University, citations, h-index, Google Scholar, Orcid ID, ranking researchers in University of Szeged 2025.

### 1. Introduction

The paper presents ranking researchers in University of Szeged, for 2025. In the ARWU 2024 - Academic Ranking of World University 2024 - ranks the University of Szeged as the highest ranked (401-500) university in Hungary.

Publishing new scientific results is one of the manifestations of scientific creativity. Scientific metrics are 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 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, also known as the Hirsch index, is based on citations. 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 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 of 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]. We also present the Orcid ID numbers [3] of the researchers. Additional information about ranking of researchers in various field as well as ranking of universities in region are available in [4-17].

The paper is organized as follows:

The first chapter is the introduction, the second chapter presents the ranking researchers in University of Szeged, Hungary, 2025 and the third chapter summarizes the results of the research.

## 2. The 2025 ranking list of researchers at the University of Szeged, Hungary

The 2025 ranking list of researchers at the University of Szeged is presented primarily according to the researchers' h-index. The ranking has been constructed using the Google Scholar database. Researchers with the same h-index are ranked by the number of citations. We presented the top 15 researchers in the ranking list from University of Szeged with the minimum h-index 50. The ranking list is the following:

### 1. László Árpád Gergely

h-index = 110,

117967 citations.

Orcid ID: 0000-0003-3146-6201



László Árpád Gergely

Professor of Physics, [University of Szeged](#)  
Verified email at physx.u-szeged.hu - [Homepage](#)

[General relativity](#) [Gravitational waves](#) [Black hole astrophysics](#) [Cosmology](#) [Modified gravity](#)



Cited by

	All
Citations	117967
h-index	110
i10-index	257

### 2. Tápai Márton

h-index = 82,

88385 citations.

Orcid ID: 0000-0002-5354-5683



Tápai Márton

[University of Szeged](#)  
Verified email at titan.physx.u-szeged.hu

[Gravitational waves](#)



Cited by

	All
Citations	88385
h-index	82
i10-index	107

### 3. László Vécsei

h-index = 79,

28615 citations.

Orcid ID: 0000-0001-8037-3672



László Vécsei MD PhD DSc

[University of Szeged](#), Faculty of Medicine, Department of Neurology  
Verified email at med.u-szeged.hu

Neurology Neuroscience Multiple sclerosis Headache Parkinson's disease



Cited by

	All
Citations	28615
h-index	79
i10-index	492

#### 4. Adras Varro

h-index = 72,

1811 citations.

Orcid ID: 0000-0003-0745-3603



Andras Varro

[University of Szeged](#), Department of Pharmacology and Pharmacotherapy  
Verified email at med.u-szeged.hu - [Homepage](#)

The physiology and pharm...



Cited by

	All
Citations	18111
h-index	72
i10-index	239

#### 5. Imre Dékány

h-index = 71,

23805 citations.

Orcid ID: 0000-0001-5472-5355



Imre Dékány

[University of Szeged](#)  
Verified email at chem.u-szeged.hu

Nanoparticles surface chemistry thin films graphite oxide colloids



Cited by

	All
Citations	23805
h-index	71
i10-index	309

#### 6. Zoltan Konya

h-index = 71,

20592 citations.

Orcid ID: 0000-0002-9406-8596



Zoltan Konya

[University of Szeged](#)  
Verified email at chem.u-szeged.hu - [Homepage](#)

Chemistry Nanostructures Environmental Chemistry



Cited by

	All
Citations	20592
h-index	71
i10-index	381

#### 7. Fulop Ferenc

h-index = 65,

22595 citations.

Orcid ID: 0000-0003-1066-5287



Fulop Ferenc

[University of Szeged](#), professor of Pharmaceutical Chemistry  
Verified email at pharm.u-szeged.hu

organic synthesis drug research pharmaceutical chemistry



Cited by

	All
Citations	22595
h-index	65
i10-index	591

#### 8. Gyula Mester

h-index = 60,

5614 citations.

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](#)

FOLLOWING

Cited by

	All
Citations	5614
h-index	60
i10-index	98

## 9. Csaba Vágvölgyi

h-index = 59,

20495 citations.

Orcid ID: 0000-0003-0009-7773



Csaba Vágvölgyi

Professor of Microbiology, [University of Szeged](#)  
Verified email at bio.u-szeged.hu

[Microbiology](#)

FOLLOW

Cited by

	All
Citations	20495
h-index	59
i10-index	299

## 10. Etelka Tombácz

h-index = 59,

11786 citations.

Orcid ID: 0000-0002-2068-0459



Etelka Tombácz

[University of Szeged](#)  
Verified email at chem.u-szeged.hu

[colloids](#) [magnetic nanoparticles](#)

FOLLOW

Cited by

	All
Citations	11786
h-index	59
i10-index	118

## 11. Gábor Cserni

h-index = 55,

9887 citations.

Orcid ID: 0000-0003-1344-7744



Gábor Cserni

Bács-Kiskun County Teaching Hosp. & University of Szeged, Faculty of Medicine, Institute of  
Verified email at kmk.hu

FOLLOW

Cited by

	All
Citations	9887
h-index	55
i10-index	166

## 12. Eszter Farkas

h-index = 54,

10242 citations.

Orcid ID: 0000-0002-8478-9664



Eszter Farkas

[University of Szeged](#)  
Verified email at med.u-szeged.hu

[ischemic stroke](#)

FOLLOW

Cited by

	All
Citations	10242
h-index	54
i10-index	94

## 13. Akos Kukovecz

h-index = 53,

11931 citations.

Orcid ID: 0000-0002-0713-1180



Akos Kukovecz

Full professor of Chemistry, [University of Szeged](#), Hungary  
Verified email at chem.u-szeged.hu

[materials science](#) [nanotechnology](#) [porous nanocomposites](#) [chemometrics](#)



Cited by

	All
Citations	11931
h-index	53
i10-index	243

#### 14. Bettina Piko

h-index = 52,

12513 citations.

Orcid ID: 0000-0002-3072-9615



Bettina Piko

Department of Behavioral Sciences, [University of Szeged](#), Hungary  
Verified email at med.u-szeged.hu

[behavioral medicine - health...](#)



Cited by

	All
Citations	12513
h-index	52
i10-index	165

#### 15. Klivenyi Peter

h-index = 50,

11743 citations.

Orcid ID: 0000-0002-5389-3266



Klivenyi Peter

[University of Szeged](#)  
Verified email at med.u-szeged.hu



Cited by

	All
Citations	11743
h-index	50
i10-index	142

### 3. Conclusions

The paper presented the top 15 researchers in the ranking list at the University of Szeged in 2025. In the 2024 Shanghai World University Rankings ARWU, the University of Szeged is ranked in the 401-500 cluster. 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 ranking is edited using the Google Scholar database. The minimum h-index for researchers is 50. We presented the researchers' ORCID ID.

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