



# Rankings for Scientist

University, Subject,  
Country, Region, World

**Czech Republic**

**Top 5000 Scientists**

**AD Scientific Index 2024**

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# Czech Republic Top 5000 Scientists "AD Scientific Index 2024" World Scientist and University Rankings 2024

(Total 1.446.043 scientist, 219 country, 23.201 university)

**The h-index** is calculated based on the number of times an article has been cited at least h times. In order to have a high h-index, an academic must have published a high number of articles and received a high number of citations. For example, an h-index value of 15 indicates that the academic has received at least 15 citations for each of the 15 articles published. To increase the h-index value from 15 to 16, the same academic would need to receive at least 16 citations for the 16 papers published. Several databases can be used to find the h-index value, including Google Scholar, Web of Science, Scopus and Publons, some of which are public and some of which require a subscription. These databases use different parameters to calculate h-indexes, including SCI-E or indexed journals, or non-indexed ancillary elements such as other journals, books or patents. Because the set of parameters used by each database is different from those used by others, each database may calculate different h-index values. Therefore, the h-indexes calculated by Google Scholar, Web of Science, Scopus and Publons may be different for the same researcher. For example, a researcher who has written more books than scientific papers may have a low h-index in the Web of Science despite having a high number of citations. Neither index is equivalent to the other because of their different scopes. Having a large number of publications indicates that the researcher is productive, but data alone may not be the true indicator of the researcher's success. For example, a researcher may have 10 publications that have received 400 citations. We can argue that this researcher is more successful than a researcher who has more than a hundred published papers that have received, let's say, 200 citations. Moreover, some valuable studies may not have been given the value they deserve for various reasons, such as the failure to use appropriate methods that would allow easy access through scientific channels. The high number of papers cited by other authors shows the value and extent of the contribution to the scientific literature.

**The i10 index** is another academic scoring system where the scores are calculated by Google Scholar. In this scoring system, only scientific studies such as articles and books that have received 10 or more citations are taken into account. The number of studies cited ten or more times gives the i10 index value. The i10 index and h-index values calculated for the last six years do not indicate that the article was written and published in the last six years. Instead, these values show the citation power over the last 6 years, which indicates whether the paper is still effective.

Google Scholar provides both the total i10 index, h-index and citation counts as well as the values for the last 6 years through a voluntary system. In this system, researchers create their accounts, select their papers and upload the selected papers to the system. This service does not require a password and is free of charge. Here we present a newly developed index that we have developed based on the public Google Scholar profiles of scientists. We have named this new system "AD Scientific Index", which we have developed through a robust intellectual infrastructure and maximum efforts aimed at contributing to global scientific efforts.

## **“AD Scientific Index” (Alper-Doger Scientific Index):**

This new index has been developed by **Prof. Dr. Murat ALPER** (MD) and **Associate Prof. Dr. Cihan DÖĞER** (MD) by using the **total** and the **last 6 years'** values of the **i10 index**, the **h-index** and the **citation** scores in Google Scholar. In addition, the **ratio of the last 6 years' value to the total value** of the above indices is used. Using a total of nine parameters, the "AD Scientific Index" shows the ranking of an individual scientist in 12 subject areas (Agriculture & Forestry, Arts, Design & Architecture, Business & Management, Economics & Econometrics, Education, Engineering & Technology, History, Philosophy, Theology, Law / Legal Studies, Medicine & Health Sciences, Natural Sciences, Physical Sciences), Medical and Health Sciences, Natural Sciences, Social Sciences, and Others), 256 branches, 23.201 employing institutions, 219 countries, 10 regions (Africa, Asia, Europe, North America, Oceania, Arab League, EECA, BRICS, Latin America, and COMESA), and the world. This allows researchers to see their academic rankings and follow the evolution of their rankings over time.

## **Why is the “AD Scientific Index” needed? How is it different from other rankings?**

The "AD Scientific Index" is the first and only study that shows the **total** and **six-year** productivity coefficients of scientists based on **h-index** and **i10 index** scores and **citations** in Google Scholar. In addition, the index provides the ranking and assessment of scientists in academic subjects and fields as well as in 23.201 universities, 219 countries, regions and the world. In other words, the "AD Scientific Index" provides both ranking and analysis results. **Another difference of the AD Scientific Index is that it first ranks the university or institution within all institutions, and then gives its ranking within similar institutions or within universities, private and public universities.** In addition to the indexing and ranking functions, AD Scientific Index enlivens the academic life and offers the user the possibility to carry out an efficient academic analysis to verify and detect incorrect and unethical profiles, plagiarism, falsification, distortion, duplication, fabrication, slicing, salamisation, unfair authorship and various manifestations of academic harassment. Such analyses also help to reveal the medium- and long-term results of various policies implemented by institutions, including those related to academic staff recruitment and retention policies, salary policies, academic incentives and the scientific working environment.

## **Some differences of the AD Scientific Index:**

- 1- Showing the status of universities and institutions in total and in the last 6 years according to H Index, i10 index and number of citations. **Only in AD Scientific Index...**
- 2- Progress analysis of institutions in the last 6 years. **Only in AD Scientific Index...**
- 3- Comparison of public universities with public universities and showing the situation in total and in the last 6 years according to H Index, i10 index and number of citations. **Only in AD Scientific Index...**
- 4- Comparison of private universities with private universities and showing their status in total and in the last 6 years according to H Index, i10 index and number of citations. **Only in AD Scientific Index...**
- 5- Distribution analysis of the scientific ranking of the academic staff in the institution according to percentiles. **Only in AD Scientific Index...**
- 6- Showing the status of individuals according to H Index, i10 index and number of citations in total and in the last 6 years. **Only in AD Scientific Index...**
- 7- Showing the ranking of individuals by institution, country, region and branch in the world. **Only in AD Scientific Index...**

8- Top list reports of institutions in the country, region and the world. **Only in AD Scientific Index...**

9- The ranking of individuals and institutions is constantly renewed, not once a year. **Only in AD Scientific Index...**

**Subject Rankings: Which subjects are ranked in the AD Scientific Index?**

**Agriculture & Forestry:** Agricultural Biotechnology, Agricultural Economics, Agricultural Engineering, Agricultural Mechanization, Agriculture, Crop Science, Entomology & Pesticides, Animal Science, Fisheries, Forestry, Horticulture, Plant Science, Poultry Production, Soil and Water Engineering and Conservation, Soil Sciences and Plant Nutrition. **Arts, Design & Architecture:** Architecture, Interior Architecture, Arts, Design, Urban Planning. **Business & Management:** Business Administration, Communication, Decision Science and Operations Management, Entrepreneurship, Human Resource Management, Marketing, Public Administration, Public Relations and Advertising, Strategic Management. **Economics & Econometrics:** Accounting & Finance, Banking and Insurance, Economics, International Trade. **Education:** Education, Educational Administration, Educational Technology, Educational Psychology, Elementary Teacher Education, Foreign Language Education, Guidance and Counseling, Mathematics and Science Education, Sociology of Education, Special Education. **Engineering & Technology:** Aerospace Engineering, Automotive Engineering, Bioengineering, Biomaterials and Tissue Engineering, Biomedical Engineering, Chemical Engineering, Civil Engineering, Computer Science, Earth Sciences, Electrical & Electronic Engineering, Electrical & Information Engineering, Energy Engineering, Environmental Science & Engineering, Food Science and Engineering, Geomatics Engineering, Industrial & Manufacturing Engineering, Marine Engineering, Mechanical Engineering, Mechatronics Engineering, Metallurgical & Materials Engineering, Meteorology & Atmospheric Sciences, Mining Engineering, Nanoscience and Nanotechnology, Nuclear Engineering, Petroleum Engineering, Textile Engineering. **History, Philosophy, Theology, Law / Law and Legal Studies.** **Medical and Health Sciences:** Anatomy, Anesthesiology and Reanimation, Audiology and Speech Pathology, Bacteriology, Biochemistry, Biophysics, Biostatistics, Cardiology, Cardiovascular Surgery, Chest Diseases, Child and Adolescent Psychiatry, Clinical Pathology, Dentistry, Dermatology and Venereology, Emergency Medicine, Endocrinology, Epidemiology and Public Health and Metabolism, Family Medicine, Forensic Medicine, Gastroenterology, General Surgery, Geriatrics, Health Sciences, Hematology, Histology and Embryology, Immunology, Infectious Diseases, Internal Medicine, Medical Biochemistry, Medical Biology, Medical Education, Medical Genetics, Medical Microbiology, Medical Oncology, Medical Parasitology, Medical Physics, Medical Physiology, Medical Virology, Microbiology, Molecular Biology, Mycology, Neonatology, Nephrology, Neurology, Neuroscience, Neurosurgery, Nuclear Medicine, Nursing and Midwifery, Nutrition and Dietetics, Obstetrics and Gynecology, Occupational Medicine, Ophthalmology, Optometry, Orthopedics and Traumatology, Otorhinolaryngology, Parasitology, Pathology, Pediatric Cardiology, Pediatric Endocrinology and Metabolism, Pediatric Gastroenterology, Pediatric Hematology, Pediatric Infectious Diseases, Pediatric Intensive Care, Pediatric Nephrology, Pediatric Neurology, Pediatric Pulmonology, Pediatric Rheumatology, Pediatric Surgery, Pediatrics and Child Health, Perinatology, Pharmacology, Pharmacy & Pharmaceutical Sciences, Physical Medicine, Physiology, Physiotherapy, Plastic Surgery, Podiatry, Psychiatry, Radiation Oncology, Radiology, Rheumatology, Sports Medicine, Thoracic Surgery, Urology, Veterinary Sciences, Virology. **Natural Sciences:** Biological Science, Chemical Sciences, Geography, Mathematical Science, Molecular Biology & Genetics, Physics. **Social**



**Sciences:** Anthropology, Archeology, Child Development, Demography, Higher Education Studies, Housing, International Relations, Journalism and Media, Library and Information Science, Linguistics and Literature, Open and Distance Education, Political Science, Psychology, Social Policy, Social Science, Social Work, Sociology, Tourism & Hospitality, Transportation Science & Technology.

**How often is the ranking done? If I register today, when will my ranking appear in the system?**

The ranking of [individuals](#) and [institutions/universities](#) is usually done every day. New entries, deletions, corrections and changes are usually visible in all web areas after one day or at the latest three days. In other words, all entries can be viewed up to date after two working days at the latest. H index, i10 index and citation numbers in profiles are updated every 30-60 days. [Country Top List](#) rankings are made every 10 days on average.

**Data Update, Data Collection, How often is the data updated? :**

H index, i10 index and citation numbers in profiles are updated every 30-60 days. Data is collected from Google Scholar. The aim is to standardise names, institutions and industries as much as possible. Non-standardised data, including wide variations in information and the use of abbreviations and a variety of languages, have caused difficulties. Updates and new rankings will be available through the current list of profiles and the pool of academics, which would grow with new subscriptions. By performing data mining and reviewing the information obtained, many profiles have been excluded from the index. In addition, some profiles were excluded during the regular data cleaning process. Data cleansing requires a regular process that must be carried out meticulously. We welcome your input in cleaning the data and ensuring accuracy.

Identifying the subjects/departments to which scientific fields would belong may seem easy in some industries and in a number of countries. However, it may cause considerable confusion in some other countries, regions and schools. We would like to emphasise that the following fields, including engineering, natural and environmental sciences, biology and biochemistry, materials science, chemistry and social sciences, may exist in quite different spectrums in different countries. Therefore, we would like to emphasise that the standardisation of subjects and branches has not been easy. In order to carry out the standardisation, we have accepted the official names of the institutions and academic branches as they appear on the university website. We developed this strategy in order to at least partially standardise this complex situation.

**Expansion Policy and Add to the list?:**

The number of universities in countries and the number of academics in universities are gradually increasing within our means. The current list of registered academics includes 1.446.043 individuals, making it the largest ranked database. Frequent updates will be limited to new individual and institutional registrations in addition to our existing lists. In general, we do not aim for an infinite expansion in the number of people, as we have reached a manageable number that will provide healthy results. Addition to the list is limited to new individual and institutional registrations.

**Profile information and ethical responsibility:**

The ethical responsibility for accurate profile information rests entirely with the individual scientist. However, we believe that it would be prudent for institutions, countries, and even professional societies to conduct periodic reviews of the profiles of scientists affiliated with their organisation, as misleading information can damage the reputation of the organisation or country. Organisations should also review profiles to identify and report on scientists who are not affiliated with the institution. In order to avoid damage to the reputation of the institution, institutions should take the necessary corrective and preventive action against published scientist profiles that are unethically arranged.

### **Is it compulsory to register to find out your ranking?**

You do not need to register to find out your individual ranking, you will be ranked more or less the same as a scientist with a similar H index, i10 index and citation count. Scientists with scores similar to yours are definitely on the list. However, you need to register to be included in the ranking with all its elements.

### **Ranking Criteria:**

#### **H-index rankings**

Ranking of scientists by the university, country, region, and in the world was performed based on the "total h-index". The "total h-index" was used in rankings by the branch and the subbranch.

The ranking criteria based on the "**total h-index**" scores were used in the following order: 1. Total h-index scores, 2. Last 6 years' h-index scores, 3. Total i10 index scores, 4. Total number of citations). Ranking based on the **last 6 years h-index** scores was performed using criteria in the following order: 1. Last 6 years' h-index scores, 2. Total h-index scores, 3. Last 6 years' i10 index scores, 4- Number of citations in the last 6 years.

#### **i10 Index Productivity Rankings**

**i10 Index Productivity Rankings** is a unique service offered only by "AD Scientific Index". It is a ranking system derived from the i10 index to show the productivity of scientists in publishing high-value scientific articles. It shows the number of articles with 10 or more citations, not the total number of articles of the scientist. Productivity Rankings is a tool that lists the most productive scientists in a given field, discipline, university and country, and can guide the development of meaningful incentives and academic policies. The world, regional and university rankings of scientists in this table are calculated on the basis of the overall i10 index. You can also see the **"last 6 years i10 index"**.

The ranking criteria for the **total i10 index** were used in the following order: 1. Total i10 index scores, 2. Last 6 years' i10 index scores, 3. Total h-index scores, and 4. Total number of citation . Ranking based on the **last 6 years' i10 index** scores was performed using the criteria in the following order: 1. Last 6 years' i10 index scores, 2. Total i10 index scores, 3. Last 6 years' h-index scores and 4. Number of citations in the last 6 years.

#### **Citation Rankings**

**Citation Rankings** is a unique service offered only by "AD Scientific Index". It is a ranking system derived from the number of citations to scientific articles of scientists. The Citation

Rankings is a tool that lists the scientists whose scientific publications are most highly valued in a given field, discipline, university and country, and like the i10 index, this ranking can guide the development of meaningful incentives and academic policies. You can also see the ["last 6 years citation counts"](#).

Ranking based on the **total number of citations** was performed using the criteria in the following order: 1. Total number of citations, 2. Number of citations in the last 6 years , 3. Total i10 index scores and 4. Total h-index scores. Ranking based on the total number of [citations in the last 6 years](#) was performed using the criteria in the following order: 1: Number of citations in the last 6 years, 2. Total number of citations, 3: Last 6 years' i10 index scores and 4. Last 6 years' h-index scores

### **Studies that influence the order of ranking because of a high number of citations received, in a manner similar to CERN:**

We started a procedure to add an asterisk as **"i"** at the end of the names of the authors when a scientific paper of interest included many authors such as CERN, ATLAS, ALICE, CMS, Statistical Data, Guideline, Updates etc. scientific papers. We think that new criteria will be defined to be implemented for such studies. Until further criteria are described, we marked such studies with a **"i"** sign. [List without CERN, Statistical Data etc.](#)

### **Why are the last 6 years' ratios / total ratios important?**

The h-index, the i10 index and the ratio of citations in the last 6 years to the total number of citations are important unique features of the AD Scientific Index, showing both the development of the individual performance of the scientist and the impact of the institutional policies of the universities on the overall scientific picture.

### **Institution analysis with AD Scientific Index**

"AD Scientific Index" is the only source where you can evaluate all these institutions according to Total H Index, Last 6 Years H Index, Total i10 Index, Last 6 Years i10 Index, Total Citations and Last 6 Years Citations and analyse the latest developments of the institution. AD Scientific Index is the only analysis system that can analyse the number of scientists in institutions by subject and the top 10%, 20%, 30%, 40%, 50%, 50%, 60%, 70%, 80%, 90% and 90% of the world. Examples of Utah State University analyses are below:

a. Utah State University ranking among ALL UNIVERSITIES in the country, continent and world by 6 parameters:

{{REPLACE\_IMG\_1}}

b. Utah State University ranking among ALL PUBLIC UNIVERSITIES in the country, continent and world according to 6 parameters:

{{REPLACE\_IMG\_2}}

c. Utah State University ranking in ALL INSTITUTIONS (university, institute, hospital, company) in

the country, continent and world:

{{REPLACE\_IMG\_3}}

d. Analysis of Utah State University scientists' achievement status by percentiles and subject:

{{REPLACE\_IMG\_4}}

### **Ranking Criteria for Universities:**

We have a ranking that includes [all universities](#), [private universities](#), [public universities](#), [institutions](#), [hospitals](#), [companies](#), as well as a ranking that includes only the relevant categories. For example, a private university: You can see its ranking in the country, the region and the world among all institutions, all private universities and all universities.

For global university rankings, ranking organisations use the following parameters: quality of education, employment rates of graduates, quality of faculties within an individual university, international collaborations, number of alumni and staff awarded Nobel Prizes and Fields Medals, number of highly cited researchers selected by Clarivate Analytics, total number of research papers, number of articles published in Nature and Science journals, number of articles indexed in Science Citation Index-Expanded (SCIE) and Social Science Citation Index (SSCI), and number of highly cited research articles. Each ranking organisation develops a ranking methodology that assigns different weightings to selected elements of these parameters. Experienced ranking organisations evaluate 2000-3000 universities for the ranking.

AD Scientific Index performs rankings using a single parameter, the number of "Valued and Productive Scientists" employed by a given university. This parameter, selected after years of observation, is calculated using the total H-index and i10-index values together with the number of citations, and the total H-index and i10-index values of the last 6 years together with the number of citations received in the last 6 years. We rank more than 22,350 universities in this way. Careful examination will reveal that most of the other parameters are representations of the natural academic products of 'valued and productive academics'. Institutions employing a high number of Valued and Productive Scientists, for example scientists in the first top 10%, top 20%, top 40%, top 60%, top 80% and later ranks, will naturally produce a higher number of academic outputs listed as the parameters above. "The AD Scientific Index is the only university ranking system that analyses the distribution of scientists in an institution according to the 10, 20, 30, 40, 50, 60, 70, 80 and 90 percentiles.

The ranking of institutions starts by identifying the scientists in the top 10, 20, 30, 40, 50, 60, 70, 80 and 90 per cent of the institution. Institutions with more scientists in these bands are ranked higher. If there is an equal number of scientists in a range, the next range is considered. If the number is still equal, the institution with the higher number of individual scientists is ranked higher.

A comparison of the AD Scientific Index scores of institutions with the scores of other ranked institutions will show a high degree of consistency between the scores. We use our methodology to rank institutions of different characteristics and sizes from different countries and all continents, and achieve very successful results through the ranking figures obtained. Given the



ongoing processes of data entry and data cleansing for over 22,500 universities, we expect that data entry issues such as incomplete entries or human errors in data entry made by either the universities or our team will be resolved and lead to improved accuracy of results over time.

The AD Scientific Index top university rankings will not only list the areas in which a university is the best or has room for improvement, but will also reflect the results of the institutions' science policies. This report reveals the ability of institutions to attract highly-regarded researchers and the ability of institutions to promote progress and retain researchers.

### **Institution analysis with AD Scientific Index**

"AD Scientific Index" is the only source where you can evaluate all these institutions according to Total H Index, Last 6 Years H Index, Total i10 Index, Last 6 Years i10 Index, Total Citations and Last 6 Years Citations and analyse the latest developments of the institution.

### **Ranking Criteria for Countries:**

As described in the university ranking section, it is not easy to obtain and standardize data from about 23,201 universities for the 219 country ranking. Therefore, we based our ranking system on the number of meritorious scientists. Four criteria are used to rank the countries. The first one is the number of scientists in the top 3% list. The second and third criterion are the number of scientists in the Top 10%, Top 20%, Top 40%, Top 60%, Top 80%, and later ranks. The fourth one is the number of scientists listed in the AD Scientific Index. In the case of equalities after applying all these four criteria, the world rank of the meritorious scientist of that country is used.

### **Top 100 Institutions**

With this ranking, you can see the top 100 institutions among all universities, private universities, public universities, all institutions, hospitals and companies in any country, region and the world.

### **Top 100 Scientists**

The Top 100 Scientists ranking is based on total h-index scores. The Top 100 Scientists can be ranked globally or specifically for the following regions: Africa, Asia, Europe, North America, Oceania, Arab League, EECA, BRICS and Latin America, based on total h-index scores without any breakdown by subject area. The top 100 rankings in the world, continent or region include the standardised subject areas of Agriculture & Forestry, Arts, Design & Architecture, Business & Management, Economics & Econometrics, Education, Engineering & Technology, History, Philosophy, Theology, Law & Legal Studies, Medical & Health Sciences, Natural Sciences and Social Sciences. Subjects listed as 'other' are not included in the rankings by region and subject. Therefore, you may wish to specify your subject and field and contribute to the standardisation of your performance. Identifying the subjects/departments to which scientific fields would belong may seem easy in some sectors and in a number of countries. However, it may cause considerable confusion in some other countries, regions and schools. We would like to emphasise that the following fields, including engineering, natural and environmental sciences, biology, biochemistry, materials science, biotechnology, chemistry and social sciences, may exist in quite different spectrums in different countries. Therefore, we would like to emphasise that the standardisation of subjects and branches was not easy. In order to carry out the standardisation, we have accepted the official names of the institutions and academic branches as they appear on the university website. We developed this strategy to at least partially standardise this complex

situation. We also started a procedure of adding an asterisk as an "i" at the end of the authors' names when a scientific paper of interest had many authors, such as the scientific papers of CERN.

### **[Compare And Choose Universities/Institutions](#)**

A comprehensive and reliable resource for your academic preferences and choices at all levels. You can find relevant data in "AD Scientific Index" to compare 22.710 universities and institutions from 219 countries. The number of scientists and publications, academic interests, and other detailed analysis results concerning universities and institutions will help you make your choices. For comparisons, [click](#)

### **Academic collaboration**

Scientific fields of interest specified in the profiles of scientists are available for other scientists from different countries and institutions to enable academic collaboration.

### **Comparisons of Ranking Systems**

In addition to the rankings of scientists, which consist of many tables and graphs of trend analyses that are provided for the first time, this comprehensive system offers several data and analysis results that, within the limits of the inherent advantages and limitations, will provide important added value to branches and institutions. We would like to emphasise that comparisons should not be made between two branches, each of which has a different potential to produce scientific publications. For example, it is not correct to expect the same number of articles from completely different fields such as law, social sciences, music, physics or biochemistry. Ranking comparisons should not overlook the inherent potential of fields to produce publications. For this reason, we try to focus on observations within the same subject/field and on recent productivity. The ranking is made only among the profiles in the "AD Scientific Index" and we would like to remind again that the fact that a person is not in the "AD Scientific Index" does not reflect the academic value of the person in a negative way, it only shows that he is not in the system.

### **Data Cleaning and the Redlist**

Data cleansing is a dynamic process that we perform systematically on an ongoing basis. Despite our best efforts, we may not be completely accurate and we welcome your contributions to the Red List notifications. Rarely, some scientists are placed on the Red List due to innocent mistakes made in good faith and without unethical behaviour. Most errors are the result of inadequate periodic profile checks. To avoid such an undesirable situation, researchers should regularly check their profiles and institutions should systematically check the profiles of their staff. Use [redlist@adscientificindex.com](mailto:redlist@adscientificindex.com) to report an inappropriate profile, death, or any other condition that would require the profile to be removed.

### **Limitations of the "AD Scientific Index": Missing or Inaccurate Profiles or Missing Institution Names**

This index is a comparative platform developed by ranking accessible and verified profiles. First and foremost, not being included in this index for various reasons does not mean that the academician is not valued or that only those academicians listed in the index are the valued

ones. This should be noted carefully. A meritorious scholar may not have been included in this index because he or she does not have a Google Scholar profile or we do not have access to that profile for various reasons. The unavailability of verified Google Scholar profiles of scholars working at well-known and respected academic institutions in their respective countries may prevent us from finding institutions and scholars' profiles. Because updating profiles in the system and collecting data from open sources requires effort, and because the data is being collected for the first time, it is not possible for the index to be completely error-free.

Google Scholar profiles are created and published by scholars themselves on a voluntary basis. An individual may not have created a profile for a variety of reasons and will therefore not be listed in the AD Scientific Index. It is important to remember that a profile may not exist or be public at the time of our search, some profiles may only be public at certain times, the information in the profile may not be consistent, there may be more than one profile belonging to the same person, profiles may not be verified, the name of the institution may be missing, surnames or names of institutions may change, profile owners may have died, or known or unforeseen problems may occur. Profiles whose owners have died will be removed from the system. The list is continually updated and corrected.

If we discover or are informed of unethical situations in profile information that go beyond the bounds of decency, the person will be removed from the list. As individuals are responsible for the accuracy of their profiles, organisations should also include the need to review academic staff profiles in their agenda.

Articles with thousands of authors, such as CERN studies in the field of physics, or scientific studies with more than one author in classification studies in medicine or statistical studies, raise debates about the requirements for the amount of article content that belongs to an author. As such papers may lead to inequality of opportunity, a separate grouping system may be needed in the future. To minimise this problem, it is also possible to sort using the "List without CERN, Statistical Data, etc" option. This is a feature found only in the AD Scientific Index.

The pros and cons of "ranking" systems such as Web of Science, Scopus, Google Scholar and similar others are well known, and the limitations of such systems have long been recognised in the scientific community. Therefore, interpreting this study beyond these limitations may lead to erroneous results. The AD Scientific Index needs to be evaluated with all of the above potential limitations in mind.

### ***Possible reasons why a scientist is not on this list...***

Since its foundation, AD Scientific Index has expanded at a rapid pace to include relevant individuals, regions, universities, countries, and continents. Currently, it includes 1.446.043 scientists and academicians from 219 countries and 23.201 universities and institutions. We are in continuous pursuit of comprehensiveness with close observations for the accuracy, cleanliness, reliability, and up-to-dateness of the data so as to ensure sustainability. During each update, all data with several types of increases in figures are subject to reviews for controls. So far, we have excluded almost 200,000 items of data for several reasons during the several stages of list development.

### **Reasons why a name is not on the list:**

- No Google Scholar profile available,

Notification that the person does not wish to be listed,  
The Google Scholar profile is not PUBLIC,  
The information in the profile is incomplete or irrelevant,  
A change in the profile's PUBLIC status,  
Some publications do not belong to the profile,  
Inappropriateness found and deleted during the review of a complaint about the profile  
Opening of the personal profile outside the period of periodic data expansion for the organisation  
The address is not clear or reliable,  
Deletions due to various notifications of non-compliance by the researcher's institution  
Deletion of previously listed profiles due to inaccessibility of profiles during updates,  
In addition, a name may not appear in the list due to various errors.

## **Deleted Profiles**

Profiles can be deleted for various reasons. Some profiles are deleted according to the controls made for data cleaning and ensuring the timeliness of the data, including ethical violation applications, sharing publications belonging to someone else, including publications belonging to someone else due to name similarity, preventing the profile from being public, profiles that are sometimes open and sometimes closed, profiles containing elements that undermine trust, profiles that are closed or inaccessible during the data renewal period. These profiles can register after correcting their data.

## **Inappropriate or unethical profiles**

Inappropriate or unethical profiles will be deleted, even if a fee is paid.

## **How can individuals find out their ranking if they are not already included in the list?**

You do not need to be included in a relevant list to find out your ranking. The ranking will be the same as those of other academicians or scientists with similar scores in the list. However, there is only one way to get on the list: using the [registration page of the website](#). You can use the individual or institutional registration option from this [page](#). **We do not respond to individual registration requests sent by e-mail.**

May 25, 2021 Total 417.605 scientist, 167 country, 9.525 university

June 18, 2021 Total 700.093 scientist, 182 country, 11.350 university

June 5, 2022 Total 948.737 scientist, 216 country, 15.652 university

October 1, 2022 Total 1.082.054 scientist, 19.490 university

April 1, 2023 Total 1.350.571 scientist, 218 country, 21.500 university

## **Could this work have been designed in another way?**

It is not possible to measure the research capacity of a university or a researcher accurately on the basis of a few parameters. Assessments should include many other types of data, such as patents, research funding, incentives, published books, teaching intensity, congress presentations, and graduate and postgraduate teaching positions. A common criticism is why the

Web of Science h-index is not used. Since it is not possible to have access to all the data covering all the academic components, such as the h-indexes of the Web of Science, Scopus or Publons, etc., or the organisations, patents, awards, etc., it is not possible to have access to all the data covering all the academic components.

Because it will not be possible to reach the above-mentioned information 23.201 universities, the only common parameter for an evaluation is the methodology we use. Our methodology results yield the same results as those from other ranking systems, which use a large number of parameters.

### **The Concept of Predatory:**

A journal or an academic service cannot be considered predatory only because it is not free. The concept of predatory is used for describing any unethical action including those with factitious, spurious, exaggerated, or deceptive quality, performed in return for a fee. Any predatory activity is misleading and unfair. As an institution that does not receive any governmental, institutional, or financial support and with the aim of maintaining the sustainability of our academic services and the preservation of editorial independence, we have reached the following figures of 1.446.043 academicians and 23.201 universities included in our database completely free of charge through the extensive efforts of a large team within the scope of expanding our data in terms of countries, branches, and universities. Our expansion continues at a certain pace. However, we charge a small service fee from those, who prefer to be included in the system faster, without compromising ethical principles.

### **A methodology that increases transparency and visibility.**

The "AD Scientific Index" not only provides ranking services, but also shines a light on ethical violations by presenting publicly available data, thus paving the way for ethical violations to be resolved. By carrying the torch in this way, we are improving controllability, transparency and accountability at both individual and corporate levels. These efforts have led individuals and institutions to focus on academic profiles, and tens of thousands of academics have revised and rearranged their profiles, removing inaccurate data. As well as stressing the need for academics to regularly review the information in their profiles, we also emphasise the need for institutions to review the profiles of their academic staff. You are always welcome to contribute by reporting incorrect data via the Red List link.

### **How will the new rankings be updated in the "AD Scientific Index"?**

Updates and new rankings will be available through the current list of profiles and the pool of academicians that would expand along with new subscriptions. Importantly, one should remember that taking 300 citations as the lower limit for inclusion in the index brings up the potential of exclusion because of variations across different H-index values. We are going to spend our best efforts to respond to e-mails, which question the justification for not being included in the list despite high H-index values.

Because data processing with simultaneous data input may entail the risk of data pollution, we prefer not to work with instant data online. Although it is difficult and time-consuming to check all profiles with increased numerical values during each data extraction, we regularly perform such checking procedures. Therefore, please do not send an e-mail requesting an update when the data in your profile changes. However, you are always welcome to contribute by reporting an



accidentally overlooked inappropriate profile by sending an e-mail.

### **How can I be included in the “AD Scientific Index”?**

First of all, you must have a Google Scholar profile and this profile must be set to PUBLIC. If you do not have a Google Scholar profile, you can create a profile at <https://scholar.google.com/> and add your published scientific articles. It is the liability of the scientist to ensure the accuracy and the ethical aspects of the profile. Furthermore, it is recommended that institutions would check the profiles of respective employees. We would like to remind you that you should check your profile regularly and keep it updated. Published scientific papers added to your profile may cause ethical issues if they do not belong to you.

### **Is there a specified lower limit for the h-index and i10 index scores or the number of citations to be included in “AD Scientific Index”?**

**For REGISTRATION**, no lower limits have been specified for the number of citations or the h-index or i10-index scores to be included in the “AD Scientific Index”.

### **Fee Policy**

For the sustainability and independence of this system, which has been developed by the labor of many people without any institutional or financial support, we request a small contribution as a transaction fee. With the contribution of many scientists from different fields, the "AD Scientific Index" is systematically updated for continuous improvement. In parallel with the continuous increase in the number of universities and scientists registered in the index, we are improving the methodology, software, data accuracy and data cleaning procedures every day with the contributions of a large team. Free changes: University/institution changes (by emailing [info@adscientificindex.com](mailto:info@adscientificindex.com) with evidence). Paid changes: It is in two forms as Registered Member and Premium Member membership.

### **What are the features of Registered Member?**

**Registered Member:** Total H Index Rankings, Last 6 years H Index Rankings, Last 6 years / Total H Index, Total i10 Index Rankings, Last 6 years i10 Index Rankings, Last 6 years / Total i10 Index, Total Citation Rankings, Last 6 years Citation Rankings, Last 6 years / Total Citation, Subject Rankings: Etc. Engineering & Technology / Food Science and Engineering, AD Scientific Index ID, ORCID ID, Researchgate, Awards & Achievements, Email, University / Institution Rankings, Web Of Science Researcher ID, Scopus Author ID, Academic Degree, Institutional Web Address, Office, Company or Private Business link, Books - E-books, Lecture Notes  
Fee: If you are from a HIGH-INCOME ECONOMY COUNTRY (\$12,536 OR MORE) based on the World Bank Classification, you will be requested to pay 30 US Dollars, and from other countries 24 US Dollars

### **What are the differences of Premium Member?**

**Premium Member:** In addition to Registered User Features, Ability to enter and make changes with password, All Education Information, All Work Experience, All Publications, All Articles and links, All Published Books and Book Chapters, All Presentations, All Courses, All Projects, All Editorial, Refereeing and Scientific Committee, Patents / Designs, Academic Grants and Awards, Artistic Activities, All Certificates / Courses / Trainings, Association and Community Memberships,

Ability to hide picture, Ability to show the areas you want, Change of subject, Many comparisons on the dashboard and many other features

Fee: If you are from a HIGH-INCOME ECONOMY COUNTRY (\$12,536 OR MORE) based on the World Bank Classification, you will be requested to pay 35 US Dollars, and from other countries 29 US Dollars

Once your registration has been created, you can edit your information yourself by logging in with your e-mail address and password.

### **Institutional Registration**

Institutions can submit a list of staff scientists, who have not yet been included in the AD Scientific Index, and receive a registration discount. Institutions can also apply for corrections. Scientists listed by the institution will be included in "AD Scientific Index" within 1-7 days after the profile checks. Thus, an institution can examine the total and the last 6 years' h-index and i10 index scores, numbers of citations, and productivity of employee scientists. In the same way, you can observe the accurate ranking of your university in the country, region, and the world, along with any respective progress in total and in the last 6 years. In corporate applications, the fee for individual submissions will be subject to a discount of 10%. As stated in the above article, the individual registration fee ranges from 24 \$ to 30 US\$ based on the economic status of the country. The institutional registration fee is calculated by multiplying the individual application fee of the relevant country by the number of people in the institution list and applying a 10% discount to the obtained figure. After the calculated amount is deposited into our bank account with the correct IBAN, please send the receipt, the invoice address of your institution, and the complete Excel file filled out with required information to [register@adscientificindex.com](mailto:register@adscientificindex.com). The invoice will be sent electronically to the specified institutional invoice address.

### **Data Policy:**

All data here is taken from Google Scholar and the data provided during registration, and no information that has not been made public with the consent of the individual is shared here, except for academic purposes. However, you may send a message to [info@adscientificindex.com](mailto:info@adscientificindex.com) to have your information removed from here, and your information will be deleted within 6 business days. We do not collect credit card information.

### **Your comments and contributions**

Your comments and contributions regarding our shortcomings will shed light on our continuous improvement efforts.

**Table I. Number of scientists in Czech Republic top 5.000 according to Country**

#	Country	Country Region Rank	Country World Rank	Scientists in Czech Republic Top 5.000	Total Institutions	Total Scientist
1	Czech Republic	21	43	4013	88	4013

**Table II. All Types Institutions in Czech Republic top 5.000**

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Czech Republic Top 5.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Charles University in Prague	1	246	590	Czech Republic	Public	1348	701	4	53	157	275
2	Masaryk University in Brno	2	438	1046	Czech Republic	Public	1919	388	4	22	68	117
3	Czech Technical University in Prague	3	451	1084	Czech Republic	Public	1707	355	7	21	43	81
4	Institute of Physics, Czech Republic	4	463	1117	Czech Republic	Institution	1784	123	5	20	35	62
5	Palacky University of Olomouc	5	511	1237	Czech Republic	Public	1573	170	4	17	46	81
6	University of Chemistry and Technology Prague	6	815	1931	Czech Republic	Public	1952	108	1	8	32	53
7	Brno University of Technology	7	822	1945	Czech Republic	Public	1899	229	2	8	26	53
8	University of South Bohemia in České Budejovice	8	883	2099	Czech Republic	Public	1991	76	2	7	21	38
9	University of Ostrava	9	937	2229	Czech Republic	Public	1991	73	0	7	9	19
10	Institute of Botany CAS	10	957	2273	Czech Republic	Institution	2016	47	2	6	21	30
11	Institute of Macromolecular Chemistry CAS	11	1090	2630	Czech Republic	Institution	1918	20	0	5	10	13
12	Institute of Molecular Genetics of the CAS	12	1100	2651	Czech Republic	Institution	1962	23	0	5	9	12
13	University of Hradec Králové	13	1113	2682	Czech Republic	Public	1964	55	1	5	7	12

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Czech Republic Top 5.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
14	Academy of Sciences of the Czech Republic	14	1138	2743	Czech Republic	Institution	1992	66	1	4	19	31
15	Czech University of Life Sciences Prague	15	1237	3046	Czech Republic	Public	1906	143	0	3	26	51
16	Institute of Organic Chemistry and Biochemistry CAS	16	1247	3092	Czech Republic	Institution	1953	43	0	3	15	23
17	University of West Bohemia	17	1280	3190	Czech Republic	Public	1991	104	0	3	10	20
18	Mendel University in Brno	18	1310	3266	Czech Republic	Public	1919	78	1	3	8	18
19	J. Heyrovsky Institute of Physical Chemistry of the CAS	19	1318	3283	Czech Republic	Institution	2018	25	1	3	8	13
20	Institute of Parasitology of the CAS	20	1326	3302	Czech Republic	Institution	1993	20	0	3	8	10
21	Institute of Hydrobiology of the CAS	21	1362	3405	Czech Republic	Institution	1950	14	0	3	6	8
22	Institute of Plant Molecular Biology of the CAS	22	1378	3463	Czech Republic	Institution	1990	13	1	3	5	6
23	Institute of Biophysics of the CAS	23	1392	3491	Czech Republic	Institution	1958	6	0	3	5	6
24	Institute of Microbiology of the ASCR	24	1404	3520	Czech Republic	Institution	1962	13	1	3	4	6
25	Institute for Clinical and Experimental Medicine	25	1405	3521	Czech Republic	Institution	1971	22	0	3	4	8



#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Czech Republic Top 5.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
26	Technical University of Ostrava	26	1435	3618	Czech Republic	Public	1849	137	0	2	14	30
27	Institute of Plasma Physics CAS	27	1491	3795	Czech Republic	Institution	1978	24	1	2	7	14
28	Institute of Computer Science of the CAS	28	1512	3865	Czech Republic	Institution	1975	26	0	2	6	7
29	University of Pardubice	29	1515	3873	Czech Republic	Public	1950	51	0	2	6	8
30	University of Defence Czech Republic	30	1649	4277	Czech Republic	Public	2004	42	0	2	3	3
31	Silesian University Opava	31	1724	4561	Czech Republic	Public	1991	52	0	1	7	11
32	Technical University of Liberec	32	1814	4855	Czech Republic	Public	1953	58	0	1	4	7
33	Institute of Experimental Botany CAS	33	1828	4888	Czech Republic	Institution	2017	22	1	1	4	8
34	Institute of Information Theory and Automation CAS	34	1829	4890	Czech Republic	Institution	1959	19	0	1	4	8
35	Crop Research Institute	35	1834	4912	Czech Republic	Institution	1951	16	1	1	4	7
36	Global Change Research Institute	36	1904	5163	Czech Republic	Institution	1982	7	0	1	3	4
37	Czech Geological Survey	37	1908	5178	Czech Republic	Institution	1919	14	0	1	3	4
38	Institute of Technology and Business	38	1956	5344	Czech Republic	Private	2006	30	0	1	2	4

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Czech Republic Top 5.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
39	Institute of Chemical Process Fundamentals of the CAS	39	1989	5469	Czech Republic	Institution	1960	8	0	1	2	3
40	Institute of Photonics and Electronics of the CAS	40	1993	5484	Czech Republic	Institution	2018	5	1	1	2	4
41	Institute of Physiology of the CAS	41	2010	5528	Czech Republic	Institution	2015	9	0	1	2	2
42	Astronomical Institute CAS	42	2065	5756	Czech Republic	Institution	1954	8	0	1	1	5
43	Institute of Atmospheric Physics of the CAS	43	2088	5863	Czech Republic	Institution	1905	5	0	1	1	3
44	Institute of Analytical Chemistry of the CAS	44	2143	6151	Czech Republic	Institution	2010	2	0	1	1	2
45	Institute of Vertebrate Biology of the CAS	45	2149	6162	Czech Republic	Institution	2003	2	0	1	1	2
46	Institute of Biotechnology CAS	46	2233	6530	Czech Republic	Institution	2008	18	0	0	6	8
47	Tomas Bata University in Zlín	47	2242	6550	Czech Republic	Public	2001	55	0	0	5	12
48	Institute of Animal Physiology and Genetics of the CAS	48	2254	6585	Czech Republic	Institution	1963	10	0	0	5	6
49	Institute of Psychology of the CAS	49	2285	6669	Czech Republic	Institution	1929	17	0	0	4	8
50	Institute of Geophysics CAS	50	2290	6689	Czech Republic	Institution	1920	12	0	0	4	5
51	University of Economics Prague	51	2310	6731	Czech Republic	Public	1953	90	0	0	3	11

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Czech Republic Top 5.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
52	Institute of Sociology of the CAS	52	2327	6786	Czech Republic	Institution	1990	25	0	0	3	8
53	Institute of Mathematics of the CAS	53	2414	7062	Czech Republic	Institution	1982	12	0	0	2	6
54	Institute of Geology of the CAS	54	2486	7339	Czech Republic	Institution	1999	4	0	0	2	4
55	Institute of Thermomechanics of the CAS	55	2491	7360	Czech Republic	Institution	2008	8	0	0	2	2
56	Jan Evangelista Purkyně University in Brno	56	2592	7732	Czech Republic	Public	1991	43	0	0	1	3
57	Institute of Entomology, Biology Centre of the CAS	57	2694	8088	Czech Republic	Institution	1962	12	0	0	1	2
58	Institute of Experimental Medicine	58	2762	8387	Czech Republic	Institution	1975	52	0	0	1	2
59	Business School Ostrava	59	2801	8579	Czech Republic	Private	2001	4	0	0	1	1
60	University of Finance and Administration Prague	60	2851	8830	Czech Republic	Private	1999	13	0	0	1	1
61	Nuclear Physics Institute of the CAS	61	2952	9322	Czech Republic	Institution	1972	14	0	0	0	5
62	Institute of Archaeology of the CAS	62	3036	9658	Czech Republic	Institution	1950	10	0	0	0	2
63	Institute of Rock Structure and Mechanics of the CAS	63	3053	9755	Czech Republic	Institution	2002	6	0	0	0	2

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Czech Republic Top 5.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
64	Institute of Physics of Materials of the CAS	64	3054	9759	Czech Republic	Institution	1968	5	0	0	0	2
65	Institute of Theoretical and Applied Mechanics CAS	65	3094	9916	Czech Republic	Institution	1953	10	0	0	0	2
66	Institute of Geonics of the CAS	66	3270	10665	Czech Republic	Institution	1992	4	0	0	0	0
67	JetBrains Research	67	3294	10806	Czech Republic	Company	2000	4	0	0	0	0
68	Avast Software	68	3296	10819	Czech Republic	Company	1995	3	0	0	0	2
69	Institute of Inorganic Chemistry CAS	69	3327	10980	Czech Republic	Institution		2	0	0	0	2
70	Metropolitan University Prague	70	3385	11239	Czech Republic	Private	2001	22	0	0	0	0
71	University of Veterinary and Pharmaceutical Sciences Brno	71	3513	11986	Czech Republic	Public	1918	15	0	0	0	1
72	Czech Language Institute of the CAS	72	3573	12342	Czech Republic	Institution	1946	4	0	0	0	1
73	University of New York in Prague	73	3693	12932	Czech Republic	Private	1998	6	0	0	0	0
74	Prague College of Psychosocial Studies	74	3762	13294	Czech Republic	Private	2001	1	0	0	0	1
75	Institute of Philosophy of the CAS	75	3855	13724	Czech Republic	Institution	1990	5	0	0	0	0
76	Polytechnic College in Jihlava	76	3869	13859	Czech Republic	Public	2004	12	0	0	0	0
77	Palestra Prague	77	3885	13938	Czech Republic	Private	2000	9	0	0	0	0

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Czech Republic Top 5.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
78	University of Economics and Management	78	3888	13943	Czech Republic	Private	1996	7	0	0	0	0
79	Ambis Vysoká škola	79	3947	14409	Czech Republic	Private	1999	8	0	0	0	0
80	Škoda Auto University	80	4077	15159	Czech Republic	Private	2000	11	0	0	0	0
81	Moravian Business College Olomouc	81	4134	15659	Czech Republic	Public	2005	10	0	0	0	0
82	Institute of Contemporary History of the CAS	82	4164	15843	Czech Republic	Institution	1990	3	0	0	0	0
83	Institute of Czech Literature of the CAS	83	4170	15860	Czech Republic	Institution	1947	3	0	0	0	0
84	Jan Amos Komensky University	84	4201	16186	Czech Republic	Public	1953	4	0	0	0	0
85	Institute of History, Czech Academy of Sciences	85	4357	16983	Czech Republic	Institution	2007	1	0	0	0	0
86	Logistics College	86	4450	18105	Czech Republic	Private	2004	4	0	0	0	0
87	Institute of Slavonic Studies of the CAS	87	4595	19958	Czech Republic	Institution	1968	2	0	0	0	0
88	Oriental Institute of the CAS	88	4715	20544	Czech Republic	Institution	1922	1	0	0	0	0



**Table III. All Universities in Czech Republic top 5.000**

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Czech Republic Top 5.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Charles University in Prague	1	223	522	Czech Republic	Public	1348	701	4	53	157	275
2	Masaryk University in Brno	2	348	846	Czech Republic	Public	1919	388	4	22	68	117
3	Czech Technical University in Prague	3	357	872	Czech Republic	Public	1707	355	7	21	43	81
4	Palacky University of Olomouc	4	389	965	Czech Republic	Public	1573	170	4	17	46	81
5	University of Chemistry and Technology Prague	5	540	1369	Czech Republic	Public	1952	108	1	8	32	53
6	Brno University of Technology	6	546	1381	Czech Republic	Public	1899	229	2	8	26	53
7	University of South Bohemia in České Budejovice	7	577	1486	Czech Republic	Public	1991	76	2	7	21	38
8	University of Ostrava	8	599	1547	Czech Republic	Public	1991	73	0	7	9	19
9	University of Hradec Králové	9	670	1801	Czech Republic	Public	1964	55	1	5	7	12
10	Czech University of Life Sciences Prague	10	726	2022	Czech Republic	Public	1906	143	0	3	26	51
11	University of West Bohemia	11	750	2123	Czech Republic	Public	1991	104	0	3	10	20
12	Mendel University in Brno	12	766	2171	Czech Republic	Public	1919	78	1	3	8	18
13	Technical University of Ostrava	13	815	2370	Czech Republic	Public	1849	137	0	2	14	30

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Czech Republic Top 5.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
14	University of Pardubice	14	863	2565	Czech Republic	Public	1950	51	0	2	6	8
15	University of Defence Czech Republic	15	927	2821	Czech Republic	Public	2004	42	0	2	3	3
16	Silesian University Opava	16	965	2998	Czech Republic	Public	1991	52	0	1	7	11
17	Technical University of Liberec	17	1012	3203	Czech Republic	Public	1953	58	0	1	4	7
18	Institute of Technology and Business	18	1091	3543	Czech Republic	Private	2006	30	0	1	2	4
19	Tomas Bata University in Zlín	19	1237	4367	Czech Republic	Public	2001	55	0	0	5	12
20	University of Economics Prague	20	1278	4494	Czech Republic	Public	1953	90	0	0	3	11
21	Jan Evangelista Purkyně University in Píšť nad Labem	21	1446	5234	Czech Republic	Public	1991	43	0	0	1	3
22	Business School Ostrava	22	1581	5887	Czech Republic	Private	2001	4	0	0	1	1
23	University of Finance and Administration Prague	23	1604	6066	Czech Republic	Private	1999	13	0	0	1	1
24	Metropolitan University Prague	24	1928	7948	Czech Republic	Private	2001	22	0	0	0	0
25	University of Veterinary and Pharmaceutical Sciences Brno	25	2006	8569	Czech Republic	Public	1918	15	0	0	0	1
26	University of New York in Prague	26	2118	9355	Czech Republic	Private	1998	6	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Czech Republic Top 5.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
27	Prague College of Psychosocial Studies	27	2154	9610	Czech Republic	Private	2001	1	0	0	0	1
28	Polytechnic College in Jihlava	28	2208	10037	Czech Republic	Public	2004	12	0	0	0	0
29	Palestra Prague	29	2221	10107	Czech Republic	Private	2000	9	0	0	0	0
30	University of Economics and Management	30	2224	10111	Czech Republic	Private	1996	7	0	0	0	0
31	Ambis Vysoká škola	31	2269	10525	Czech Republic	Private	1999	8	0	0	0	0
32	Škoda Auto University	32	2353	11178	Czech Republic	Private	2000	11	0	0	0	0
33	Moravian Business College Olomouc	33	2388	11616	Czech Republic	Public	2005	10	0	0	0	0
34	Jan Amos Komensky University	34	2439	12088	Czech Republic	Public	1953	4	0	0	0	0
35	Logistics College	35	2571	13638	Czech Republic	Private	2004	4	0	0	0	0

**Table IV. Public Universities in Czech Republic top 5.000**

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Czech Republic Top 5.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Charles University in Prague	1	214	463	Czech Republic	1348	701	4	53	157	275
2	Masaryk University in Brno	2	334	742	Czech Republic	1919	388	4	22	68	117
3	Czech Technical University in Prague	3	342	761	Czech Republic	1707	355	7	21	43	81
4	Palacky University of Olomouc	4	371	838	Czech Republic	1573	170	4	17	46	81
5	University of Chemistry and Technology Prague	5	505	1168	Czech Republic	1952	108	1	8	32	53
6	Brno University of Technology	6	511	1179	Czech Republic	1899	229	2	8	26	53
7	University of South Bohemia in České Budejovice	7	536	1260	Czech Republic	1991	76	2	7	21	38
8	University of Ostrava	8	554	1304	Czech Republic	1991	73	0	7	9	19
9	University of Hradec Králové	9	611	1497	Czech Republic	1964	55	1	5	7	12
10	Czech University of Life Sciences Prague	10	656	1659	Czech Republic	1906	143	0	3	26	51
11	University of West Bohemia	11	678	1743	Czech Republic	1991	104	0	3	10	20
12	Mendel University in Brno	12	691	1775	Czech Republic	1919	78	1	3	8	18
13	Technical University of Ostrava	13	731	1909	Czech Republic	1849	137	0	2	14	30

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Czech Republic Top 5.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
14	University of Pardubice	14	768	2051	Czech Republic	1950	51	0	2	6	8
15	University of Defence Czech Republic	15	816	2218	Czech Republic	2004	42	0	2	3	3
16	Silesian University Opava	16	848	2335	Czech Republic	1991	52	0	1	7	11
17	Technical University of Liberec	17	886	2484	Czech Republic	1953	58	0	1	4	7
18	Tomas Bata University in Zlín	18	1050	3157	Czech Republic	2001	55	0	0	5	12
19	University of Economics Prague	19	1089	3248	Czech Republic	1953	90	0	0	3	11
20	Jan Evangelista Purkyně University in Píšť nad Labem	20	1226	3706	Czech Republic	1991	43	0	0	1	3
21	University of Veterinary and Pharmaceutical Sciences Brno	21	1628	5504	Czech Republic	1918	15	0	0	0	1
22	Polytechnic College in Jihlava	22	1752	6191	Czech Republic	2004	12	0	0	0	0
23	Moravian Business College Olomouc	23	1856	6959	Czech Republic	2005	10	0	0	0	0
24	Jan Amos Komensky University	24	1885	7184	Czech Republic	1953	4	0	0	0	0



**Table V. Private Universities in Czech Republic top 5.000**

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Czech Republic Top 5.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Institute of Technology and Business	1	143	839	Czech Republic	2006	30	0	1	2	4
2	Business School Ostrava	2	261	1811	Czech Republic	2001	4	0	0	1	1
3	University of Finance and Administration Prague	3	264	1910	Czech Republic	1999	13	0	0	1	1
4	Metropolitan University Prague	4	357	2774	Czech Republic	2001	22	0	0	0	0
5	University of New York in Prague	5	425	3492	Czech Republic	1998	6	0	0	0	0
6	Prague College of Psychosocial Studies	6	443	3625	Czech Republic	2001	1	0	0	0	1
7	Palestra Prague	7	461	3869	Czech Republic	2000	9	0	0	0	0
8	University of Economics and Management	8	463	3872	Czech Republic	1996	7	0	0	0	0
9	Ambis Vysoká škola	9	482	4092	Czech Republic	1999	8	0	0	0	0
10	Škoda Auto University	10	518	4425	Czech Republic	2000	11	0	0	0	0
11	Logistics College	11	616	5778	Czech Republic	2004	4	0	0	0	0

**Table VI. Young Universities in Czech Republic Top 5.000**

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Czech Republic Top 5.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	University of South Bohemia in České Budejovice	7	577	1486	Czech Republic	1991	76	2	7	21	38
2	University of Ostrava	8	599	1547	Czech Republic	1991	73	0	7	9	19
3	University of West Bohemia	11	750	2123	Czech Republic	1991	104	0	3	10	20
4	University of Defence Czech Republic	15	927	2821	Czech Republic	2004	42	0	2	3	3
5	Silesian University Opava	16	965	2998	Czech Republic	1991	52	0	1	7	11
6	Institute of Technology and Business	18	1091	3543	Czech Republic	2006	30	0	1	2	4
7	Tomas Bata University in Zlín	19	1237	4367	Czech Republic	2001	55	0	0	5	12
8	Jan Evangelista Purkyně University in ěstí nad Labem	21	1446	5234	Czech Republic	1991	43	0	0	1	3
9	Business School Ostrava	22	1581	5887	Czech Republic	2001	4	0	0	1	1
10	University of Finance and Administration Prague	23	1604	6066	Czech Republic	1999	13	0	0	1	1
11	Metropolitan University Prague	24	1928	7948	Czech Republic	2001	22	0	0	0	0
12	University of New York in Prague	26	2118	9355	Czech Republic	1998	6	0	0	0	0
13	Prague College of Psychosocial Studies	27	2154	9610	Czech Republic	2001	1	0	0	0	1

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Czech Republic Top 5.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
14	Polytechnic College in Jihlava	28	2208	10037	Czech Republic	2004	12	0	0	0	0
15	Palestra Prague	29	2221	10107	Czech Republic	2000	9	0	0	0	0
16	University of Economics and Management	30	2224	10111	Czech Republic	1996	7	0	0	0	0
17	Ambis Vysoká škola	31	2269	10525	Czech Republic	1999	8	0	0	0	0
18	Škoda Auto University	32	2353	11178	Czech Republic	2000	11	0	0	0	0
19	Moravian Business College Olomouc	33	2388	11616	Czech Republic	2005	10	0	0	0	0
20	Logistics College	35	2571	13638	Czech Republic	2004	4	0	0	0	0

**Table VII. Institutions in Czech Republic top 5.000**

#	Institution	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Czech Republic Top 5.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Institute of Physics, Czech Republic	1	93	179	Czech Republic	1784	123	5	20	35	62
2	Institute of Botany CAS	2	323	592	Czech Republic	2016	47	2	6	21	30
3	Institute of Macromolecular Chemistry CAS	3	387	707	Czech Republic	1918	20	0	5	10	13
4	Institute of Molecular Genetics of the CAS	4	392	718	Czech Republic	1962	23	0	5	9	12
5	Academy of Sciences of the Czech Republic	5	413	758	Czech Republic	1992	66	1	4	19	31
6	Institute of Organic Chemistry and Biochemistry CAS	6	467	864	Czech Republic	1953	43	0	3	15	23
7	J. Heyrovsky Institute of Physical Chemistry of the CAS	7	496	917	Czech Republic	2018	25	1	3	8	13
8	Institute of Parasitology of the CAS	8	499	922	Czech Republic	1993	20	0	3	8	10
9	Institute of Hydrobiology of the CAS	9	521	963	Czech Republic	1950	14	0	3	6	8
10	Institute of Plant Molecular Biology of the CAS	10	530	979	Czech Republic	1990	13	1	3	5	6
11	Institute of Biophysics of the CAS	11	539	993	Czech Republic	1958	6	0	3	5	6
12	Institute of Microbiology of the ASCR	12	543	1000	Czech Republic	1962	13	1	3	4	6
13	Institute for Clinical and Experimental Medicine	13	544	1001	Czech Republic	1971	22	0	3	4	8
14	Institute of Plasma Physics CAS	14	576	1061	Czech Republic	1978	24	1	2	7	14

#	Institution	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Czech Republic Top 5.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
15	Institute of Computer Science of the CAS	15	585	1075	Czech Republic	1975	26	0	2	6	7
16	Institute of Experimental Botany CAS	16	702	1325	Czech Republic	2017	22	1	1	4	8
17	Institute of Information Theory and Automation CAS	17	703	1327	Czech Republic	1959	19	0	1	4	8
18	Crop Research Institute	18	705	1333	Czech Republic	1951	16	1	1	4	7
19	Global Change Research Institute	19	732	1389	Czech Republic	1982	7	0	1	3	4
20	Czech Geological Survey	20	733	1393	Czech Republic	1919	14	0	1	3	4
21	Institute of Chemical Process Fundamentals of the CAS	21	759	1455	Czech Republic	1960	8	0	1	2	3
22	Institute of Photonics and Electronics of the CAS	22	762	1461	Czech Republic	2018	5	1	1	2	4
23	Institute of Physiology of the CAS	23	766	1467	Czech Republic	2015	9	0	1	2	2
24	Astronomical Institute CAS	24	779	1506	Czech Republic	1954	8	0	1	1	5
25	Institute of Atmospheric Physics of the CAS	25	787	1528	Czech Republic	1905	5	0	1	1	3
26	Institute of Analytical Chemistry of the CAS	26	808	1574	Czech Republic	2010	2	0	1	1	2
27	Institute of Vertebrate Biology of the CAS	27	811	1578	Czech Republic	2003	2	0	1	1	2
28	Institute of Biotechnology CAS	28	831	1629	Czech Republic	2008	18	0	0	6	8
29	Institute of Animal Physiology and Genetics of the CAS	29	836	1637	Czech Republic	1963	10	0	0	5	6

#	Institution	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Czech Republic Top 5.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
30	Institute of Psychology of the CAS	30	842	1651	Czech Republic	1929	17	0	0	4	8
31	Institute of Geophysics CAS	31	845	1658	Czech Republic	1920	12	0	0	4	5
32	Institute of Sociology of the CAS	32	855	1680	Czech Republic	1990	25	0	0	3	8
33	Institute of Mathematics of the CAS	33	888	1738	Czech Republic	1982	12	0	0	2	6
34	Institute of Geology of the CAS	34	907	1775	Czech Republic	1999	4	0	0	2	4
35	Institute of Thermomechanics of the CAS	35	908	1777	Czech Republic	2008	8	0	0	2	2
36	Institute of Entomology, Biology Centre of the CAS	36	948	1870	Czech Republic	1962	12	0	0	1	2
37	Institute of Experimental Medicine	37	968	1912	Czech Republic	1975	52	0	0	1	2
38	Nuclear Physics Institute of the CAS	38	1002	2010	Czech Republic	1972	14	0	0	0	5
39	Institute of Archaeology of the CAS	39	1020	2045	Czech Republic	1950	10	0	0	0	2
40	Institute of Rock Structure and Mechanics of the CAS	40	1024	2054	Czech Republic	2002	6	0	0	0	2
41	Institute of Physics of Materials of the CAS	41	1025	2056	Czech Republic	1968	5	0	0	0	2
42	Institute of Theoretical and Applied Mechanics CAS	42	1032	2067	Czech Republic	1953	10	0	0	0	2
43	Institute of Geonics of the CAS	43	1063	2145	Czech Republic	1992	4	0	0	0	0
44	Institute of Inorganic Chemistry CAS	44	1071	2177	Czech Republic		2	0	0	0	2

#	Institution	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Czech Republic Top 5.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
45	Czech Language Institute of the CAS	45	1118	2294	Czech Republic	1946	4	0	0	0	1
46	Institute of Philosophy of the CAS	46	1176	2437	Czech Republic	1990	5	0	0	0	0
47	Institute of Contemporary History of the CAS	47	1213	2550	Czech Republic	1990	3	0	0	0	0
48	Institute of Czech Literature of the CAS	48	1214	2551	Czech Republic	1947	3	0	0	0	0
49	Institute of History, Czech Academy of Sciences	49	1247	2650	Czech Republic	2007	1	0	0	0	0
50	Institute of Slavonic Studies of the CAS	50	1280	2755	Czech Republic	1968	2	0	0	0	0
51	Oriental Institute of the CAS	51	1311	2822	Czech Republic	1922	1	0	0	0	0



**Table VIII. Companies in Czech Republic top 5.000**

#	Company	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Czech Republic Top 5.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	JetBrains Research	1	282	853	Czech Republic	2000	4	0	0	0	0
2	Avast Software	2	283	857	Czech Republic	1995	3	0	0	0	2

**Table IX. Hospitals in Czech Republic top 5.000**

#	Hospital	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Czech Republic Top 5.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
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