



Rankings for Scientist

University, Subject,
Country, Region, World

Bulgaria

Top 3000 Scientists

AD Scientific Index 2024



Bulgaria Top 3000 Scientists

"AD Scientific Index 2024" World Scientist and University Rankings 2024

(Total 1.446.044 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 1.446.044 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 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 1.446.044 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 1.446.044 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 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. 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 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 Bulgaria top 3.000 according to Country

#	Country	Country Region Rank	Country World Rank	Scientists in Bulgaria Top 3.000	Total Institutions	Total Scientist
1	Bulgaria	30	60	2195	82	2195

Table II. All Types Institutions in Bulgaria top 3.000

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Bulgaria Top 3.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Sofia University St Kliment Ohridski	1	547	1310	Bulgaria	Public	1888	217	5	16	30	48
2	Institute for Nuclear Research and Nuclear Energy, Bulgarian Academy of Sciences	2	1303	3255	Bulgaria	Institution	2010	28	3	3	9	10
3	Institute of Physical Chemistry Bulgarian Academy of Sciences	3	1304	3256	Bulgaria	Institution	1958	19	0	3	9	10
4	Medical University Sofia	4	1347	3348	Bulgaria	Public	1918	76	0	3	7	9
5	Institute of Organic Chemistry, Bulgarian Academy of Sciences	5	1488	3787	Bulgaria	Institution	1960	30	1	2	7	12
6	Institute of General and Inorganic Chemistry, Bulgarian Academy of Sciences	6	1509	3856	Bulgaria	Institution	1960	27	1	2	6	14
7	Medical University Prof Dr Paraskev Stoyanov Varna	7	1514	3871	Bulgaria	Public	1961	91	0	2	6	8
8	Institute of Polymers	8	1523	3899	Bulgaria	Institution	2014	16	0	2	6	7
9	Institute of Plant Physiology and Genetics, Bulgarian Academy of Sciences	9	1634	4228	Bulgaria	Institution	2010	13	0	2	3	5
10	Institute of Mathematics and Informatics, Bulgarian Academy of Sciences	10	1806	4828	Bulgaria	Institution	1947	40	0	1	4	10
11	Medical University Plovdiv	11	1816	4858	Bulgaria	Public	1945	61	0	1	4	5
12	Institute of Mechanics, Bulgarian Academy of Sciences	12	1830	4892	Bulgaria	Institution	1987	20	0	1	4	6
13	Plovdiv University Paisii Hilendarski	13	1853	4972	Bulgaria	Public	1961	68	0	1	3	9
14	University of Chemical Technology and Metallurgy Sofia	14	1864	5002	Bulgaria	Public	1953	57	0	1	3	9

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Bulgaria Top 3.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
15	Institute of Biophysics and Biomedical Engineering, Bulgarian Academy of Sciences	15	1877	5040	Bulgaria	Institution	2010	18	0	1	3	8
16	Institute of Solid State Physics, Bulgarian Academy of Sciences	16	1879	5046	Bulgaria	Institution	1972	27	0	1	3	6
17	Institute of Microbiology, Bulgarian Academy of Sciences	17	1885	5076	Bulgaria	Institution	1947	14	0	1	3	7
18	University of Food Technologies Plovdiv	18	1899	5139	Bulgaria	Public	1953	40	0	1	3	5
19	Institute of Catalysis Bulgarian Academy of Sciences	19	1909	5181	Bulgaria	Institution	1983	11	0	1	3	4
20	Space research and technology institute of BAS	20	2019	5578	Bulgaria	Institution	1987	7	0	1	2	2
21	Institute of Mineralogy and Crystallography, Bulgarian Academy of Sciences	21	2084	5850	Bulgaria	Institution	2019	7	0	1	1	1
22	Varna University of Management	22	2169	6288	Bulgaria	Private	1996	11	0	1	1	1
23	Institute of Chemical Engineering, Bulgarian Academy of Sciences	23	2171	6298	Bulgaria	Institution	1984	3	0	1	1	1
24	Bulgarian Academy of Sciences	24	2306	6722	Bulgaria	Institution	1869	48	0	0	3	13
25	Institute of Biodiversity and Ecosystem Research	25	2413	7058	Bulgaria	Institution	2015	16	0	0	2	5
26	Trakia University Stara Zagora	26	2417	7069	Bulgaria	Public	1995	45	0	0	2	4
27	Technical University of Sofia	27	2568	7663	Bulgaria	Public	1945	64	0	0	1	4
28	Institute of Astronomy, Bulgarian Academy of Sciences	28	2601	7763	Bulgaria	Institution	1958	32	0	0	1	3
29	Institute of Molecular Biology, Bulgarian Academy of Sciences	29	2606	7772	Bulgaria	Institution	1869	12	0	0	1	4
30	University of Ruse Angel Kanchev	30	2616	7806	Bulgaria	Public	1945	60	0	0	1	2

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Bulgaria Top 3.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
31	Institute of Catalysis Bulgarian Academy of Sciences	31	2678	8025	Bulgaria	Institution		11	0	0	1	3
32	National Center of Infectious and Parasitic Diseases	32	2683	8038	Bulgaria	Institution		4	0	0	1	2
33	Institute of Oceanology, Bulgarian Academy of Sciences	33	2696	8097	Bulgaria	Institution	1973	11	0	0	1	1
34	University of Shumen Bishop Konstantin of Preslav	34	2752	8339	Bulgaria	Public	1971	42	0	0	1	1
35	National Institute of Geophysics, Geodesy and Geography, Bulgarian Academy of Sciences	35	2760	8383	Bulgaria	Institution	1869	7	0	0	1	1
36	Veliko Tarnovo University St Cyril and Methodius	36	2789	8519	Bulgaria	Public	1963	45	0	0	1	1
37	Technical University of Varna	37	2840	8753	Bulgaria	Public	1962	45	0	0	1	1
38	Institute of Information and Communication Technologies	38	2956	9344	Bulgaria	Institution	2010	29	0	0	0	1
39	Institute of Electrochemistry and Energy Systems, Bulgarian Academy of Sciences	39	3017	9566	Bulgaria	Institution	1967	8	0	0	0	3
40	Institute of Electronics, Bulgarian Academy of Sciences	40	3083	9884	Bulgaria	Institution	1869	13	0	0	0	0
41	Agricultural University Plovdiv	41	3106	9961	Bulgaria	Public	1945	41	0	0	0	1
42	Bourgas University Prof Assen Zlatarov	42	3178	10265	Bulgaria	Public	1995	36	0	0	0	0
43	South-West University Neofit Rilski Blagoevgrad	43	3191	10323	Bulgaria	Public	1975	49	0	0	0	0
44	University of Mining and Geology St Ivan Rislki Sofia	44	3194	10341	Bulgaria	Public	1953	47	0	0	0	1
45	University of Library Studies and Information Technologies Sofia	45	3195	10344	Bulgaria	Public	1950	21	0	0	0	1

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Bulgaria Top 3.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
46	Geological Institute, Bulgarian Academy of Sciences	46	3216	10404	Bulgaria	Institution	2019	7	0	0	0	1
47	University of Economics Varna	47	3219	10409	Bulgaria	Public	1920	50	0	0	0	0
48	University of Architecture Civil Engineering and Geodesy	48	3305	10844	Bulgaria	Public	1942	41	0	0	0	0
49	University of Forestry Sofia	49	3356	11070	Bulgaria	Public	1953	54	0	0	0	0
50	Institute of Optical Materials and Technologies, Bulgarian Academy of Sciences	50	3363	11095	Bulgaria	Institution	2010	10	0	0	0	1
51	New Bulgarian University	51	3391	11267	Bulgaria	Private	1991	43	0	0	0	1
52	American University in Bulgaria	52	3457	11571	Bulgaria	Private	1991	23	0	0	0	0
53	Vasil Levski National Military University Veliko Tarnovo	53	3460	11599	Bulgaria	Public	1924	22	0	0	0	0
54	Institute of Biology and Immunology of Reproduction	54	3499	11851	Bulgaria	Institution	2019	3	0	0	0	0
55	Institute of Robotics - BAS	55	3542	12149	Bulgaria	Institution	2019	5	0	0	0	0
56	University of Agribusiness and Rural Development	56	3543	12163	Bulgaria	Public	1992	19	0	0	0	0
57	Institute of Neurobiology, Bulgarian Academy of Sciences	57	3605	12449	Bulgaria	Institution	1869	2	0	0	0	1
58	Varna Free University Chernorizets Hrabar	58	3658	12675	Bulgaria	Private	1991	24	0	0	0	0
59	Central Laboratory of Solar Energy and New Energy Sources	59	3748	13247	Bulgaria	Institution	2019	1	0	0	0	1
60	Acibadem City Clinic Tokuda Hospital	60	3788	13365	Bulgaria	Hospital	2006	1	0	0	0	0
61	National Heart Hospital	61	3806	13424	Bulgaria	Hospital	1961	1	0	0	0	0
62	University of National and World Economy Sofia	62	3821	13492	Bulgaria	Public	1920	54	0	0	0	0
63	Medical University Pleven	63	3838	13618	Bulgaria	Public	1974	41	0	0	0	0

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Bulgaria Top 3.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
64	Technical University of Sofia Branch Plovdiv	64	3865	13829	Bulgaria	Public	1986	21	0	0	0	0
65	Agricultural Academy	65	3887	13940	Bulgaria	Private	1961	9	0	0	0	0
66	Technical University of Gabrovo	66	3918	14166	Bulgaria	Public	1964	22	0	0	0	0
67	Nikola Vaptsarov Naval Academy	67	4010	14697	Bulgaria	Public		3	0	0	0	0
68	University of Security and Economics	68	4012	14722	Bulgaria	Private	2003	7	0	0	0	0
69	Burgas Free University	69	4046	14902	Bulgaria	Private	1991	32	0	0	0	0
70	Academy of Economics Dimitar Apostolov Tsenov Svishtov	70	4054	14997	Bulgaria	Public	1936	29	0	0	0	0
71	Institute of Agricultural Economics, Sofia	71	4093	15297	Bulgaria	Institution	2000	8	0	0	0	0
72	European Polytechnic University	72	4211	16251	Bulgaria	Public	2010	3	0	0	0	0
73	Institute of Mineralogy and Cristallography, Bulgarian Academy of Sciences	73	4319	16858	Bulgaria	Institution	2007	1	0	0	0	0
74	International Business School	74	4396	17291	Bulgaria	Private	1991	16	0	0	0	0
75	Naval School Nikola Vaptsarov Varna	75	4400	17353	Bulgaria	Public	1942	19	0	0	0	0
76	University of Transport Todor Kableshkov	76	4406	17451	Bulgaria	Public	1922	19	0	0	0	0
77	University of Telecommunications and Posts	77	4469	18358	Bulgaria	Public	1923	9	0	0	0	0
78	Academy of Music, Dance and Fine Arts	78	4549	19283	Bulgaria	Public	1964	7	0	0	0	0
79	Institute for Historical Studies, Bulgarian Academy of Sciences	79	4652	20279	Bulgaria	Institution	1973	1	0	0	0	0
80	University of Finance, Business and Entrepreneurship	80	4769	21411	Bulgaria	Private	2002	4	0	0	0	0
81	Bulgarian Antarctic Institute	81	4852	22506	Bulgaria	Institution	2004	1	0	0	0	0
82	Lindner Bulgaria EOOD	82	4877	22710	Bulgaria	Company	2002	1	0	0	0	0

Table III. All Universities in Bulgaria top 3.000

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Bulgaria Top 3.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Sofia University St Kliment Ohridski	1	412	1017	Bulgaria	Public	1888	217	5	16	30	48
2	Medical University Sofia	2	786	2227	Bulgaria	Public	1918	76	0	3	7	9
3	Medical University Prof Dr Paraskev Stoyanov Varna	3	862	2564	Bulgaria	Public	1961	91	0	2	6	8
4	Medical University Plovdiv	4	1014	3205	Bulgaria	Public	1945	61	0	1	4	5
5	Plovdiv University Paisii Hilendarski	5	1034	3275	Bulgaria	Public	1961	68	0	1	3	9
6	University of Chemical Technology and Metallurgy Sofia	6	1041	3294	Bulgaria	Public	1953	57	0	1	3	9
7	University of Food Technologies Plovdiv	7	1058	3394	Bulgaria	Public	1953	40	0	1	3	5
8	Varna University of Management	8	1203	4204	Bulgaria	Private	1996	11	0	1	1	1
9	Trakia University Stara Zagora	9	1336	4738	Bulgaria	Public	1995	45	0	0	2	4
10	Technical University of Sofia	10	1430	5181	Bulgaria	Public	1945	64	0	0	1	4
11	University of Ruse Angel Kanchev	11	1464	5295	Bulgaria	Public	1945	60	0	0	1	2
12	University of Shumen Bishop Konstantin of Preslav	12	1546	5695	Bulgaria	Public	1971	42	0	0	1	1
13	Veliko Tarnovo University St Cyril and Methodius	13	1572	5838	Bulgaria	Public	1963	45	0	0	1	1
14	Technical University of Varna	14	1598	6002	Bulgaria	Public	1962	45	0	0	1	1
15	Agricultural University Plovdiv	15	1749	6937	Bulgaria	Public	1945	41	0	0	0	1
16	Bourgas University Prof Assen Zlatarov	16	1797	7177	Bulgaria	Public	1995	36	0	0	0	0
17	South-West University Neofit Rilski Blagoevgrad	17	1806	7226	Bulgaria	Public	1975	49	0	0	0	0
18	University of Mining and Geology St Ivan Rislki Sofia	18	1809	7243	Bulgaria	Public	1953	47	0	0	0	1

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Bulgaria Top 3.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
19	University of Library Studies and Information Technologies Sofia	19	1810	7246	Bulgaria	Public	1950	21	0	0	0	1
20	University of Economics Varna	20	1823	7293	Bulgaria	Public	1920	50	0	0	0	0
21	University of Architecture Civil Engineering and Geodesy	21	1882	7628	Bulgaria	Public	1942	41	0	0	0	0
22	University of Forestry Sofia	22	1907	7795	Bulgaria	Public	1953	54	0	0	0	0
23	New Bulgarian University	23	1933	7973	Bulgaria	Private	1991	43	0	0	0	1
24	American University in Bulgaria	24	1974	8226	Bulgaria	Private	1991	23	0	0	0	0
25	Vasil Levski National Military University Veliko Tarnovo	25	1977	8253	Bulgaria	Public	1924	22	0	0	0	0
26	University of Agribusiness and Rural Development	26	2031	8721	Bulgaria	Public	1992	19	0	0	0	0
27	Varna Free University Chernorizets Hrabar	27	2091	9120	Bulgaria	Private	1991	24	0	0	0	0
28	University of National and World Economy Sofia	28	2168	9706	Bulgaria	Public	1920	54	0	0	0	0
29	Medical University Pleven	29	2181	9819	Bulgaria	Public	1974	41	0	0	0	0
30	Technical University of Sofia Branch Plovdiv	30	2204	10011	Bulgaria	Public	1986	21	0	0	0	0
31	Agricultural Academy	31	2223	10109	Bulgaria	Private	1961	9	0	0	0	0
32	Technical University of Gabrovo	32	2247	10301	Bulgaria	Public	1964	22	0	0	0	0
33	Nikola Vaptsarov Naval Academy	33	2307	10762	Bulgaria	Public		3	0	0	0	0
34	University of Security and Economics	34	2309	10785	Bulgaria	Private	2003	7	0	0	0	0
35	Burgas Free University	35	2326	10930	Bulgaria	Private	1991	32	0	0	0	0
36	Academy of Economics Dimitar Apostolov Tsenov Svishtov	36	2333	11022	Bulgaria	Public	1936	29	0	0	0	0
37	European Polytechnic University	37	2446	12143	Bulgaria	Public	2010	3	0	0	0	0
38	International Business School	38	2531	12872	Bulgaria	Private	1991	16	0	0	0	0
39	Naval School Nikola Vaptsarov Varna	39	2535	12933	Bulgaria	Public	1942	19	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Bulgaria Top 3.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
40	University of Transport Todor Kableshev	40	2540	13022	Bulgaria	Public	1922	19	0	0	0	0
41	University of Telecommunications and Posts	41	2584	13867	Bulgaria	Public	1923	9	0	0	0	0
42	Academy of Music, Dance and Fine Arts	42	2630	14708	Bulgaria	Public	1964	7	0	0	0	0
43	University of Finance, Business and Entrepreneurship	43	2722	16446	Bulgaria	Private	2002	4	0	0	0	0

Table IV. Public Universities in Bulgaria top 3.000

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Bulgaria Top 3.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Sofia University St Kliment Ohridski	1	394	888	Bulgaria	1888	217	5	16	30	48
2	Medical University Sofia	2	709	1818	Bulgaria	1918	76	0	3	7	9
3	Medical University Prof Dr Paraskev Stoyanov Varna	3	767	2050	Bulgaria	1961	91	0	2	6	8
4	Medical University Plovdiv	4	888	2486	Bulgaria	1945	61	0	1	4	5
5	Plovdiv University Paisii Hilendarski	5	902	2530	Bulgaria	1961	68	0	1	3	9
6	University of Chemical Technology and Metallurgy Sofia	6	906	2543	Bulgaria	1953	57	0	1	3	9
7	University of Food Technologies Plovdiv	7	923	2609	Bulgaria	1953	40	0	1	3	5
8	Trakia University Stara Zagora	8	1137	3405	Bulgaria	1995	45	0	0	2	4
9	Technical University of Sofia	9	1212	3669	Bulgaria	1945	64	0	0	1	4
10	University of Ruse Angel Kanchev	10	1237	3746	Bulgaria	1945	60	0	0	1	2
11	University of Shumen Bishop Konstantin of Preslav	11	1296	3984	Bulgaria	1971	42	0	0	1	1
12	Veliko Tarnovo University St Cyril and Methodius	12	1317	4056	Bulgaria	1963	45	0	0	1	1
13	Technical University of Varna	13	1335	4129	Bulgaria	1962	45	0	0	1	1
14	Agricultural University Plovdiv	14	1444	4617	Bulgaria	1945	41	0	0	0	1
15	Bourgas University Prof Assen Zlatarov	15	1475	4761	Bulgaria	1995	36	0	0	0	0
16	South-West University Neofit Rilski Blagoevgrad	16	1482	4786	Bulgaria	1975	49	0	0	0	0
17	University of Mining and Geology St Ivan Rislki Sofia	17	1485	4797	Bulgaria	1953	47	0	0	0	1

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Bulgaria Top 3.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
18	University of Library Studies and Information Technologies Sofia	18	1486	4798	Bulgaria	1950	21	0	0	0	1
19	University of Economics Varna	19	1495	4821	Bulgaria	1920	50	0	0	0	0
20	University of Architecture Civil Engineering and Geodesy	20	1537	4989	Bulgaria	1942	41	0	0	0	0
21	University of Forestry Sofia	21	1557	5085	Bulgaria	1953	54	0	0	0	0
22	Vasil Levski National Military University Veliko Tarnovo	22	1606	5337	Bulgaria	1924	22	0	0	0	0
23	University of Agribusiness and Rural Development	23	1643	5578	Bulgaria	1992	19	0	0	0	0
24	University of National and World Economy Sofia	24	1724	6041	Bulgaria	1920	54	0	0	0	0
25	Medical University Pleven	25	1733	6094	Bulgaria	1974	41	0	0	0	0
26	Technical University of Sofia Branch Plovdiv	26	1749	6181	Bulgaria	1986	21	0	0	0	0
27	Technical University of Gabrovo	27	1778	6340	Bulgaria	1964	22	0	0	0	0
28	Nikola Vaptsarov Naval Academy	28	1808	6558	Bulgaria		3	0	0	0	0
29	Academy of Economics Dimitar Apostolov Tsenov Svishtov	29	1826	6689	Bulgaria	1936	29	0	0	0	0
30	European Polytechnic University	30	1888	7211	Bulgaria	2010	3	0	0	0	0
31	Naval School Nikola Vaptsarov Varna	31	1934	7557	Bulgaria	1942	19	0	0	0	0
32	University of Transport Todor Kableshkov	32	1939	7587	Bulgaria	1922	19	0	0	0	0
33	University of Telecommunications and Posts	33	1961	7946	Bulgaria	1923	9	0	0	0	0
34	Academy of Music, Dance and Fine Arts	34	1992	8295	Bulgaria	1964	7	0	0	0	0

Table V. Private Universities in Bulgaria top 3.000

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Bulgaria Top 3.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Varna University of Management	1	181	1147	Bulgaria	1996	11	0	1	1	1
2	New Bulgarian University	2	358	2786	Bulgaria	1991	43	0	0	0	1
3	American University in Bulgaria	3	371	2905	Bulgaria	1991	23	0	0	0	0
4	Varna Free University Chernorizets Hrabar	4	412	3358	Bulgaria	1991	24	0	0	0	0
5	Agricultural Academy	5	462	3870	Bulgaria	1961	9	0	0	0	0
6	University of Security and Economics	6	501	4216	Bulgaria	2003	7	0	0	0	0
7	Burgas Free University	7	507	4289	Bulgaria	1991	32	0	0	0	0
8	International Business School	8	600	5344	Bulgaria	1991	16	0	0	0	0
9	University of Finance, Business and Entrepreneurship	9	675	7327	Bulgaria	2002	4	0	0	0	0

Table VI. Young Universities in Bulgaria Top 3.000

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Bulgaria Top 3.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Varna University of Management	8	1203	4204	Bulgaria	1996	11	0	1	1	1
2	Trakia University Stara Zagora	9	1336	4738	Bulgaria	1995	45	0	0	2	4
3	Bourgas University Prof Assen Zlatarov	16	1797	7177	Bulgaria	1995	36	0	0	0	0
4	South-West University Neofit Rilski Blagoevgrad	17	1806	7226	Bulgaria	1975	49	0	0	0	0
5	New Bulgarian University	23	1933	7973	Bulgaria	1991	43	0	0	0	1
6	American University in Bulgaria	24	1974	8226	Bulgaria	1991	23	0	0	0	0
7	University of Agribusiness and Rural Development	26	2031	8721	Bulgaria	1992	19	0	0	0	0
8	Varna Free University Chernorizets Hrabar	27	2091	9120	Bulgaria	1991	24	0	0	0	0
9	Medical University Pleven	29	2181	9819	Bulgaria	1974	41	0	0	0	0
10	Technical University of Sofia Branch Plovdiv	30	2204	10011	Bulgaria	1986	21	0	0	0	0
11	University of Security and Economics	34	2309	10785	Bulgaria	2003	7	0	0	0	0
12	Burgas Free University	35	2326	10930	Bulgaria	1991	32	0	0	0	0
13	European Polytechnic University	37	2446	12143	Bulgaria	2010	3	0	0	0	0
14	International Business School	38	2531	12872	Bulgaria	1991	16	0	0	0	0
15	University of Finance, Business and Entrepreneurship	43	2722	16446	Bulgaria	2002	4	0	0	0	0

Table VII. Institutions in Bulgaria top 3.000

#	Institution	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Bulgaria Top 3.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Institute for Nuclear Research and Nuclear Energy, Bulgarian Academy of Sciences	1	492	912	Bulgaria	2010	28	3	3	9	10
2	Institute of Physical Chemistry Bulgarian Academy of Sciences	2	493	913	Bulgaria	1958	19	0	3	9	10
3	Institute of Organic Chemistry, Bulgarian Academy of Sciences	3	574	1058	Bulgaria	1960	30	1	2	7	12
4	Institute of General and Inorganic Chemistry, Bulgarian Academy of Sciences	4	584	1074	Bulgaria	1960	27	1	2	6	14
5	Institute of Polymers	5	590	1085	Bulgaria	2014	16	0	2	6	7
6	Institute of Plant Physiology and Genetics, Bulgarian Academy of Sciences	6	631	1166	Bulgaria	2010	13	0	2	3	5
7	Institute of Mathematics and Informatics, Bulgarian Academy of Sciences	7	696	1312	Bulgaria	1947	40	0	1	4	10
8	Institute of Mechanics, Bulgarian Academy of Sciences	8	704	1329	Bulgaria	1987	20	0	1	4	6
9	Institute of Biophysics and Biomedical Engineering, Bulgarian Academy of Sciences	9	721	1367	Bulgaria	2010	18	0	1	3	8
10	Institute of Solid State Physics, Bulgarian Academy of Sciences	10	722	1368	Bulgaria	1972	27	0	1	3	6
11	Institute of Microbiology, Bulgarian Academy of Sciences	11	723	1371	Bulgaria	1947	14	0	1	3	7
12	Institute of Catalysis Bulgarian Academy of Sciences	12	734	1394	Bulgaria	1983	11	0	1	3	4

#	Institution	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Bulgaria Top 3.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
13	Space research and technology institute of BAS	13	767	1475	Bulgaria	1987	7	0	1	2	2
14	Institute of Mineralogy and Crystallography, Bulgarian Academy of Sciences	14	783	1522	Bulgaria	2019	7	0	1	1	1
15	Institute of Chemical Engineering, Bulgarian Academy of Sciences	15	816	1595	Bulgaria	1984	3	0	1	1	1
16	Bulgarian Academy of Sciences	16	850	1668	Bulgaria	1869	48	0	0	3	13
17	Institute of Biodiversity and Ecosystem Research	17	887	1737	Bulgaria	2015	16	0	0	2	5
18	Institute of Astronomy, Bulgarian Academy of Sciences	18	929	1828	Bulgaria	1958	32	0	0	1	3
19	Institute of Molecular Biology, Bulgarian Academy of Sciences	19	931	1830	Bulgaria	1869	12	0	0	1	4
20	Institute of Catalysis Bulgarian Academy of Sciences	20	941	1859	Bulgaria		11	0	0	1	3
21	National Center of Infectious and Parasitic Diseases	21	945	1864	Bulgaria		4	0	0	1	2
22	Institute of Oceanology, Bulgarian Academy of Sciences	22	950	1873	Bulgaria	1973	11	0	0	1	1
23	National Institute of Geophysics, Geodesy and Geography, Bulgarian Academy of Sciences	23	967	1911	Bulgaria	1869	7	0	0	1	1
24	Institute of Information and Communication Technologies	24	1003	2011	Bulgaria	2010	29	0	0	0	1
25	Institute of Electrochemistry and Energy Systems, Bulgarian Academy of Sciences	25	1019	2039	Bulgaria	1967	8	0	0	0	3
26	Institute of Electronics, Bulgarian Academy of Sciences	26	1029	2061	Bulgaria	1869	13	0	0	0	0

#	Institution	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Bulgaria Top 3.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
27	Geological Institute, Bulgarian Academy of Sciences	27	1054	2121	Bulgaria	2019	7	0	0	0	1
28	Institute of Optical Materials and Technologies, Bulgarian Academy of Sciences	28	1082	2197	Bulgaria	2010	10	0	0	0	1
29	Institute of Biology and Immunology of Reproduction	29	1110	2257	Bulgaria	2019	3	0	0	0	0
30	Institute of Robotics - BAS	30	1113	2276	Bulgaria	2019	5	0	0	0	0
31	Institute of Neurobiology, Bulgarian Academy of Sciences	31	1125	2307	Bulgaria	1869	2	0	0	0	1
32	Central Laboratory of Solar Energy and New Energy Sources	32	1153	2378	Bulgaria	2019	1	0	0	0	1
33	Institute of Agricultural Economics, Sofia	33	1204	2516	Bulgaria	2000	8	0	0	0	0
34	Institute of Mineralogy and Cristallography, Bulgarian Academy of Sciences	34	1236	2627	Bulgaria	2007	1	0	0	0	0
35	Institute for Historical Studies, Bulgarian Academy of Sciences	35	1291	2784	Bulgaria	1973	1	0	0	0	0
36	Bulgarian Antarctic Institute	36	1331	2928	Bulgaria	2004	1	0	0	0	0

Table VIII. Companies in Bulgaria top 3.000

#	Company	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Bulgaria Top 3.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Lindner Bulgaria EOOD	1	643	1922	Bulgaria	2002	1	0	0	0	0

Table IX. Hospitals in Bulgaria top 3.000

#	Hospital	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Bulgaria Top 3.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Acibadem City Clinic Tokuda Hospital	1	79	210	Bulgaria	2006	1	0	0	0	0
2	National Heart Hospital	2	84	217	Bulgaria	1961	1	0	0	0	0