

Rankings for Scientist

University, Subject, Country, Region, World

Taiwan

Top 10000 Scientists

AD Scientific Index 2024





Taiwan Top 10000 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 hindexes, 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, Elemantary 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 Embriology, 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 <u>Sciences:</u> 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 <u>individuals</u> and <u>institutions/universities</u> 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. <u>Country Top List</u> 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 <u>last 6 years h-index</u>" 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

<u>Citation Rankings</u> 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:

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

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

the country, continent and world:

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

Ranking Criteria for Universities:

We have a ranking that includes <u>all universities</u>, <u>private universities</u>, <u>public universities</u>, <u>institutions</u>, <u>hospitals</u>, <u>companies</u>, 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 <u>registration page of the website</u>. You can use the individual or institutional registration option from this <u>page</u>. 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 hindex 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?

<u>Premium Member</u>: 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

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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 Taiwan top 10.000 according to Country

#	Country	Country Region Rank	Country World Rank	Scientists in Taiwan Top 10.000	Total Institutions	Total Scientist
1	Taiwan	8	26	7556	181	7556

Table II. All Types Institutions in Taiwan top 10.000

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Taiwan Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	National Taiwan University	1	21	214	Taiwan	Public	1945	889	40	158	307	445
2	National Cheng Kung University	2	56	444	Taiwan	Public	1931	369	12	75	158	221
3	National Yang Ming Chiao Tung University	3	66	481	Taiwan	Public	2021	422	10	68	132	216
4	National Tsing Hua University Taiwan	4	76	525	Taiwan	Public	1911	378	17	61	120	172
5	Academia Sinica	5	107	698	Taiwan	Institution	1928	295	12	42	80	119
6	China Medical University Taiwan	6	130	808	Taiwan	Private	1958	103	14	34	52	65
7	National Taiwan University of Science & Technology	7	145	857	Taiwan	Public	1974	170	4	31	58	91
8	National Central University	8	148	874	Taiwan	Public	1915	213	8	30	68	95
9	Chang Gung University	9	151	881	Taiwan	Private	1987	172	5	30	56	70
10	Taipei Veterans General Hospital	10	206	1073	Taiwan	Hospital	1958	82	8	22	33	47
11	Chang Gung Memorial Hospital	11	210	1080	Taiwan	Hospital	1973	198	2	21	61	102
12	National Sun Yat Sen University	12	271	1288	Taiwan	Public	1924	170	8	16	46	68
13	Kaohsiung Medical University	13	276	1302	Taiwan	Private	1953	88	4	16	38	62
14	National Chung Hsing University	14	313	1449	Taiwan	Public	1919	178	1	13	48	73

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Taiwan Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
15	Taipei Medical University	15	316	1460	Taiwan	Private	1960	175	2	13	41	66
16	National Taiwan Normal University	16	319	1470	Taiwan	Public	1922	134	6	13	36	59
17	National Taipei University of Technology	17	341	1558	Taiwan	Public	1911	103	1	12	26	40
18	Chung Yuan Christian University	18	403	1766	Taiwan	Private	1955	65	2	10	18	28
19	National Synchrotron Radiation Research Center, Taiwan	19	446	1901	Taiwan	Private	1993	48	1	9	15	23
20	National Chung Cheng University	20	457	1941	Taiwan	Public	1989	140	0	8	27	40
21	National Taiwan Ocean University	21	473	1994	Taiwan	Public	1953	68	1	8	19	33
22	Feng Chia University	22	491	2039	Taiwan	Private	1961	53	0	8	14	20
23	Asia University Taiwan	23	496	2049	Taiwan	Private	2001	49	4	8	12	24
24	Tamkang University	24	518	2107	Taiwan	Private	1950	78	1	7	20	31
25	National Kaohsiung University of Science and Technology	25	520	2109	Taiwan	Public	2018	61	0	7	20	25
26	National Dong Hwa University	26	532	2146	Taiwan	Public	1957	57	1	7	15	25
27	Institute of Physics, Academia Sinica	27	554	2201	Taiwan	Institution	1949	30	2	7	11	15
28	Institute of Chemistry, Academia Sinica	28	556	2208	Taiwan	Institution	1989	20	1	7	11	13
29	Fu Jen Catholic University	29	609	2389	Taiwan	Private	1925	50	3	6	10	15

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Taiwan Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
30	National Health Research Institutes	30	611	2393	Taiwan	Institution	1995	40	0	6	10	18
31	Institute of Astronomy and Astrophysics, Academia Sinica	31	616	2405	Taiwan	Institution	2010	22	1	6	9	15
32	Yuan Ze University	32	647	2493	Taiwan	Private	1989	59	2	5	18	27
33	Ming Chi University of Technology	33	648	2495	Taiwan	Private	1963	80	1	5	17	32
34	National Yunlin University of Science & Technology	34	667	2549	Taiwan	Public	1991	52	0	5	13	22
35	Taiwan Semiconductor Manufacturing Company Ltd.	35	674	2559	Taiwan	Company	1987	58	2	5	13	16
36	Institute of Earth Sciences, Academia Sinica	36	693	2607	Taiwan	Institution	1949	24	2	5	11	17
37	National Ilan University	37	710	2643	Taiwan	Public	1926	43	0	5	9	16
38	Genomics Research Center, Academia Sinica	38	728	2689	Taiwan	Institution	1930	13	1	5	7	9
39	Tunghai University	39	748	2749	Taiwan	Private	1955	121	2	4	17	38
40	Institute of Information Science, Academia Sinica	40	752	2757	Taiwan	Institution	1982	50	0	4	17	24
41	Chung Shan Medical University	41	791	2832	Taiwan	Private	1960	41	0	4	12	16
42	National Defense Medical Center	42	874	3050	Taiwan	Hospital	1902	52	0	3	22	30

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Taiwan Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
43	National Changhua University of Education	43	898	3108	Taiwan	Public	1971	43	1	3	14	16
44	National Chengchi University	44	966	3268	Taiwan	Public	1927	79	0	3	8	17
45	I Shou University	45	974	3285	Taiwan	Private	1958	45	0	3	8	14
46	Institute of Biological Chemistry, Academia Sinica	46	1084	3578	Taiwan	Institution	2000	9	1	3	3	5
47	Research Center for Environmental Changes, Academia Sinica	47	1088	3592	Taiwan	Institution	2011	3	0	3	3	3
48	Institute of Biomedical Sciences, Academia Sinica	48	1135	3720	Taiwan	Institution	2010	32	0	2	9	11
49	Tzu Chi University	49	1144	3746	Taiwan	Private	1994	46	1	2	8	11
50	National Chi Nan University	50	1146	3752	Taiwan	Public	1995	46	0	2	8	12
51	National Chin Yi University of Technology	51	1221	3965	Taiwan	Public	1971	34	0	2	5	7
52	Buddhist Tzu Chi General Hospital	52	1223	3970	Taiwan	Hospital	1913	35	1	2	5	9
53	Chung Hua University	53	1237	4005	Taiwan	Private	1990	64	0	2	4	10
54	National Taipei University	54	1296	4180	Taiwan	Public	1949	47	1	2	3	6
55	Research Center for Information Technology Innovation, Academia Sinica	55	1308	4216	Taiwan	Institution	2007	12	0	2	3	5

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56	Cathay General Hospital	56	1317	4242	Taiwan	Hospital	1977	10	0	2	3	4
57	Chia Nan University of Pharmacy & Science	57	1319	4247	Taiwan	Private	1974	13	0	2	3	4
58	Institute of Molecular Biology, Academia Sinica	58	1358	4343	Taiwan	Institution	2010	13	0	2	2	3
59	Chinese Culture University	59	1369	4370	Taiwan	Private	1962	39	0	2	2	3
60	National University of Kaohsiung	60	1460	4602	Taiwan	Public	2000	39	1	1	6	12
61	Chaoyang University of Technology	61	1482	4653	Taiwan	Private	1994	100	0	1	5	18
62	National Chiayi University	62	1551	4830	Taiwan	Public	2000	42	0	1	4	7
63	Taipei Municipal University of Education	63	1567	4871	Taiwan	Public	2013	39	0	1	4	8
64	National University of Tainan	64	1574	4896	Taiwan	Public	1898	36	0	1	4	8
65	Providence University	65	1585	4922	Taiwan	Private	1956	39	0	1	4	5
66	Institute of Statistical Science, Academia Sinica	66	1588	4925	Taiwan	Institution	1991	16	0	1	4	8
67	Southern Taiwan University of Science & Technology	67	1620	5025	Taiwan	Private	1964	39	0	1	3	6
68	Ming Chuan University	68	1622	5027	Taiwan	Private	1957	41	0	1	3	7
69	Institute of Plant and Microbial Biology, Academia Sinica	69	1688	5161	Taiwan	Institution	1997	9	0	1	3	6

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70	Institute of Cellular and Organismic Biology, Academia Sinica	70	1712	5204	Taiwan	Institution	1989	6	0	1	3	4
71	National United University	71	1744	5306	Taiwan	Public	1972	33	1	1	2	6
72	Institute of Atomic and Molecular Sciences, Academia Sinica	72	1860	5577	Taiwan	Institution	1995	7	0	1	2	3
73	Mackay Medical College	73	1941	5754	Taiwan	Private	2009	11	0	1	1	4
74	Chang Jung Christian University	74	1979	5832	Taiwan	Private	1966	22	1	1	1	3
75	National Penghu University of Science & Technology	75	2030	5932	Taiwan	Public	1995	11	1	1	1	3
76	Lunghwa University of Science & Technology	76	2087	6060	Taiwan	Private	1969	9	1	1	1	1
77	National Kaohsiung Marine University	77	2136	6152	Taiwan	Public	1946	2	0	1	1	2
78	Advanced Semiconductor Engineering Inc	78	2139	6163	Taiwan	Company	1984	2	0	1	1	1
79	National Defence University Taiwan	79	2143	6173	Taiwan	Public	2007	15	0	1	1	1
80	Kao Yuan University	80	2194	6264	Taiwan	Private	1986	6	0	1	1	1
81	ALPS Biotechnology Co. Ltd	81	2267	6435	Taiwan	Company	1947	1	0	1	1	1
82	National Taichung University of Science & Technology	82	2340	6661	Taiwan	Public	1919	33	0	0	4	7

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83	National Pingtung University of Science & Technology	83	2363	6732	Taiwan	Public	1924	43	0	0	3	6
84	National Kaohsiung Normal University	84	2495	7063	Taiwan	Public	1967	29	0	0	2	2
85	National Formosa University	85	2505	7084	Taiwan	Public	1980	29	0	0	2	4
86	Soochow University Taiwan	86	2521	7128	Taiwan	Private	1951	50	0	0	2	4
87	Cheng Shiu University	87	2541	7174	Taiwan	Private	1965	13	0	0	2	6
88	National Taitung University	88	2575	7245	Taiwan	Public	1918	20	0	0	2	5
89	Institute of Linguistics, Academia Sinica	89	2651	7416	Taiwan	Institution	2000	4	0	0	2	2
90	Tainan University of Technology	90	2653	7419	Taiwan	Private	1964	11	0	0	2	2
91	National Taiwan University of Sport	91	2656	7422	Taiwan	Public	1961	5	0	0	2	2
92	National Taichung University	92	2844	7925	Taiwan	Public	1899	28	0	0	1	2
93	National Kaohsiung First University of Science and Technology	93	2984	8237	Taiwan	Public	1995	43	0	0	1	2
94	Hung Kuang University	94	2995	8254	Taiwan	Private	1964	12	0	0	1	3
95	China University of Technology Taiwan	95	3131	8570	Taiwan	Private	1905	8	0	0	1	1
96	Tzu Chi University of Science and Technology	96	3164	8627	Taiwan	Private	1989	6	0	0	1	2

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97	Inventec	97	3173	8645	Taiwan	Company	1975	5	0	0	1	2
98	ASUSTeK Computer Inc.	98	3298	8909	Taiwan	Company	1989	7	0	0	1	1
99	National Taiwan Sport University	99	3319	8949	Taiwan	Public	1987	12	0	0	1	1
100	Huafan University	100	3324	8963	Taiwan	Private	1990	4	0	0	1	1
101	Ta Hwa University of Science & Technology	101	3348	9021	Taiwan	Private	1967	2	0	0	1	1
102	Vanung University	102	3431	9160	Taiwan	Private	1961	2	0	0	1	1
103	St Mary's Medicine Nursing and Management College	103	3457	9213	Taiwan	Private	1964	2	0	0	1	1
104	Da Yeh University	104	3521	9412	Taiwan	Private	1911	25	0	0	0	4
105	National Taipei University of Nursing and Health Sciences	105	3534	9446	Taiwan	Public	1947	23	0	0	0	4
106	Institute of Economics, Academia Sinica	106	3575	9544	Taiwan	Institution	1962	9	0	0	0	3
107	National Taipei University of Education	107	3619	9638	Taiwan	Public	1895	25	0	0	0	1
108	National Kaohsiung University of Hospitality and Tourism	108	3645	9687	Taiwan	Public	1995	22	0	0	0	2
109	Tatung University	109	3757	9938	Taiwan	Private	1999	21	0	0	0	0
110	National Quemoy University	110	3768	9958	Taiwan	Public	2007	14	0	0	0	2
111	Chang Gung University of Science & Technology	111	3803	10042	Taiwan	Private	1917	15	0	0	0	1

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112	National Taipei University of Business	112	3898	10246	Taiwan	Public	1917	19	0	0	0	2
113	National Pingtung University	113	3930	10303	Taiwan	Public	1940	21	0	0	0	0
114	Ling Tung University	114	4077	10616	Taiwan	Private	1964	13	0	0	0	1
115	National Kaohsiung University of Applied Sciences	115	4095	10653	Taiwan	Public	1963	5	0	0	0	1
116	Chung Hwa University of Medical Technology	116	4165	10794	Taiwan	Private	1968	6	0	0	0	2
117	Kainan University	117	4383	11281	Taiwan	Private	1917	16	0	0	0	0
118	Central Taiwan University of Science & Technology	118	4385	11283	Taiwan	Private	1897	13	0	0	0	0
119	Fooyin University	119	4600	11679	Taiwan	Private	1958	10	0	0	0	0
120	Wufeng University	120	4661	11800	Taiwan	Public	1965	6	0	0	0	0
121	Naval Academy Taiwan	121	4665	11810	Taiwan	Public	1946	4	0	0	0	0
122	National Taiwan University of Arts	122	4672	11825	Taiwan	Public	1955	5	0	0	0	1
123	Minghsin University of Science and Technology	123	4773	11994	Taiwan	Private	1965	11	0	0	0	0
124	Overseas Chinese University	124	4812	12062	Taiwan	Public	1964	7	0	0	0	0
125	Shu-Te University	125	4822	12080	Taiwan	Private	1997	14	0	0	0	1
126	Yuanpei University of Medical Technology	126	4889	12199	Taiwan	Private	1964	7	0	0	0	1
127	Hwa Hsia University of Technology	127	4896	12217	Taiwan	Private	1966	6	0	0	0	1
128	Mingdao University	128	4899	12222	Taiwan	Private	2001	6	0	0	0	0

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129	National Applied Research Laboratories	129	4911	12247	Taiwan	Institution	2003	4	0	0	0	0
130	Tungnan University	130	4929	12273	Taiwan	Private	1970	9	0	0	0	1
131	Jinwen University of Science & Technology	131	4949	12316	Taiwan	Private	1986	6	0	0	0	0
132	TransWorld University	132	4955	12326	Taiwan	Private	1992	6	0	0	0	0
133	Chienkuo Technology University	133	4974	12372	Taiwan	Private	1965	3	0	0	0	0
134	Shih Hsin University	134	5038	12540	Taiwan	Private	1955	20	0	0	0	0
135	Kun Shan University	135	5055	12567	Taiwan	Private	1965	14	0	0	0	1
136	Oriental Institute of Technology	136	5142	12715	Taiwan	Private	1968	6	0	0	0	0
137	Chien Hsin University of Science and Technology	137	5255	12924	Taiwan	Private	1966	6	0	0	0	1
138	Mackay Junior College of Medicine Nursing and Management	138	5276	12975	Taiwan	Private	1970	4	0	0	0	0
139	National Taitung Junior College	139	5407	13211	Taiwan	Public	1928	2	0	0	0	0
140	Institute of Sociology, Academia Sinica	140	5418	13234	Taiwan	Institution		1	0	0	0	1
141	Taiwan Shoufu University	141	5463	13366	Taiwan	Public	2000	1	0	0	0	0
142	Nanhua University Taiwan	142	5573	13576	Taiwan	Private	1996	19	0	0	0	0
143	Aletheia University	143	5745	13861	Taiwan	Private	1882	11	0	0	0	0
144	GlobalWafers	144	5809	13992	Taiwan	Company	2011	5	0	0	0	0
145	Saint John's University Taiwan	145	5819	14008	Taiwan	Private	1967	6	0	0	0	0

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146	Chung-Hua Institution for Economic Research	146	5822	14012	Taiwan	Institution	1981	5	0	0	0	0
147	Central Police University	147	6016	14332	Taiwan	Public	1936	11	0	0	0	0
148	Taiwan Police College	148	6230	14769	Taiwan	Public	1945	2	0	0	0	0
149	Wenzao Ursuline University of Languages	149	6649	15440	Taiwan	Private	1966	10	0	0	0	0
150	Fo Guang University	150	6763	15638	Taiwan	Public	2000	11	0	0	0	0
151	Chihlee University of Technology	151	6818	15742	Taiwan	Public	1965	6	0	0	0	0
152	Tajen University	152	6838	15779	Taiwan	Private	1966	6	0	0	0	0
153	Chinese Military Academy Taiwan	153	7088	16282	Taiwan	Public	1924	3	0	0	0	0
154	China University of Science and Technology	154	7123	16352	Taiwan	Private	1968	2	0	0	0	0
155	Hsing Wu University	155	7141	16384	Taiwan	Private	1965	2	0	0	0	0
156	Taipei National University of the Arts	156	7219	16512	Taiwan	Public	1982	6	0	0	0	0
157	Dharma Drum Institute of Liberal Arts	157	7229	16532	Taiwan	Private	2014	5	0	0	0	0
158	Chung Chou University of Science and Technology	158	7310	16708	Taiwan	Private	1969	2	0	0	0	0
159	Kang-Ning Junior College of Medical Care and Management	159	7390	16921	Taiwan	Private	1968	1	0	0	0	0

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160	Institute of Statistical Mathematics, Academia Sinica	160	7397	16939	Taiwan	Institution	1949	1	0	0	0	0
161	Quanta Computer	161	7432	17031	Taiwan	Company	1988	1	0	0	0	0
162	Novatek	162	7437	17049	Taiwan	Company	2010	1	0	0	0	0
163	Shih Chien University	163	7700	17389	Taiwan	Private	1958	11	0	0	0	0
164	Hsiuping University of Science & Technology	164	8101	17953	Taiwan	Private	1949	8	0	0	0	0
165	Hsuan Chuang University	165	8164	18059	Taiwan	Private	1997	5	0	0	0	0
166	National Tainan Junior College of Nursing	166	8190	18104	Taiwan	Public	1952	4	0	0	0	0
167	Tainan National University of the Arts	167	8614	18750	Taiwan	Public	1996	3	0	0	0	0
168	Far East University Taiwan	168	8615	18752	Taiwan	Private	1954	3	0	0	0	0
169	The Republic of China Air Force Academy	169	8651	18826	Taiwan	Public	1928	2	0	0	0	0
170	Takming University of Science & Technology	170	9139	19566	Taiwan	Private	1918	4	0	0	0	0
171	Meiho University	171	9254	19781	Taiwan	Private	1966	3	0	0	0	0
172	Realtek Semiconductor Corporation	172	9388	20026	Taiwan	Company	1987	2	0	0	0	0
173	Taipei Chengshih University of Science & Technology	173	9552	20332	Taiwan	Public	1971	1	0	0	0	0
174	Institute of History and Philology, Academia Sinica	174	9616	20482	Taiwan	Institution	1970	1	0	0	0	0

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Taiwan Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
175	Chihlee Institute of Technology	175	10143	21249	Taiwan	Private	1965	4	0	0	0	0
176	Wistron	176	10485	21801	Taiwan	Company	2000	2	0	0	0	0
177	Taipei University of Marine Technology	177	10623	22018	Taiwan	Private	1965	2	0	0	0	0
178	United Microelectronics	178	10704	22182	Taiwan	Company	1980	1	0	0	0	0
179	Winbond Electronics Corp.	179	10711	22195	Taiwan	Company	1987	1	0	0	0	0
180	Formosa Plastics	180	10760	22299	Taiwan	Company	1954	1	0	0	0	0
181	PEGATRON corp.	181	11045	22838	Taiwan	Company	2008	1	0	0	0	0

Table III. All Universities in Taiwan top 10.000

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Taiwan Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	National Taiwan University	1	21	195	Taiwan	Public	1945	889	40	158	307	445
2	National Cheng Kung University	2	55	396	Taiwan	Public	1931	369	12	75	158	221
3	National Yang Ming Chiao Tung University	3	65	431	Taiwan	Public	2021	422	10	68	132	216
4	National Tsing Hua University Taiwan	4	75	467	Taiwan	Public	1911	378	17	61	120	172
5	China Medical University Taiwan	5	124	685	Taiwan	Private	1958	103	14	34	52	65
6	National Taiwan University of Science & Technology	6	137	718	Taiwan	Public	1974	170	4	31	58	91
7	National Central University	7	140	726	Taiwan	Public	1915	213	8	30	68	95
8	Chang Gung University	8	142	731	Taiwan	Private	1987	172	5	30	56	70
9	National Sun Yat Sen University	9	236	1002	Taiwan	Public	1924	170	8	16	46	68
10	Kaohsiung Medical University	10	241	1012	Taiwan	Private	1953	88	4	16	38	62
11	National Chung Hsing University	11	266	1086	Taiwan	Public	1919	178	1	13	48	73
12	Taipei Medical University	12	269	1096	Taiwan	Private	1960	175	2	13	41	66
13	National Taiwan Normal University	13	272	1105	Taiwan	Public	1922	134	6	13	36	59

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Taiwan Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
14	National Taipei University of Technology	14	288	1158	Taiwan	Public	1911	103	1	12	26	40
15	Chung Yuan Christian University	15	335	1273	Taiwan	Private	1955	65	2	10	18	28
16	National Synchrotron Radiation Research Center, Taiwan	16	371	1358	Taiwan	Private	1993	48	1	9	15	23
17	National Chung Cheng University	17	378	1378	Taiwan	Public	1989	140	0	8	27	40
18	National Taiwan Ocean University	18	392	1419	Taiwan	Public	1953	68	1	8	19	33
19	Feng Chia University	19	408	1449	Taiwan	Private	1961	53	0	8	14	20
20	Asia University Taiwan	20	413	1456	Taiwan	Private	2001	49	4	8	12	24
21	Tamkang University	21	428	1491	Taiwan	Private	1950	78	1	7	20	31
22	National Kaohsiung University of Science and Technology	22	429	1492	Taiwan	Public	2018	61	0	7	20	25
23	National Dong Hwa University	23	438	1518	Taiwan	Public	1957	57	1	7	15	25
24	Fu Jen Catholic University	24	478	1631	Taiwan	Private	1925	50	3	6	10	15
25	Yuan Ze University	25	504	1692	Taiwan	Private	1989	59	2	5	18	27
26	Ming Chi University of Technology	26	505	1694	Taiwan	Private	1963	80	1	5	17	32
27	National Yunlin University of Science & Technology	27	520	1731	Taiwan	Public	1991	52	0	5	13	22
28	National Ilan University	28	549	1786	Taiwan	Public	1926	43	0	5	9	16

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Taiwan Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
29	Tunghai University	29	573	1837	Taiwan	Private	1955	121	2	4	17	38
30	Chung Shan Medical University	30	608	1899	Taiwan	Private	1960	41	0	4	12	16
31	National Changhua University of Education	31	682	2066	Taiwan	Public	1971	43	1	3	14	16
32	National Chengchi University	32	734	2173	Taiwan	Public	1927	79	0	3	8	17
33	I Shou University	33	741	2186	Taiwan	Private	1958	45	0	3	8	14
34	Tzu Chi University	34	868	2474	Taiwan	Private	1994	46	1	2	8	11
35	National Chi Nan University	35	870	2478	Taiwan	Public	1995	46	0	2	8	12
36	National Chin Yi University of Technology	36	928	2631	Taiwan	Public	1971	34	0	2	5	7
37	Chung Hua University	37	938	2651	Taiwan	Private	1990	64	0	2	4	10
38	National Taipei University	38	984	2766	Taiwan	Public	1949	47	1	2	3	6
39	Chia Nan University of Pharmacy & Science	39	1000	2810	Taiwan	Private	1974	13	0	2	3	4
40	Chinese Culture University	40	1034	2876	Taiwan	Private	1962	39	0	2	2	3
41	National University of Kaohsiung	41	1109	3028	Taiwan	Public	2000	39	1	1	6	12
42	Chaoyang University of Technology	42	1128	3064	Taiwan	Private	1994	100	0	1	5	18
43	National Chiayi University	43	1182	3186	Taiwan	Public	2000	42	0	1	4	7

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Taiwan Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
44	Taipei Municipal University of Education	44	1194	3216	Taiwan	Public	2013	39	0	1	4	8
45	National University of Tainan	45	1198	3232	Taiwan	Public	1898	36	0	1	4	8
46	Providence University	46	1205	3245	Taiwan	Private	1956	39	0	1	4	5
47	Southern Taiwan University of Science & Technology	47	1228	3313	Taiwan	Private	1964	39	0	1	3	6
48	Ming Chuan University	48	1230	3315	Taiwan	Private	1957	41	0	1	3	7
49	National United University	49	1327	3515	Taiwan	Public	1972	33	1	1	2	6
50	Mackay Medical College	50	1480	3821	Taiwan	Private	2009	11	0	1	1	4
51	Chang Jung Christian University	51	1511	3879	Taiwan	Private	1966	22	1	1	1	3
52	National Penghu University of Science & Technology	52	1552	3949	Taiwan	Public	1995	11	1	1	1	3
53	Lunghwa University of Science & Technology	53	1601	4041	Taiwan	Private	1969	9	1	1	1	1
54	National Kaohsiung Marine University	54	1644	4101	Taiwan	Public	1946	2	0	1	1	2
55	National Defence University Taiwan	55	1647	4108	Taiwan	Public	2007	15	0	1	1	1
56	Kao Yuan University	56	1691	4182	Taiwan	Private	1986	6	0	1	1	1
57	National Taichung University of Science & Technology	57	1813	4448	Taiwan	Public	1919	33	0	0	4	7

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Taiwan Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
58	National Pingtung University of Science & Technology	58	1830	4495	Taiwan	Public	1924	43	0	0	3	6
59	National Kaohsiung Normal University	59	1937	4732	Taiwan	Public	1967	29	0	0	2	2
60	National Formosa University	60	1947	4752	Taiwan	Public	1980	29	0	0	2	4
61	Soochow University Taiwan	61	1961	4785	Taiwan	Private	1951	50	0	0	2	4
62	Cheng Shiu University	62	1978	4824	Taiwan	Private	1965	13	0	0	2	6
63	National Taitung University	63	2004	4873	Taiwan	Public	1918	20	0	0	2	5
64	Tainan University of Technology	64	2069	4991	Taiwan	Private	1964	11	0	0	2	2
65	National Taiwan University of Sport	65	2071	4993	Taiwan	Public	1961	5	0	0	2	2
66	National Taichung University	66	2231	5391	Taiwan	Public	1899	28	0	0	1	2
67	National Kaohsiung First University of Science and Technology	67	2355	5625	Taiwan	Public	1995	43	0	0	1	2
68	Hung Kuang University	68	2365	5640	Taiwan	Private	1964	12	0	0	1	3
69	China University of Technology Taiwan	69	2485	5885	Taiwan	Private	1905	8	0	0	1	1
70	Tzu Chi University of Science and Technology	70	2511	5920	Taiwan	Private	1989	6	0	0	1	2

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Taiwan Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
71	National Taiwan Sport University	71	2645	6160	Taiwan	Public	1987	12	0	0	1	1
72	Huafan University	72	2650	6172	Taiwan	Private	1990	4	0	0	1	1
73	Ta Hwa University of Science & Technology	73	2668	6210	Taiwan	Private	1967	2	0	0	1	1
74	Vanung University	74	2741	6326	Taiwan	Private	1961	2	0	0	1	1
75	St Mary's Medicine Nursing and Management College	75	2763	6366	Taiwan	Private	1964	2	0	0	1	1
76	Da Yeh University	76	2816	6484	Taiwan	Private	1911	25	0	0	0	4
77	National Taipei University of Nursing and Health Sciences	77	2827	6511	Taiwan	Public	1947	23	0	0	0	4
78	National Taipei University of Education	78	2901	6670	Taiwan	Public	1895	25	0	0	0	1
79	National Kaohsiung University of Hospitality and Tourism	79	2923	6708	Taiwan	Public	1995	22	0	0	0	2
80	Tatung University	80	3030	6920	Taiwan	Private	1999	21	0	0	0	0
81	National Quemoy University	81	3040	6935	Taiwan	Public	2007	14	0	0	0	2
82	Chang Gung University of Science & Technology	82	3071	7000	Taiwan	Private	1917	15	0	0	0	1
83	National Taipei University of Business	83	3156	7158	Taiwan	Public	1917	19	0	0	0	2
84	National Pingtung University	84	3186	7211	Taiwan	Public	1940	21	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Taiwan Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
85	Ling Tung University	85	3317	7470	Taiwan	Private	1964	13	0	0	0	1
86	National Kaohsiung University of Applied Sciences	86	3333	7497	Taiwan	Public	1963	5	0	0	0	1
87	Chung Hwa University of Medical Technology	87	3391	7607	Taiwan	Private	1968	6	0	0	0	2
88	Kainan University	88	3585	7985	Taiwan	Private	1917	16	0	0	0	0
89	Central Taiwan University of Science & Technology	89	3587	7987	Taiwan	Private	1897	13	0	0	0	0
90	Fooyin University	90	3788	8326	Taiwan	Private	1958	10	0	0	0	0
91	Wufeng University	91	3844	8423	Taiwan	Public	1965	6	0	0	0	0
92	Naval Academy Taiwan	92	3848	8429	Taiwan	Public	1946	4	0	0	0	0
93	National Taiwan University of Arts	93	3855	8438	Taiwan	Public	1955	5	0	0	0	1
94	Minghsin University of Science and Technology	94	3946	8576	Taiwan	Private	1965	11	0	0	0	0
95	Overseas Chinese University	95	3983	8638	Taiwan	Public	1964	7	0	0	0	0
96	Shu-Te University	96	3991	8653	Taiwan	Private	1997	14	0	0	0	1
97	Yuanpei University of Medical Technology	97	4052	8757	Taiwan	Private	1964	7	0	0	0	1
98	Hwa Hsia University of Technology	98	4058	8772	Taiwan	Private	1966	6	0	0	0	1
99	Mingdao University	99	4061	8776	Taiwan	Private	2001	6	0	0	0	0
100	Tungnan University	100	4085	8817	Taiwan	Private	1970	9	0	0	0	1
101	Jinwen University of Science & Technology	101	4103	8853	Taiwan	Private	1986	6	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Taiwan Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
102	TransWorld University	102	4109	8862	Taiwan	Private	1992	6	0	0	0	0
103	Chienkuo Technology University	103	4123	8890	Taiwan	Private	1965	3	0	0	0	0
104	Shih Hsin University	104	4174	8993	Taiwan	Private	1955	20	0	0	0	0
105	Kun Shan University	105	4191	9020	Taiwan	Private	1965	14	0	0	0	1
106	Oriental Institute of Technology	106	4274	9157	Taiwan	Private	1968	6	0	0	0	0
107	Chien Hsin University of Science and Technology	107	4380	9348	Taiwan	Private	1966	6	0	0	0	1
108	Mackay Junior College of Medicine Nursing and Management	108	4399	9388	Taiwan	Private	1970	4	0	0	0	0
109	National Taitung Junior College	109	4504	9571	Taiwan	Public	1928	2	0	0	0	0
110	Taiwan Shoufu University	110	4537	9635	Taiwan	Public	2000	1	0	0	0	0
111	Nanhua University Taiwan	111	4628	9781	Taiwan	Private	1996	19	0	0	0	0
112	Aletheia University	112	4791	10038	Taiwan	Private	1882	11	0	0	0	0
113	Saint John's University Taiwan	113	4856	10166	Taiwan	Private	1967	6	0	0	0	0
114	Central Police University	114	5041	10456	Taiwan	Public	1936	11	0	0	0	0
115	Taiwan Police College	115	5241	10826	Taiwan	Public	1945	2	0	0	0	0
116	Wenzao Ursuline University of Languages	116	5638	11427	Taiwan	Private	1966	10	0	0	0	0
117	Fo Guang University	117	5743	11596	Taiwan	Public	2000	11	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Taiwan Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
118	Chihlee University of Technology	118	5797	11696	Taiwan	Public	1965	6	0	0	0	0
119	Tajen University	119	5815	11728	Taiwan	Private	1966	6	0	0	0	0
120	Chinese Military Academy Taiwan	120	6047	12169	Taiwan	Public	1924	3	0	0	0	0
121	China University of Science and Technology	121	6069	12204	Taiwan	Private	1968	2	0	0	0	0
122	Hsing Wu University	122	6077	12216	Taiwan	Private	1965	2	0	0	0	0
123	Taipei National University of the Arts	123	6152	12335	Taiwan	Public	1982	6	0	0	0	0
124	Dharma Drum Institute of Liberal Arts	124	6162	12355	Taiwan	Private	2014	5	0	0	0	0
125	Chung Chou University of Science and Technology	125	6233	12505	Taiwan	Private	1969	2	0	0	0	0
126	Kang-Ning Junior College of Medical Care and Management	126	6284	12617	Taiwan	Private	1968	1	0	0	0	0
127	Shih Chien University	127	6559	12966	Taiwan	Private	1958	11	0	0	0	0
128	Hsiuping University of Science & Technology	128	6947	13496	Taiwan	Private	1949	8	0	0	0	0
129	Hsuan Chuang University	129	7007	13597	Taiwan	Private	1997	5	0	0	0	0
130	National Tainan Junior College of Nursing	130	7031	13637	Taiwan	Public	1952	4	0	0	0	0
131	Tainan National University of the Arts	131	7433	14237	Taiwan	Public	1996	3	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded		Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
132	Far East University Taiwan	132	7434	14239	Taiwan	Private	1954	3	0	0	0	0
133	The Republic of China Air Force Academy	133	7464	14292	Taiwan	Public	1928	2	0	0	0	0
134	Takming University of Science & Technology	134	7930	14980	Taiwan	Private	1918	4	0	0	0	0
135	Meiho University	135	8041	15184	Taiwan	Private	1966	3	0	0	0	0
136	Taipei Chengshih University of Science & Technology	136	8280	15560	Taiwan	Public	1971	1	0	0	0	0
137	Chihlee Institute of Technology	137	8811	16297	Taiwan	Private	1965	4	0	0	0	0
138	Taipei University of Marine Technology	138	9253	16985	Taiwan	Private	1965	2	0	0	0	0

Table IV. Public Universities in Taiwan top 10.000

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Taiwan Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	National Taiwan University	1	20	168	Taiwan	1945	889	40	158	307	445
2	National Cheng Kung University	2	49	347	Taiwan	1931	369	12	75	158	221
3	National Yang Ming Chiao Tung University	3	58	380	Taiwan	2021	422	10	68	132	216
4	National Tsing Hua University Taiwan	4	68	414	Taiwan	1911	378	17	61	120	172
5	National Taiwan University of Science & Technology	5	120	637	Taiwan	1974	170	4	31	58	91
6	National Central University	6	123	644	Taiwan	1915	213	8	30	68	95
7	National Sun Yat Sen University	7	200	875	Taiwan	1924	170	8	16	46	68
8	National Chung Hsing University	8	225	945	Taiwan	1919	178	1	13	48	73
9	National Taiwan Normal University	9	230	961	Taiwan	1922	134	6	13	36	59
10	National Taipei University of Technology	10	243	1004	Taiwan	1911	103	1	12	26	40
11	National Chung Cheng University	11	313	1176	Taiwan	1989	140	0	8	27	40
12	National Taiwan Ocean University	12	322	1209	Taiwan	1953	68	1	8	19	33
13	National Kaohsiung University of Science and Technology	13	350	1264	Taiwan	2018	61	0	7	20	25
14	National Dong Hwa University	14	358	1283	Taiwan	1957	57	1	7	15	25

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Taiwan Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
15	National Yunlin University of Science & Technology	15	420	1446	Taiwan	1991	52	0	5	13	22
16	National Ilan University	16	444	1487	Taiwan	1926	43	0	5	9	16
17	National Changhua University of Education	17	542	1696	Taiwan	1971	43	1	3	14	16
18	National Chengchi University	18	580	1777	Taiwan	1927	79	0	3	8	17
19	National Chi Nan University	19	674	1996	Taiwan	1995	46	0	2	8	12
20	National Chin Yi University of Technology	20	715	2095	Taiwan	1971	34	0	2	5	7
21	National Taipei University	21	750	2185	Taiwan	1949	47	1	2	3	6
22	National University of Kaohsiung	22	827	2354	Taiwan	2000	39	1	1	6	12
23	National Chiayi University	23	881	2471	Taiwan	2000	42	0	1	4	7
24	Taipei Municipal University of Education	24	890	2495	Taiwan	2013	39	0	1	4	8
25	National University of Tainan	25	893	2505	Taiwan	1898	36	0	1	4	8
26	National United University	26	971	2684	Taiwan	1972	33	1	1	2	6
27	National Penghu University of Science & Technology	27	1097	2936	Taiwan	1995	11	1	1	1	3
28	National Kaohsiung Marine University	28	1135	3013	Taiwan	1946	2	0	1	1	2
29	National Defence University Taiwan	29	1137	3018	Taiwan	2007	15	0	1	1	1
30	National Taichung University of Science & Technology	30	1220	3216	Taiwan	1919	33	0	0	4	7
31	National Pingtung University of Science & Technology	31	1230	3249	Taiwan	1924	43	0	0	3	6
32	National Kaohsiung Normal University	32	1292	3401	Taiwan	1967	29	0	0	2	2
33	National Formosa University	33	1297	3412	Taiwan	1980	29	0	0	2	4

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Taiwan Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
34	National Taitung University	34	1329	3487	Taiwan	1918	20	0	0	2	5
35	National Taiwan University of Sport	35	1368	3550	Taiwan	1961	5	0	0	2	2
36	National Taichung University	36	1459	3810	Taiwan	1899	28	0	0	1	2
37	National Kaohsiung First University of Science and Technology	37	1527	3944	Taiwan	1995	43	0	0	1	2
38	National Taiwan Sport University	38	1646	4195	Taiwan	1987	12	0	0	1	1
39	National Taipei University of Nursing and Health Sciences	39	1717	4367	Taiwan	1947	23	0	0	0	4
40	National Taipei University of Education	40	1757	4469	Taiwan	1895	25	0	0	0	1
41	National Kaohsiung University of Hospitality and Tourism	41	1771	4493	Taiwan	1995	22	0	0	0	2
42	National Quemoy University	42	1822	4615	Taiwan	2007	14	0	0	0	2
43	National Taipei University of Business	43	1894	4750	Taiwan	1917	19	0	0	0	2
44	National Pingtung University	44	1908	4777	Taiwan	1940	21	0	0	0	0
45	National Kaohsiung University of Applied Sciences	45	1977	4921	Taiwan	1963	5	0	0	0	1
46	Wufeng University	46	2224	5427	Taiwan	1965	6	0	0	0	0
47	Naval Academy Taiwan	47	2228	5432	Taiwan	1946	4	0	0	0	0
48	National Taiwan University of Arts	48	2231	5437	Taiwan	1955	5	0	0	0	1
49	Overseas Chinese University	49	2288	5543	Taiwan	1964	7	0	0	0	0
50	National Taitung Junior College	50	2513	5966	Taiwan	1928	2	0	0	0	0
51	Taiwan Shoufu University	51	2527	5998	Taiwan	2000	1	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Taiwan Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
52	Central Police University	52	2754	6405	Taiwan	1936	11	0	0	0	0
53	Taiwan Police College	53	2851	6593	Taiwan	1945	2	0	0	0	0
54	Fo Guang University	54	3061	6951	Taiwan	2000	11	0	0	0	0
55	Chihlee University of Technology	55	3088	6999	Taiwan	1965	6	0	0	0	0
56	Chinese Military Academy Taiwan	56	3195	7220	Taiwan	1924	3	0	0	0	0
57	Taipei National University of the Arts	57	3243	7301	Taiwan	1982	6	0	0	0	0
58	National Tainan Junior College of Nursing	58	3589	7860	Taiwan	1952	4	0	0	0	0
59	Tainan National University of the Arts	59	3737	8104	Taiwan	1996	3	0	0	0	0
60	The Republic of China Air Force Academy	60	3745	8126	Taiwan	1928	2	0	0	0	0
61	Taipei Chengshih University of Science & Technology	61	4070	8706	Taiwan	1971	1	0	0	0	0

Table V. Private Universities in Taiwan top 10.000

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Taiwan Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	China Medical University Taiwan	1	15	76	Taiwan	1958	103	14	34	52	65
2	Chang Gung University	2	18	84	Taiwan	1987	172	5	30	56	70
3	Kaohsiung Medical University	3	37	129	Taiwan	1953	88	4	16	38	62
4	Taipei Medical University	4	42	142	Taiwan	1960	175	2	13	41	66
5	Chung Yuan Christian University	5	51	174	Taiwan	1955	65	2	10	18	28
6	National Synchrotron Radiation Research Center, Taiwan	6	63	199	Taiwan	1993	48	1	9	15	23
7	Feng Chia University	7	74	217	Taiwan	1961	53	0	8	14	20
8	Asia University Taiwan	8	76	220	Taiwan	2001	49	4	8	12	24
9	Tamkang University	9	79	228	Taiwan	1950	78	1	7	20	31
10	Fu Jen Catholic University	10	90	265	Taiwan	1925	50	3	6	10	15
11	Yuan Ze University	11	94	271	Taiwan	1989	59	2	5	18	27
12	Ming Chi University of Technology	12	95	272	Taiwan	1963	80	1	5	17	32
13	Tunghai University	13	110	308	Taiwan	1955	121	2	4	17	38
14	Chung Shan Medical University	14	122	323	Taiwan	1960	41	0	4	12	16
15	I Shou University	15	158	402	Taiwan	1958	45	0	3	8	14
16	Tzu Chi University	16	195	480	Taiwan	1994	46	1	2	8	11
17	Chung Hua University	17	216	543	Taiwan	1990	64	0	2	4	10
18	Chia Nan University of Pharmacy & Science	18	241	599	Taiwan	1974	13	0	2	3	4
19	Chinese Culture University	19	257	626	Taiwan	1962	39	0	2	2	3

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Taiwan Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
20	Chaoyang University of Technology	20	290	686	Taiwan	1994	100	0	1	5	18
21	Providence University	21	307	733	Taiwan	1956	39	0	1	4	5
22	Southern Taiwan University of Science & Technology	22	316	758	Taiwan	1964	39	0	1	3	6
23	Ming Chuan University	23	317	759	Taiwan	1957	41	0	1	3	7
24	Mackay Medical College	24	421	960	Taiwan	2009	11	0	1	1	4
25	Chang Jung Christian University	25	435	983	Taiwan	1966	22	1	1	1	3
26	Lunghwa University of Science & Technology	26	484	1058	Taiwan	1969	9	1	1	1	1
27	Kao Yuan University	27	538	1134	Taiwan	1986	6	0	1	1	1
28	Soochow University Taiwan	28	656	1352	Taiwan	1951	50	0	0	2	4
29	Cheng Shiu University	29	664	1371	Taiwan	1965	13	0	0	2	6
30	Tainan University of Technology	30	702	1442	Taiwan	1964	11	0	0	2	2
31	Hung Kuang University	31	832	1688	Taiwan	1964	12	0	0	1	3
32	China University of Technology Taiwan	32	903	1810	Taiwan	1905	8	0	0	1	1
33	Tzu Chi University of Science and Technology	33	917	1831	Taiwan	1989	6	0	0	1	2
34	Huafan University	34	1000	1970	Taiwan	1990	4	0	0	1	1
35	Ta Hwa University of Science & Technology	35	1013	1993	Taiwan	1967	2	0	0	1	1
36	Vanung University	36	1065	2069	Taiwan	1961	2	0	0	1	1
37	St Mary's Medicine Nursing and Management College	37	1080	2093	Taiwan	1964	2	0	0	1	1
38	Da Yeh University	38	1106	2133	Taiwan	1911	25	0	0	0	4
39	Tatung University	39	1212	2312	Taiwan	1999	21	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Taiwan Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
40	Chang Gung University of Science & Technology	40	1231	2350	Taiwan	1917	15	0	0	0	1
41	Ling Tung University	41	1350	2565	Taiwan	1964	13	0	0	0	1
42	Chung Hwa University of Medical Technology	42	1387	2630	Taiwan	1968	6	0	0	0	2
43	Kainan University	43	1489	2793	Taiwan	1917	16	0	0	0	0
44	Central Taiwan University of Science & Technology	44	1490	2794	Taiwan	1897	13	0	0	0	0
45	Fooyin University	45	1594	2955	Taiwan	1958	10	0	0	0	0
46	Minghsin University of Science and Technology	46	1678	3071	Taiwan	1965	11	0	0	0	0
47	Shu-Te University	47	1699	3102	Taiwan	1997	14	0	0	0	1
48	Yuanpei University of Medical Technology	48	1736	3162	Taiwan	1964	7	0	0	0	1
49	Hwa Hsia University of Technology	49	1739	3169	Taiwan	1966	6	0	0	0	1
50	Mingdao University	50	1741	3171	Taiwan	2001	6	0	0	0	0
51	Tungnan University	51	1752	3190	Taiwan	1970	9	0	0	0	1
52	Jinwen University of Science & Technology	52	1763	3213	Taiwan	1986	6	0	0	0	0
53	TransWorld University	53	1765	3216	Taiwan	1992	6	0	0	0	0
54	Chienkuo Technology University	54	1772	3229	Taiwan	1965	3	0	0	0	0
55	Shih Hsin University	55	1800	3283	Taiwan	1955	20	0	0	0	0
56	Kun Shan University	56	1813	3298	Taiwan	1965	14	0	0	0	1
57	Oriental Institute of Technology	57	1860	3381	Taiwan	1968	6	0	0	0	0
58	Chien Hsin University of Science and Technology	58	1928	3489	Taiwan	1966	6	0	0	0	1

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Taiwan Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
59	Mackay Junior College of Medicine Nursing and Management	59	1937	3508	Taiwan	1970	4	0	0	0	0
60	Nanhua University Taiwan	60	2060	3704	Taiwan	1996	19	0	0	0	0
61	Aletheia University	61	2160	3847	Taiwan	1882	11	0	0	0	0
62	Saint John's University Taiwan	62	2182	3898	Taiwan	1967	6	0	0	0	0
63	Wenzao Ursuline University of Languages	63	2628	4559	Taiwan	1966	10	0	0	0	0
64	Tajen University	64	2718	4712	Taiwan	1966	6	0	0	0	0
65	China University of Science and Technology	65	2865	4965	Taiwan	1968	2	0	0	0	0
66	Hsing Wu University	66	2868	4969	Taiwan	1965	2	0	0	0	0
67	Dharma Drum Institute of Liberal Arts	67	2917	5049	Taiwan	2014	5	0	0	0	0
68	Chung Chou University of Science and Technology	68	2967	5138	Taiwan	1969	2	0	0	0	0
69	Kang-Ning Junior College of Medical Care and Management	69	2991	5195	Taiwan	1968	1	0	0	0	0
70	Shih Chien University	70	3158	5401	Taiwan	1958	11	0	0	0	0
71	Hsiuping University of Science & Technology	71	3404	5710	Taiwan	1949	8	0	0	0	0
72	Hsuan Chuang University	72	3432	5759	Taiwan	1997	5	0	0	0	0
73	Far East University Taiwan	73	3697	6134	Taiwan	1954	3	0	0	0	0
74	Takming University of Science & Technology	74	4014	6561	Taiwan	1918	4	0	0	0	0
75	Meiho University	75	4078	6669	Taiwan	1966	3	0	0	0	0
76	Chihlee Institute of Technology	76	4511	7251	Taiwan	1965	4	0	0	0	0
77	Taipei University of Marine Technology	77	4755	7615	Taiwan	1965	2	0	0	0	0

Table VI. Young Universities in Taiwan Top 10.000

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Taiwan Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	National Yang Ming Chiao Tung University	3	65	431	Taiwan	2021	422	10	68	132	216
2	National Taiwan University of Science & Technology	6	137	718	Taiwan	1974	170	4	31	58	91
3	Chang Gung University	8	142	731	Taiwan	1987	172	5	30	56	70
4	National Synchrotron Radiation Research Center, Taiwan	16	371	1358	Taiwan	1993	48	1	9	15	23
5	National Chung Cheng University	17	378	1378	Taiwan	1989	140	0	8	27	40
6	Asia University Taiwan	20	413	1456	Taiwan	2001	49	4	8	12	24
7	National Kaohsiung University of Science and Technology	22	429	1492	Taiwan	2018	61	0	7	20	25
8	Yuan Ze University	25	504	1692	Taiwan	1989	59	2	5	18	27
9	National Yunlin University of Science & Technology	27	520	1731	Taiwan	1991	52	0	5	13	22
10	Tzu Chi University	34	868	2474	Taiwan	1994	46	1	2	8	11
11	National Chi Nan University	35	870	2478	Taiwan	1995	46	0	2	8	12
12	Chung Hua University	37	938	2651	Taiwan	1990	64	0	2	4	10
13	Chia Nan University of Pharmacy & Science	39	1000	2810	Taiwan	1974	13	0	2	3	4
14	National University of Kaohsiung	41	1109	3028	Taiwan	2000	39	1	1	6	12
15	Chaoyang University of Technology	42	1128	3064	Taiwan	1994	100	0	1	5	18
16	National Chiayi University	43	1182	3186	Taiwan	2000	42	0	1	4	7
17	Taipei Municipal University of Education	44	1194	3216	Taiwan	2013	39	0	1	4	8

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Taiwan Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
18	Mackay Medical College	50	1480	3821	Taiwan	2009	11	0	1	1	4
19	National Penghu University of Science & Technology	52	1552	3949	Taiwan	1995	11	1	1	1	3
20	National Defence University Taiwan	55	1647	4108	Taiwan	2007	15	0	1	1	1
21	Kao Yuan University	56	1691	4182	Taiwan	1986	6	0	1	1	1
22	National Formosa University	60	1947	4752	Taiwan	1980	29	0	0	2	4
23	National Kaohsiung First University of Science and Technology	67	2355	5625	Taiwan	1995	43	0	0	1	2
24	Tzu Chi University of Science and Technology	70	2511	5920	Taiwan	1989	6	0	0	1	2
25	National Taiwan Sport University	71	2645	6160	Taiwan	1987	12	0	0	1	1
26	Huafan University	72	2650	6172	Taiwan	1990	4	0	0	1	1
27	National Kaohsiung University of Hospitality and Tourism	79	2923	6708	Taiwan	1995	22	0	0	0	2
28	Tatung University	80	3030	6920	Taiwan	1999	21	0	0	0	0
29	National Quemoy University	81	3040	6935	Taiwan	2007	14	0	0	0	2
30	Shu-Te University	96	3991	8653	Taiwan	1997	14	0	0	0	1
31	Mingdao University	99	4061	8776	Taiwan	2001	6	0	0	0	0
32	Jinwen University of Science & Technology	101	4103	8853	Taiwan	1986	6	0	0	0	0
33	TransWorld University	102	4109	8862	Taiwan	1992	6	0	0	0	0
34	Taiwan Shoufu University	110	4537	9635	Taiwan	2000	1	0	0	0	0
35	Nanhua University Taiwan	111	4628	9781	Taiwan	1996	19	0	0	0	0
36	Fo Guang University	117	5743	11596	Taiwan	2000	11	0	0	0	0
37	Taipei National University of the Arts	123	6152	12335	Taiwan	1982	6	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country		Scientists in Taiwan Top 10.000	in World	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
38	Dharma Drum Institute of Liberal Arts	124	6162	12355	Taiwan	2014	5	0	0	0	0
39	Hsuan Chuang University	129	7007	13597	Taiwan	1997	5	0	0	0	0
40	Tainan National University of the Arts	131	7433	14237	Taiwan	1996	3	0	0	0	0

Table VII. Institutions in Taiwan top 10.000

#	Institution	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Taiwan Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Academia Sinica	1	4	72	Taiwan	1928	295	12	42	80	119
2	Institute of Physics, Academia Sinica	2	100	557	Taiwan	1949	30	2	7	11	15
3	Institute of Chemistry, Academia Sinica	3	102	563	Taiwan	1989	20	1	7	11	13
4	National Health Research Institutes	4	121	642	Taiwan	1995	40	0	6	10	18
5	Institute of Astronomy and Astrophysics, Academia Sinica	5	123	648	Taiwan	2010	22	1	6	9	15
6	Institute of Earth Sciences, Academia Sinica	6	138	702	Taiwan	1949	24	2	5	11	17
7	Genomics Research Center, Academia Sinica	7	150	737	Taiwan	1930	13	1	5	7	9
8	Institute of Information Science, Academia Sinica	8	158	764	Taiwan	1982	50	0	4	17	24
9	Institute of Biological Chemistry, Academia Sinica	9	236	1024	Taiwan	2000	9	1	3	3	5
10	Research Center for Environmental Changes, Academia Sinica	10	237	1030	Taiwan	2011	3	0	3	3	3
11	Institute of Biomedical Sciences, Academia Sinica	11	242	1049	Taiwan	2010	32	0	2	9	11
12	Research Center for Information Technology Innovation, Academia Sinica	12	275	1162	Taiwan	2007	12	0	2	3	5
13	Institute of Molecular Biology, Academia Sinica	13	290	1203	Taiwan	2010	13	0	2	2	3

#	Institution	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Taiwan Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
14	Institute of Statistical Science, Academia Sinica	14	329	1337	Taiwan	1991	16	0	1	4	8
15	Institute of Plant and Microbial Biology, Academia Sinica	15	347	1388	Taiwan	1997	9	0	1	3	6
16	Institute of Cellular and Organismic Biology, Academia Sinica	16	352	1400	Taiwan	1989	6	0	1	3	4
17	Institute of Atomic and Molecular Sciences, Academia Sinica	17	377	1474	Taiwan	1995	7	0	1	2	3
18	Institute of Linguistics, Academia Sinica	18	476	1786	Taiwan	2000	4	0	0	2	2
19	Institute of Economics, Academia Sinica	19	554	2035	Taiwan	1962	9	0	0	0	3
20	National Applied Research Laboratories	20	641	2282	Taiwan	2003	4	0	0	0	0
21	Institute of Sociology, Academia Sinica	21	677	2376	Taiwan		1	0	0	0	1
22	Chung-Hua Institution for Economic Research	22	706	2452	Taiwan	1981	5	0	0	0	0
23	Institute of Statistical Mathematics, Academia Sinica	23	769	2640	Taiwan	1949	1	0	0	0	0
24	Institute of History and Philology, Academia Sinica	24	830	2811	Taiwan	1970	1	0	0	0	0

Table VIII. Companies in Taiwan top 10.000

#	Company	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Taiwan Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Taiwan Semiconductor Manufacturing Company Ltd.	1	10	80	Taiwan	1987	58	2	5	13	16
2	Advanced Semiconductor Engineering Inc	2	54	359	Taiwan	1984	2	0	1	1	1
3	ALPS Biotechnology Co. Ltd	3	59	400	Taiwan	1947	1	0	1	1	1
4	Inventec	4	90	618	Taiwan	1975	5	0	0	1	2
5	ASUSTeK Computer Inc.	5	97	657	Taiwan	1989	7	0	0	1	1
6	GlobalWafers	6	196	1164	Taiwan	2011	5	0	0	0	0
7	Quanta Computer	7	267	1451	Taiwan	1988	1	0	0	0	0
8	Novatek	8	269	1454	Taiwan	2010	1	0	0	0	0
9	Realtek Semiconductor Corporation	9	306	1581	Taiwan	1987	2	0	0	0	0
10	Wistron	10	375	1800	Taiwan	2000	2	0	0	0	0
11	United Microelectronics	11	386	1824	Taiwan	1980	1	0	0	0	0
12	Winbond Electronics Corp.	12	389	1831	Taiwan	1987	1	0	0	0	0
13	Formosa Plastics	13	397	1860	Taiwan	1954	1	0	0	0	0
14	PEGATRON corp.	14	425	1938	Taiwan	2008	1	0	0	0	0

Table IX. Hospitals in Taiwan top 10.000

#	Hospital	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Taiwan Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Taipei Veterans General Hospital	1	1	17	Taiwan	1958	82	8	22	33	47
2	Chang Gung Memorial Hospital	2	2	18	Taiwan	1973	198	2	21	61	102
3	National Defense Medical Center	3	12	63	Taiwan	1902	52	0	3	22	30
4	Buddhist Tzu Chi General Hospital	4	18	82	Taiwan	1913	35	1	2	5	9
5	Cathay General Hospital	5	22	89	Taiwan	1977	10	0	2	3	4