

Rankings for Scientist

University, Subject, Country, Region, World



**Top 10000 Scientists** 

**AD Scientific Index 2024** 



# Thailand Top 10000 Scientists "AD Scientific Index 2024" World Scientist and University Rankings 2024

(Total 1.614.674 scientist, 219 country, 23.832 university)

#### "AD Scientific Index" (Alper-Doger Scientific Index):

This new index has been developed by **Prof. Dr. Murat ALPER** and **Associate Prof. Dr. Cihan DÖĞER** 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" "World Scientist and University Rankings" 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, Social Sciences, and Others), 256 branches, 23.832 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.

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.

#### 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 a free academic environment where 23.832 universities, 219 countries and more than 1,600,000 scientists can express themselves in the widest possible way and emphasize equal opportunities. In other words, in addition to the ranking, the "AD Scientific Index" provides the results of numerous analyses by which academic progress can be assessed. 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, World Scientist and University Rankings:

- 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...
   Progress analysis of institutions in the last 6 years. Only in AD Scientific Index...
- 2. 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...
- 3. 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...
- 4. Distribution analysis of the scientific ranking of the academic staff in the institution according to percentiles. Only in AD Scientific Index..
- 5. 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...
- 6. Showing the ranking of individuals by institution, country, region and branch in the

- world. Only in AD Scientific Index...
- 7. Special interest and inclusion of the highest number of scientists in the fields of Social Sciences, Law, History, Theology, Philosophy, Art, Education, Economy and Business & Management: Only in AD Scientific Index
- 8. 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. <u>Social 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 are History, Theology, Philosophy, Law and Social Sciences ranked? How do we avoid comparing apples and pears?

In classical rankings, some disciplines are advantaged and some are disadvantaged. Unlike other rankings, we have made some choices to reduce the disadvantage of these disadvantaged disciplines: Most importantly, we used Google Scholar, which does not ignore books, theses and other published sources, because this database takes into account publications in other databases, books, theses and other types of scientific contributions, in addition to publications in certain groups of journals such as SCI, SCI-E, SSCI, AHCI. Secondly, we have paid special attention to the fields of Social Sciences, Law, History, Theology, Philosophy, Art, Education, Economy and Business & Management, and created separate headings and sub-headings. Thirdly, we have made a significant difference by ranking individuals within all disciplines while at the same time ranking these disadvantaged disciplines (Social Sciences, Law, History, Theology, Philosophy, Art, Education, Economy and Business & Management) within themselves. We presented the ranking in these fields as institution, country, continent and world. Fourth, we started to highlight the issue of exempting CERN and some epidemiological studies. We have the highest number of scientists in these fields. At the same time, the importance we attach to this issue will increase.

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

Individuals and institutions/universities are usually ranked every day or at the latest every two days. 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 30-45 days.

#### 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 1.614.674 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. We would also like to emphasize once again that not being included in this list does not devalue a scientist, it just means that the scientist is not on this list, or sometimes that the scientist did not choose to be on this list.

#### **Ranking Criteria:**

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

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

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

#### i10 Index Productivity Rankings

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

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

#### **Citation Rankings**

<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 <u>"last 6 years citation counts"</u>.

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.

#### **University Subject Rankings BETA VERSION**

Following the same logic as the University/Institution rankings, we provide country, continent and world subject rankings of more than 23,000 universities/institutions in the following fields: Agriculture and Forestry, Art, Design and Architecture, Business and Management, Economics and Econometrics, Education, Engineering and Technology, History, Philosophy, Theology, Law / Legal Studies, Medicine and Health Sciences, Natural Sciences, Social Sciences and Others. {{REPLACE\_1}} This study is ranked according to the Total H Index and is currently in **Beta version**. The world, region, country and university subject area ranking is in beta version as the 'others' subject area ({{REPLACE\_2}} excludes the scientist profile whose branch is unidentified, not yet edited or not yet identified, so the ranking will change as the 'others' fields are edited. Please note. In this ranking, the ranking is not based on whether the institution has a faculty related to the branch, but on whether there are scientists in that branch. University Subject Rankings have features that can be an equivalence parameter between countries. In addition to the general ranking of the university, the ranking of some faculties may be better or worse than

the general average of the university. For this purpose, University Subject Rankings of the "AD Scientific Index" can be used as a ranking criterion in equivalence procedures.

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

As described in the university ranking section, it is not easy to obtain and standardize data from about 23.832 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**

You can list the top 100 institutions among more than 23,200 universities, private universities, public universities, 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 1.614.674 scientists and academicians from 219 countries and 23.832 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,
- Change of Google Scholar profile address
- 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,

• Also, due to various errors, a name may not appear in the list or may have been deleted.

#### **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 without warning and payment will not be refunded, even if the fee has been 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 access h-indexes such as Web of Science, Scopus or Publons, or data such as patents, awards, etc. for all individuals and all institutions, we chose Google Scholar, which suits our different methodology. We are aware that this choice has many pros and some cons. However, no matter which database is chosen, they all have their pros and cons, and the other options do not allow for analysis beyond approximately 2000-3000 institutions for comparison. Our methodology yields the same results as other ranking systems that use a large number of parameters. Except for a few countries with unique differences, the results are the same.

#### 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 1.614.674 academicians and 23.832 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"?

The current profile list will only expand with new individual and institutional <u>registrations</u>. We prefer not to work with instant data online, as data processing with simultaneous data entry may bring the risk of data pollution. Although it is difficult and time-consuming to check all profiles whose numerical values increase with each data extraction, we perform such checks on a regular basis. Therefore, please do not send an email requesting an update when the data in your profile changes. We delete all suspicious, unethical or questionable score increases directly without warning. However, you can always contribute by reporting an inappropriate profile that was accidentally overlooked by sending an <u>email</u>.

#### 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.

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### Table I. Number of scientists in Thailand top 10.000 according to Country

# Country	Country Region Rank	Country World Rank	Scientists in Thailand Top 10.000	<b>Total Institutions</b>	<b>Total Scientist</b>
1 Thailand	13	44	10000	164	10544

Table II. All Types Institutions in Thailand top 10.000

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution		Scientists in Thailand Top 10.000	Scientists	Scientists in World Top 10%		Scientists in World Top 30%
1	Chulalongkorn University	1	99	631	Thailand	Public	1917	538	10	54	118	215
2	Mahidol University	2	172	951	Thailand	Public	1888	449	6	30	68	136
3	Chiang Mai University	3	296	1346	Thailand	Public	1964	364	6	17	62	98
4	Khon Kaen University	4	375	1661	Thailand	Public	1964	334	2	12	37	61
5	Prince of Songkla University	5	441	1875	Thailand	Public	1967	357	1	10	28	43
6	King Mongkut's University of Technology Thonburi	6	453	1905	Thailand	Public	1960	238	6	10	22	37
7	Asian Institute of Technology Thailand	7	490	2020	Thailand	Public	1959	75	1	9	23	32
8	Mae Fah Luang University	8	574	2271	Thailand	Public	1998	184	1	7	22	27
9	Thammasat University	9	575	2272	Thailand	Public	1934	204	0	7	21	35
10	Kasetsart University	10	629	2429	Thailand	Public	1943	293	0	6	26	59
11	National Center for Genetic Engineering and Biotechnology, Thailand	11	662	2508	Thailand	Institution	1983	148	1	6	15	33
12	Vidyasirimedhi Institute of Science and Technology (VISTEC)	12	721	2642	Thailand	Institution	2015	18	1	6	8	12
13	Suranaree University of Technology	13	781	2802	Thailand	Public	1990	153	3	5	12	22
14	Silpakorn University	14	836	2931	Thailand	Public	1943	84	0	5	7	12
15	King Mongkut's University of Technology North Bangkok	15	1029	3426	Thailand	Public	1959	244	2	3	11	18
16	National Nanotechnology Center	16	1111	3649	Thailand	Institution	2003	50	0	3	6	11
17	National Science and Technology Development Agency	17	1131	3702	Thailand	Institution	1991	53	0	3	5	8

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution		Scientists in Thailand Top 10.000	1	Scientists in World Top 10%		Scientists in World Top 30%
18	Walailak University	18	1212	3922	Thailand	Public	1992	230	0	2	11	18
19	Srinakharinwirot University	19	1276	4073	Thailand	Public	1974	192	0	2	7	11
20	Mahasarakham University	20	1327	4211	Thailand	Public	1968	225	0	2	5	15
21	Synchrotron Light Research Institute Thailand	21	1493	4633	Thailand	Institution	1996	32	0	2	2	7
22	Naresuan University	22	1567	4827	Thailand	Public	1969	483	0	1	8	31
23	King Mongkut's Institute of Technology Ladkrabang	23	1570	4832	Thailand	Public	1996	218	1	1	8	19
24	Maejo University	24	1814	5481	Thailand	Public	1996	120	0	1	3	6
25	National Institute of Development Administration	25	1828	5509	Thailand	Institution	1966	137	0	1	3	3
26	Rajamangala University of Technology Isan	26	1886	5652	Thailand	Public	1945	193	1	1	2	6
27	Rangsit University	27	1896	5666	Thailand	Private	1990	259	0	1	2	5
28	Phramongkutklao College of Medicine	28	1970	5836	Thailand	Public	1975	60	0	1	2	3
29	Suan Sunandha Rajabhat University	29	1977	5867	Thailand	Public	1940	150	0	1	2	4
30	Dhurakijpundit University	30	2006	5946	Thailand	Private	1907	99	1	1	2	3
31	Ramkhamhaeng University	31	2022	5968	Thailand	Public	1971	13	0	1	2	3
32	Phranakhon Rajabhat University	32	2062	6051	Thailand	Public	1892	10	0	1	2	2
33	Nakhon Pathom Rajabhat University	33	2095	6127	Thailand	Public	2004	157	0	1	1	4
34	Chulabhorn Research Institute	34	2131	6203	Thailand	Institution	1987	16	0	1	1	4
35	Thailand Institute of Nuclear Technology	35	2221	6391	Thailand	Institution	2006	18	0	1	1	1
36	Mahanakorn University of Technology	36	2266	6477	Thailand	Private	1990	21	1	1	1	1
37	Yala Rajabhat University	37	2307	6560	Thailand	Public	1934	73	0	1	1	2

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution		Scientists in Thailand Top 10.000	Scientists	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
38	Songkhla Rajabhat University	38	2408	6758	Thailand	Public	1919	42	1	1	1	1
39	University of Phayao	39	2499	7019	Thailand	Public	1973	329	0	0	5	8
40	Ubon Ratchathani University	40	2525	7086	Thailand	Public	1990	150	0	0	4	11
41	Rajamangala University of Technology Thanyaburi	41	2577	7221	Thailand	Public	2005	92	0	0	3	7
42	Sasin Graduate Institute of Business Administration Chulalongkorn University	42	2652	7393	Thailand	Institution	1982	135	0	0	2	5
43	National Electronics and Computer Technology Center	43	2670	7442	Thailand	Institution	1986	81	0	0	2	5
44	National Astronomical Research Institute of Thailand	44	2788	7751	Thailand	Institution	2004	14	0	0	2	3
45	Thaksin University	45	3110	8516	Thailand	Public	1968	48	0	0	1	4
46	Nakhon Phanom University	46	3152	8610	Thailand	Public	2005	26	0	0	1	2
47	Rajamangala University of Technology Srivijaya	47	3179	8657	Thailand	Public	2005	196	0	0	1	2
48	National Metal and Materials Technology Center	48	3203	8709	Thailand	Institution	1986	26	0	0	1	3
49	Hatyai University	49	3631	9590	Thailand	Private	1997	17	0	0	1	1
50	Burapha University	50	3825	10036	Thailand	Public	1955	172	0	0	0	2
51	Phetchaburi Rajabhat University	51	3906	10238	Thailand	Public	1926	43	0	0	0	2
52	Bangkok University	52	3911	10251	Thailand	Private	1962	36	0	0	0	2
53	Udon Thani Rajabhat University	53	4003	10454	Thailand	Public	1923	55	0	0	0	2
54	Phuket Rajabhat University	54	4139	10754	Thailand	Public	1971	17	0	0	0	1
55	Bank of Thailand, Puey Ungphakorn Institute for Economic Research	55	4181	10848	Thailand	Institution	1949	12	0	0	0	2
56	Assumption University of Thailand	56	4264	11028	Thailand	Private	1969	13	0	0	0	1

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Thailand Top 10.000	Scientists	Scientists in World Top 10%	Scientists in World Top 20%	
57	Rajamangala University of Technology Phra Nakhon	57	4286	11069	Thailand	Public	1975	129	0	0	0	1
58	Suan Dusit University	58	4289	11074	Thailand	Public	1934	30	0	0	0	1
59	Rajamangala University of Technology Rattanakosin	59	4301	11095	Thailand	Public	2005	21	0	0	0	1
60	Pibulsongkram Rajabhat University	60	4310	11113	Thailand	Public	1926	84	0	0	0	1
61	Siam University	61	4460	11404	Thailand	Private	1965	16	0	0	0	1
62	Armed Forces Research Institute of Medical Sciences	62	4485	11462	Thailand	Institution	1958	6	0	0	0	0
63	Southeast Asia University	63	4508	11516	Thailand	Private	1973	20	0	0	0	1
64	Muban Chombueng Rajabhat University	64	4513	11525	Thailand	Public	1954	15	0	0	0	1
65	Payap University	65	4608	11713	Thailand	Private	1974	13	0	0	0	1
66	Bangkok Thonburi University	66	4627	11744	Thailand	Private	2002	8	0	0	0	2
67	Chulabhorn Graduate Institute	67	4631	11754	Thailand	Institution	2005	6	0	0	0	2
68	Rajamangala University of Technology Lanna	68	4761	12013	Thailand	Public	2005	26	0	0	0	0
69	Nakhon Ratchasima Rajabhat University	69	4813	12106	Thailand	Public	1913	32	0	0	0	0
70	Chiang Mai Rajabhat University	70	4886	12238	Thailand	Public	1924	68	0	0	0	0
71	Surindra Rajabhat University	71	4901	12261	Thailand	Public	1972	21	0	0	0	0
72	Rajamangala University of Technology Krungtheb	72	4908	12273	Thailand	Public	2005	8	0	0	0	1
73	Rajamangala University of Technology Suvarnabhumi	73	4923	12295	Thailand	Public	2005	142	0	0	0	0
74	Kalasin University	74	5081	12585	Thailand	Public	2015	66	0	0	0	0
75	Sakon Nakhon Rajabhat University	75	5099	12612	Thailand	Public	1964	32	0	0	0	0

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Thailand Top 10.000	Scientists	Scientists in World Top 10%	Scientists in World Top 20%	
76	University of the Thai Chamber of Commerce	76	5134	12665	Thailand	Private	1984	15	0	0	0	0
77	Ubon Ratchathani Rajabhat University	77	5145	12685	Thailand	Public	1947	21	0	0	0	1
78	Phetchaboon Rajabhat University	78	5172	12730	Thailand	Public	1973	17	0	0	0	0
79	Praboromarajchanok Institute	79	5203	12810	Thailand	Public	1993	8	0	0	0	0
80	Nakhon Si Thammarat Rajabhat University	80	5293	12989	Thailand	Public	1957	43	0	0	0	1
81	Navamindradhiraj University	81	5299	12996	Thailand	Public	2010	44	0	0	0	0
82	Lampang Rajabhat University	82	5318	13028	Thailand	Public	1971	17	0	0	0	1
83	Dhonburi Rajabhat University	83	5387	13152	Thailand	Public	1953	24	0	0	0	1
84	Siam Technology College	84	5475	13316	Thailand	Private	1965	7	0	0	0	0
85	Suratthani Rajabhat University	85	5584	13573	Thailand	Public	1973	107	0	0	0	0
86	Krirk University	86	5767	13908	Thailand	Private	1970	10	0	0	0	1
87	Charoen Pokphand Foods	87	5852	14056	Thailand	Company	1978	2	0	0	0	1
88	Navaminda Kasatriyadhiraj Royal Air Force Academy	88	5856	14063	Thailand	Public	1953	2	0	0	0	0
89	Phranakhon Si Ayutthaya Rajabhat University	89	5882	14113	Thailand	Public	1985	8	0	0	0	1
90	Boromarajonani College of Nursing	90	5888	14123	Thailand	Public	1994	6	0	0	0	1
91	Christian University of Thailand	91	5891	14130	Thailand	Private	1983	6	0	0	0	0
92	Neurological Institute of Thailand	92	5966	14285	Thailand	Institution	2019	1	0	0	0	1
93	Indorama Ventures	93	6002	14382	Thailand	Company	1994	1	0	0	0	0
94	Rajabhat Maha Sarakham University	94	6103	14620	Thailand	Public	1925	22	0	0	0	0

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Thailand Top 10.000	Scientists	Scientists in World Top 10%		Scientists in World Top 30%
95	Bansomdejchaopraya Rajabhat University	95	6396	15086	Thailand	Public	1896	106	0	0	0	0
96	Thai-Nichi Institute of Technology	96	6475	15232	Thailand	Private	2007	7	0	0	0	0
97	Asia-Pacific International University	97	6491	15261	Thailand	Private	1947	8	0	0	0	0
98	Rambhai Barni Rajabhat University	98	6579	15426	Thailand	Public	1972	39	0	0	0	0
99	Valaya Alongkorn Rajabhat University	99	6606	15460	Thailand	Public	1932	38	0	0	0	0
100	Chulabhorn Royal Academy	100	6633	15495	Thailand	Public	2016	21	0	0	0	0
101	Panyapiwat Institute of Management	101	6637	15501	Thailand	Private	1963	16	0	0	0	0
102	Princess of Naradhiwas University	102	6673	15554	Thailand	Public	2005	25	0	0	0	0
103	Chandrakasem Rajabhat University	103	6788	15752	Thailand	Public	1940	18	0	0	0	0
104	National Institute of Metrology Thailand	104	6879	15910	Thailand	Institution	1998	8	0	0	0	0
105	Chaiyaphum Rajabhat University	105	6972	16126	Thailand	Public	1960	9	0	0	0	0
106	Sukhothai Thammathirat Open University	106	7054	16282	Thailand	Public	1995	101	0	0	0	0
107	Loei Rajabhat University	107	7074	16309	Thailand	Public	1973	75	0	0	0	0
108	Buriram Rajabhat University	108	7131	16375	Thailand	Public	1960	31	0	0	0	0
109	Kasem Bundit University	109	7196	16461	Thailand	Private	1987	29	0	0	0	0
110	Kanchanaburi Rajabhat University	110	7271	16564	Thailand	Public	1973	34	0	0	0	0
111	Rajamangala University of Technology Tawan-Ok	111	7284	16581	Thailand	Public	1958	14	0	0	0	0

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Thailand Top 10.000		Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
112	Rajabhat Rajanagarindra University	112	7374	16713	Thailand	Public	1940	14	0	0	0	0
113	Thailand Institute of Scientific and Technological Research	113	7399	16751	Thailand	Institution	1963	7	0	0	0	0
114	Chulachomklao Royal Military Academy	114	7407	16763	Thailand	Private	1887	6	0	0	0	0
115	Mahachulalongkornrajavidyalaya University	115	7440	16820	Thailand	Public	1887	17	0	0	0	0
116	${\bf St\ Theresa\ International\ College}$	116	7447	16828	Thailand	Private	2001	15	0	0	0	0
117	Huachiew Chalermprakiet University	117	7561	17038	Thailand	Private	1941	12	0	0	0	0
118	Webster University Thailand	118	7791	17447	Thailand	Private	1997	3	0	0	0	0
119	Queen Sirikit National Institute of Child Health	119	7905	17696	Thailand	Institution	1954	2	0	0	0	0
120	Queen Saovabha Memorial Institute	120	7926	17734	Thailand	Institution	1912	2	0	0	0	0
121	Fatoni University	121	7960	17809	Thailand	Private	1998	11	0	0	0	0
122	Siam Commercial Bank	122	8162	18252	Thailand	Company	1904	1	0	0	0	0
123	PTT Innovation	123	8196	18349	Thailand	Company	1968	1	0	0	0	0
124	Kamphaeng Phet Rajabhat University	124	8358	18619	Thailand	Public	1952	45	0	0	0	0
125	Sripatum University	125	8385	18649	Thailand	Private	1970	24	0	0	0	0
126	Stamford International University	126	8467	18745	Thailand	Private	1995	17	0	0	0	0
127	Chiang Rai Rajabhat University	127	8513	18798	Thailand	Public	1992	22	0	0	0	0
128	Roi Et Rajabhat University	128	8703	19041	Thailand	Public	2001	16	0	0	0	0
129	Sisaket Rajabhat University	129	8892	19294	Thailand	Public	2005	14	0	0	0	0
130	Uttaradit Rajabhat University	130	8915	19322	Thailand	Public	1936	10	0	0	0	0
131	Shinawatra University	131	8941	19358	Thailand	Private	1999	8	0	0	0	0

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Thailand Top 10.000		Scientists in World Top 10%		Scientists in World Top 30%
132	Sirindhorn College of Public Health	132	8966	19398	Thailand	Public	1989	8	0	0	0	0
133	Thepsatri Rajabhat University	133	9115	19625	Thailand	Public	1958	17	0	0	0	0
134	Pathumwan Institute of Technology	134	9355	19990	Thailand	Public	1999	5	0	0	0	0
135	Southern College of Technology	135	9532	20314	Thailand	Public	1948	2	0	0	0	0
136	Mahamakut Buddhist University	136	9628	20432	Thailand	Public	1945	6	0	0	0	0
137	Bunditpatanasilpa Institute	137	9729	20581	Thailand	Public	1932	3	0	0	0	0
138	Western University	138	9760	20635	Thailand	Public	1878	5	0	0	0	0
139	Vongchavalitkul University	139	9838	20762	Thailand	Private	1984	4	0	0	0	0
140	Sirindhorn College of Public Health Phitsanulok	140	9842	20769	Thailand	Public	2001	4	0	0	0	0
141	Southeast Bangkok College	141	9858	20798	Thailand	Private	1999	3	0	0	0	0
142	Eastern Asia University	142	9893	20848	Thailand	Private		3	0	0	0	0
143	International Buddhist College	143	9959	20965	Thailand	Private	2005	3	0	0	0	0
144	Saint Louis College	144	10020	21076	Thailand	Private	1964	2	0	0	0	0
145	Civil Aviation Training Center of Thailand	145	10263	21569	Thailand	Institution	1961	1	0	0	0	0
146	Bangkok Hospital	146	10343	21733	Thailand	Company	1972	1	0	0	0	0
147	Bumrungrad International Hospital	147	10427	21905	Thailand	Hospital	1980	1	0	0	0	0
148	North Bangkok University	148	10434	21914	Thailand	Private	2000	13	0	0	0	0
149	Nakhon Sawan Rajabhat University	149	10484	21981	Thailand	Public	1922	6	0	0	0	0
150	Suvarnabhumi Institute of Technology	150	10580		Thailand	Private	2015	3	0	0	0	0
151	Pathumthani University	151	10715	22315	Thailand	Private	1999	2	0	0	0	0
152	Rattana Bundit University	152	10770	22409	Thailand	Private	1997	2	0	0	0	0

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Thailand Top 10.000	Scientists		in World	
153	Thongsook College	153	10806	22464	Thailand	Public	1994	1	0	0	0	0
154	Chalermkarnchana University	154	10964	22719	Thailand	Private		1	0	0	0	0
155	Dusit Thani College	155	11013	22812	Thailand	Private	1993	2	0	0	0	0
156	Phitsanulok Vocational College	156	11016	22817	Thailand	Private	2014	1	0	0	0	0
157	True Corporation	157	11065	22914	Thailand	Company	1990	1	0	0	0	0
158	Besins Healthcare	158	11076	22942	Thailand	Company	1885	1	0	0	0	0
159	Thaicom	159	11229	23227	Thailand	Company	1991	1	0	0	0	0
160	Rajapark Institute	160	11264	23285	Thailand	Institution	1993	1	0	0	0	0
161	Prinsiri	161	11316	23380	Thailand	Company	2000	1	0	0	0	0
162	Bangkok Bank	162	11340	23425	Thailand	Company	1944	1	0	0	0	0
163	State Railway of Thailand	163	11377	23492	Thailand	Company	1890	1	0	0	0	0
164	Chaopraya University	164	11405	23541	Thailand	Private		1	0	0	0	0

Table III. All Universities in Thailand top 10.000

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution		Scientists in Thailand Top 10.000	Scientists	Scientists in World Top 10%		Scientists in World Top 30%
1	Chulalongkorn University	1	96	557	Thailand	Public	1917	538	10	54	118	215
2	Mahidol University	2	161	784	Thailand	Public	1888	449	6	30	68	136
3	Chiang Mai University	3	259	1043	Thailand	Public	1964	364	6	17	62	98
4	Khon Kaen University	4	316	1218	Thailand	Public	1964	334	2	12	37	61
5	Prince of Songkla University	5	365	1345	Thailand	Public	1967	357	1	10	28	43
6	King Mongkut's University of Technology Thonburi	6	373	1365	Thailand	Public	1960	238	6	10	22	37
7	Asian Institute of Technology Thailand	7	403	1445	Thailand	Public	1959	75	1	9	23	32
8	Mae Fah Luang University	8	462	1587	Thailand	Public	1998	184	1	7	22	27
9	Thammasat University	9	463	1588	Thailand	Public	1934	204	0	7	21	35
10	Kasetsart University	10	496	1674	Thailand	Public	1943	293	0	6	26	59
11	Suranaree University of Technology	11	607	1903	Thailand	Public	1990	153	3	5	12	22
12	Silpakorn University	12	638	1957	Thailand	Public	1943	84	0	5	7	12
13	King Mongkut's University of Technology North Bangkok	13	784	2286	Thailand	Public	1959	244	2	3	11	18
14	Walailak University	14	913	2576	Thailand	Public	1992	230	0	2	11	18
15	Srinakharinwirot University	15	967	2695	Thailand	Public	1974	192	0	2	7	11
16	Mahasarakham University	16	1004	2790	Thailand	Public	1968	225	0	2	5	15
17	Naresuan University	17	1188	3175	Thailand	Public	1969	483	0	1	8	31
18	King Mongkut's Institute of Technology Ladkrabang	18	1191	3180	Thailand	Public	1996	218	1	1	8	19
19	Maejo University	19	1386	3640	Thailand	Public	1996	120	0	1	3	6
20	Rajamangala University of Technology Isan	20	1439	3758	Thailand	Public	1945	193	1	1	2	6

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Thailand Top 10.000	Scientists	Scientists in World Top 10%		Scientists in World Top 30%
21	Rangsit University	21	1447	3767	Thailand	Private	1990	259	0	1	2	5
22	Phramongkutklao College of Medicine	22	1510	3900	Thailand	Public	1975	60	0	1	2	3
23	Suan Sunandha Rajabhat University	23	1517	3919	Thailand	Public	1940	150	0	1	2	4
24	Dhurakijpundit University	24	1536	3965	Thailand	Private	1907	99	1	1	2	3
25	Ramkhamhaeng University	25	1548	3979	Thailand	Public	1971	13	0	1	2	3
26	Phranakhon Rajabhat University	26	1581	4037	Thailand	Public	1892	10	0	1	2	2
27	Nakhon Pathom Rajabhat University	27	1607	4086	Thailand	Public	2004	157	0	1	1	4
28	Mahanakorn University of Technology	28	1754	4339	Thailand	Private	1990	21	1	1	1	1
29	Yala Rajabhat University	29	1789	4396	Thailand	Public	1934	73	0	1	1	2
30	Songkhla Rajabhat University	30	1874	4539	Thailand	Public	1919	42	1	1	1	1
31	University of Phayao	31	1943	4700	Thailand	Public	1973	329	0	0	5	8
32	Ubon Ratchathani University	32	1963	4749	Thailand	Public	1990	150	0	0	4	11
33	Rajamangala University of Technology Thanyaburi	33	2000	4841	Thailand	Public	2005	92	0	0	3	7
34	Thaksin University	34	2449	5817	Thailand	Public	1968	48	0	0	1	4
35	Nakhon Phanom University	35	2487	5889	Thailand	Public	2005	26	0	0	1	2
36	Rajamangala University of Technology Srivijaya	36	2511	5921	Thailand	Public	2005	196	0	0	1	2
37	Hatyai University	37	2898	6630	Thailand	Private	1997	17	0	0	1	1
38	Burapha University	38	3057	6933	Thailand	Public	1955	172	0	0	0	2
39	Phetchaburi Rajabhat University	39	3129	7101	Thailand	Public	1926	43	0	0	0	2
40	Bangkok University	40	3134	7111	Thailand	Private	1962	36	0	0	0	2
41	Udon Thani Rajabhat University	41	3214	7281	Thailand	Public	1923	55	0	0	0	2
42	Phuket Rajabhat University	42	3339	7533	Thailand	Public	1971	17	0	0	0	1

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in Thailand Top 10.000		Scientists in World Top 10%		Scientists in World Top 30%
43	Assumption University of Thailand	43	3450	7742	Thailand	Private	1969	13	0	0	0	1
44	Rajamangala University of Technology Phra Nakhon	44	3471	7780	Thailand	Public	1975	129	0	0	0	1
45	Suan Dusit University	45	3474	7785	Thailand	Public	1934	30	0	0	0	1
46	Rajamangala University of Technology Rattanakosin	46	3483	7801	Thailand	Public	2005	21	0	0	0	1
47	Pibulsongkram Rajabhat University	47	3491	7814	Thailand	Public	1926	84	0	0	0	1
48	Siam University	48	3628	8052	Thailand	Private	1965	16	0	0	0	1
49	Southeast Asia University	49	3669	8135	Thailand	Private	1973	20	0	0	0	1
50	Muban Chombueng Rajabhat University	50	3674	8144	Thailand	Public	1954	15	0	0	0	1
51	Payap University	51	3758	8278	Thailand	Private	1974	13	0	0	0	1
52	Bangkok Thonburi University	52	3776	8307	Thailand	Private	2002	8	0	0	0	2
53	Rajamangala University of Technology Lanna	53	3897	8520	Thailand	Public	2005	26	0	0	0	0
54	Nakhon Ratchasima Rajabhat University	54	3947	8608	Thailand	Public	1913	32	0	0	0	0
55	Chiang Mai Rajabhat University	55	4014	8725	Thailand	Public	1924	68	0	0	0	0
56	Surindra Rajabhat University	56	4028	8745	Thailand	Public	1972	21	0	0	0	0
57	Rajamangala University of Technology Krungtheb	57	4034	8756	Thailand	Public	2005	8	0	0	0	1
58	Rajamangala University of Technology Suvarnabhumi	58	4046	8771	Thailand	Public	2005	142	0	0	0	0
59	Kalasin University	59	4193	9013	Thailand	Public	2015	66	0	0	0	0
60	Sakon Nakhon Rajabhat University	60	4209	9038	Thailand	Public	1964	32	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution		Scientists in Thailand Top 10.000	Scientists	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
61	University of the Thai Chamber of Commerce	61	4243	9089	Thailand	Private	1984	15	0	0	0	0
62	Ubon Ratchathani Rajabhat University	62	4254	9107	Thailand	Public	1947	21	0	0	0	1
63	Phetchaboon Rajabhat University	63	4280	9146	Thailand	Public	1973	17	0	0	0	0
64	Praboromarajchanok Institute	64	4306	9215	Thailand	Public	1993	8	0	0	0	0
65	Nakhon Si Thammarat Rajabhat University	65	4376	9336	Thailand	Public	1957	43	0	0	0	1
66	Navamindradhiraj University	66	4381	9342	Thailand	Public	2010	44	0	0	0	0
67	Lampang Rajabhat University	67	4400	9374	Thailand	Public	1971	17	0	0	0	1
68	Dhonburi Rajabhat University	68	4467	9491	Thailand	Public	1953	24	0	0	0	1
69	Siam Technology College	69	4547	9633	Thailand	Private	1965	7	0	0	0	0
70	Suratthani Rajabhat University	70	4624	9787	Thailand	Public	1973	107	0	0	0	0
71	Krirk University	71	4795	10091	Thailand	Private	1970	10	0	0	0	1
72	Navaminda Kasatriyadhiraj Royal Air Force Academy	72	4868	10214	Thailand	Public	1953	2	0	0	0	0
73	Phranakhon Si Ayutthaya Rajabhat University	73	4883	10244	Thailand	Public	1985	8	0	0	0	1
74	Boromarajonani College of Nursing	74	4889	10254	Thailand	Public	1994	6	0	0	0	1
75	Christian University of Thailand	75	4892	10261	Thailand	Private	1983	6	0	0	0	0
76	Rajabhat Maha Sarakham University	76	5051	10559	Thailand	Public	1925	22	0	0	0	0
77	Bansomdejchaopraya Rajabhat University	77	5328	10985	Thailand	Public	1896	106	0	0	0	0
78	Thai-Nichi Institute of Technology	78	5398	11117	Thailand	Private	2007	7	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution		Scientists in Thailand Top 10.000	Scientists			Scientists in World Top 30%
79	Asia-Pacific International University	79	5414	11144	Thailand	Private	1947	8	0	0	0	0
80	Rambhai Barni Rajabhat University	80	5493	11277	Thailand	Public	1972	39	0	0	0	0
81	Valaya Alongkorn Rajabhat University	81	5520	11310	Thailand	Public	1932	38	0	0	0	0
82	Chulabhorn Royal Academy	82	5547	11345	Thailand	Public	2016	21	0	0	0	0
83	Panyapiwat Institute of Management	83	5551	11351	Thailand	Private	1963	16	0	0	0	0
84	Princess of Naradhiwas University	84	5587	11400	Thailand	Public	2005	25	0	0	0	0
85	Chandrakasem Rajabhat University	85	5696	11584	Thailand	Public	1940	18	0	0	0	0
86	Chaiyaphum Rajabhat University	86	5868	11905	Thailand	Public	1960	9	0	0	0	0
87	Sukhothai Thammathirat Open University	87	5938	12023	Thailand	Public	1995	101	0	0	0	0
88	Loei Rajabhat University	88	5957	12048	Thailand	Public	1973	75	0	0	0	0
89	Buriram Rajabhat University	89	6013	12111	Thailand	Public	1960	31	0	0	0	0
90	Kasem Bundit University	90	6077	12195	Thailand	Private	1987	29	0	0	0	0
91	Kanchanaburi Rajabhat University	91	6151	12292	Thailand	Public	1973	34	0	0	0	0
92	Rajamangala University of Technology Tawan-Ok	92	6164	12309	Thailand	Public	1958	14	0	0	0	0
93	Rajabhat Rajanagarindra University	93	6250	12430	Thailand	Public	1940	14	0	0	0	0
94	Chulachomklao Royal Military Academy	94	6276	12470	Thailand	Private	1887	6	0	0	0	0
95	Mahachulalongkornrajavidyalaya University	95	6307	12518	Thailand	Public	1887	17	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution		Scientists in Thailand Top 10.000	Scientists	Scientists in World Top 10%		Scientists in World Top 30%
96	St Theresa International College	96	6314	12526	Thailand	Private	2001	15	0	0	0	0
97	Huachiew Chalermprakiet University	97	6424	12720	Thailand	Private	1941	12	0	0	0	0
98	Webster University Thailand	98	6641	13093	Thailand	Private	1997	3	0	0	0	0
99	Fatoni University	99	6780	13357	Thailand	Private	1998	11	0	0	0	0
100	Kamphaeng Phet Rajabhat University	100	7087	13885	Thailand	Public	1952	45	0	0	0	0
101	Sripatum University	101	7113	13914	Thailand	Private	1970	24	0	0	0	0
102	Stamford International University	102	7193	14005	Thailand	Private	1995	17	0	0	0	0
103	Chiang Rai Rajabhat University	103	7237	14054	Thailand	Public	1992	22	0	0	0	0
104	Roi Et Rajabhat University	104	7421	14287	Thailand	Public	2001	16	0	0	0	0
105	Sisaket Rajabhat University	105	7607	14531	Thailand	Public	2005	14	0	0	0	0
106	Uttaradit Rajabhat University	106	7630	14559	Thailand	Public	1936	10	0	0	0	0
107	Shinawatra University	107	7654	14592	Thailand	Private	1999	8	0	0	0	0
108	Sirindhorn College of Public Health	108	7675	14627	Thailand	Public	1989	8	0	0	0	0
109	Thepsatri Rajabhat University	109	7815	14832	Thailand	Public	1958	17	0	0	0	0
110	Pathumwan Institute of Technology	110	8043	15179	Thailand	Public	1999	5	0	0	0	0
111	Southern College of Technology	111	8197	15434	Thailand	Public	1948	2	0	0	0	0
112	Mahamakut Buddhist University	112	8289	15545	Thailand	Public	1945	6	0	0	0	0
113	Bunditpatanasilpa Institute	113	8388	15690	Thailand	Public	1932	3	0	0	0	0
114	Western University	114	8417	15742	Thailand	Public	1878	5	0	0	0	0
115	Vongchavalitkul University	115	8495	15865	Thailand	Private	1984	4	0	0	0	0
116	Sirindhorn College of Public Health Phitsanulok	116	8499	15872	Thailand	Public	2001	4	0	0	0	0
117	Southeast Bangkok College	117	8514	15898	Thailand	Private	1999	3	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution		Scientists in Thailand Top 10.000			in World	Scientists in World Top 30%
118	Eastern Asia University	118	8549	15944	Thailand	Private		3	0	0	0	0
119	International Buddhist College	119	8611	16051	Thailand	Private	2005	3	0	0	0	0
120	Saint Louis College	120	8667	16146	Thailand	Private	1964	2	0	0	0	0
121	North Bangkok University	121	8983	16661	Thailand	Private	2000	13	0	0	0	0
122	Nakhon Sawan Rajabhat University	122	9031	16725	Thailand	Public	1922	6	0	0	0	0
123	Suvarnabhumi Institute of Technology	123	9124	16848	Thailand	Private	2015	3	0	0	0	0
124	Pathumthani University	124	9248	17039	Thailand	Private	1999	2	0	0	0	0
125	Rattana Bundit University	125	9300	17127	Thailand	Private	1997	2	0	0	0	0
126	Thongsook College	126	9335	17179	Thailand	Public	1994	1	0	0	0	0
127	Chalermkarnchana University	127	9473	17401	Thailand	Private		1	0	0	0	0
128	Dusit Thani College	128	9519	17487	Thailand	Private	1993	2	0	0	0	0
129	Phitsanulok Vocational College	129	9521	17493	Thailand	Private	2014	1	0	0	0	0
130	Chaopraya University	130	9838	18046	Thailand	Private	_	1	0	0	0	0

Table IV. Public Universities in Thailand top 10.000

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Thailand Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Chulalongkorn University	1	86	497	Thailand	1917	538	10	54	118	215
2	Mahidol University	2	139	693	Thailand	1888	449	6	30	68	136
3	Chiang Mai University	3	218	907	Thailand	1964	364	6	17	62	98
4	Khon Kaen University	4	266	1054	Thailand	1964	334	2	12	37	61
5	Prince of Songkla University	5	305	1157	Thailand	1967	357	1	10	28	43
6	King Mongkut's University of Technology Thonburi	6	311	1171	Thailand	1960	238	6	10	22	37
7	Asian Institute of Technology Thailand	7	332	1229	Thailand	1959	75	1	9	23	32
8	Mae Fah Luang University	8	377	1340	Thailand	1998	184	1	7	22	27
9	Thammasat University	9	378	1341	Thailand	1934	204	0	7	21	35
10	Kasetsart University	10	404	1407	Thailand	1943	293	0	6	26	59
11	Suranaree University of Technology	11	485	1575	Thailand	1990	153	3	5	12	22
12	Silpakorn University	12	508	1612	Thailand	1943	84	0	5	7	12
13	King Mongkut's University of Technology North Bangkok	13	621	1874	Thailand	1959	244	2	3	11	18
14	Walailak University	14	712	2071	Thailand	1992	230	0	2	11	18
15	Srinakharinwirot University	15	753	2155	Thailand	1974	192	0	2	7	11
16	Mahasarakham University	16	778	2219	Thailand	1968	225	0	2	5	15
17	Naresuan University	17	889	2459	Thailand	1969	483	0	1	8	31
18	King Mongkut's Institute of Technology Ladkrabang	18	891	2463	Thailand	1996	218	1	1	8	19
19	Maejo University	19	1018	2783	Thailand	1996	120	0	1	3	6
20	Rajamangala University of Technology Isan	20	1048	2853	Thailand	1945	193	1	1	2	6
21	Phramongkutklao College of Medicine	21	1089	2938	Thailand	1975	60	0	1	2	3

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Thailand Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
22	Suan Sunandha Rajabhat University	22	1094	2946	Thailand	1940	150	0	1	2	4
23	Ramkhamhaeng University	23	1109	2976	Thailand	1971	13	0	1	2	3
24	Phranakhon Rajabhat University	24	1123	3006	Thailand	1892	10	0	1	2	2
25	Nakhon Pathom Rajabhat University	25	1137	3034	Thailand	2004	157	0	1	1	4
26	Yala Rajabhat University	26	1223	3200	Thailand	1934	73	0	1	1	2
27	Songkhla Rajabhat University	27	1256	3263	Thailand	1919	42	1	1	1	1
28	University of Phayao	28	1292	3363	Thailand	1973	329	0	0	5	8
29	Ubon Ratchathani University	29	1305	3400	Thailand	1990	150	0	0	4	11
30	Rajamangala University of Technology Thanyaburi	30	1329	3460	Thailand	2005	92	0	0	3	7
31	Thaksin University	31	1585	4069	Thailand	1968	48	0	0	1	4
32	Nakhon Phanom University	32	1603	4104	Thailand	2005	26	0	0	1	2
33	Rajamangala University of Technology Srivijaya	33	1618	4126	Thailand	2005	196	0	0	1	2
34	Burapha University	34	1825	4576	Thailand	1955	172	0	0	0	2
35	Phetchaburi Rajabhat University	35	1870	4690	Thailand	1926	43	0	0	0	2
36	Udon Thani Rajabhat University	36	1918	4800	Thailand	1923	55	0	0	0	2
37	Phuket Rajabhat University	37	1973	4937	Thailand	1971	17	0	0	0	1
38	Rajamangala University of Technology Phra Nakhon	38	2050	5083	Thailand	1975	129	0	0	0	1
39	Suan Dusit University	39	2051	5086	Thailand	1934	30	0	0	0	1
40	Rajamangala University of Technology Rattanakosin	40	2054	5094	Thailand	2005	21	0	0	0	1
41	Pibulsongkram Rajabhat University	41	2057	5101	Thailand	1926	84	0	0	0	1
42	Muban Chombueng Rajabhat University	42	2138	5255	Thailand	1954	15	0	0	0	1
43	Rajamangala University of Technology Lanna	43	2246	5457	Thailand	2005	26	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Thailand Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
44	Nakhon Ratchasima Rajabhat University	44	2268	5508	Thailand	1913	32	0	0	0	0
45	Chiang Mai Rajabhat University	45	2305	5574	Thailand	1924	68	0	0	0	0
46	Surindra Rajabhat University	46	2309	5582	Thailand	1972	21	0	0	0	0
47	Rajamangala University of Technology Krungtheb	47	2312	5589	Thailand	2005	8	0	0	0	1
48	Rajamangala University of Technology Suvarnabhumi	48	2322	5600	Thailand	2005	142	0	0	0	0
49	Kalasin University	49	2380	5714	Thailand	2015	66	0	0	0	0
50	Sakon Nakhon Rajabhat University	50	2388	5728	Thailand	1964	32	0	0	0	0
51	Ubon Ratchathani Rajabhat University	51	2408	5759	Thailand	1947	21	0	0	0	1
52	Phetchaboon Rajabhat University	52	2419	5776	Thailand	1973	17	0	0	0	0
53	Praboromarajchanok Institute	53	2432	5813	Thailand	1993	8	0	0	0	0
54	Nakhon Si Thammarat Rajabhat University	54	2464	5874	Thailand	1957	43	0	0	0	1
55	Navamindradhiraj University	55	2468	5879	Thailand	2010	44	0	0	0	0
56	Lampang Rajabhat University	56	2471	5888	Thailand	1971	17	0	0	0	1
57	Dhonburi Rajabhat University	57	2499	5948	Thailand	1953	24	0	0	0	1
58	Suratthani Rajabhat University	58	2571	6086	Thailand	1973	107	0	0	0	0
59	Navaminda Kasatriyadhiraj Royal Air Force Academy	59	2666	6279	Thailand	1953	2	0	0	0	0
60	Phranakhon Si Ayutthaya Rajabhat University	60	2677	6296	Thailand	1985	8	0	0	0	1
61	Boromarajonani College of Nursing	61	2681	6302	Thailand	1994	6	0	0	0	1
62	Rajabhat Maha Sarakham University	62	2755	6461	Thailand	1925	22	0	0	0	0
63	Bansomdejchaopraya Rajabhat University	63	2875	6664	Thailand	1896	106	0	0	0	0
64	Rambhai Barni Rajabhat University	64	2956	6815	Thailand	1972	39	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Thailand Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
65	Valaya Alongkorn Rajabhat University	65	2964	6828	Thailand	1932	38	0	0	0	0
66	Chulabhorn Royal Academy	66	2974	6840	Thailand	2016	21	0	0	0	0
67	Princess of Naradhiwas University	67	2996	6868	Thailand	2005	25	0	0	0	0
68	Chandrakasem Rajabhat University	68	3039	6954	Thailand	1940	18	0	0	0	0
69	Chaiyaphum Rajabhat University	69	3132	7119	Thailand	1960	9	0	0	0	0
70	Sukhothai Thammathirat Open University	70	3161	7178	Thailand	1995	101	0	0	0	0
71	Loei Rajabhat University	71	3169	7191	Thailand	1973	75	0	0	0	0
72	Buriram Rajabhat University	72	3186	7213	Thailand	1960	31	0	0	0	0
73	Kanchanaburi Rajabhat University	73	3232	7282	Thailand	1973	34	0	0	0	0
74	Rajamangala University of Technology Tawan-Ok	74	3238	7291	Thailand	1958	14	0	0	0	0
75	Rajabhat Rajanagarindra University	75	3273	7337	Thailand	1940	14	0	0	0	0
76	Mahachulalongkornrajavidyalaya University	76	3297	7379	Thailand	1887	17	0	0	0	0
77	Kamphaeng Phet Rajabhat University	77	3640	8007	Thailand	1952	45	0	0	0	0
78	Chiang Rai Rajabhat University	78	3693	8071	Thailand	1992	22	0	0	0	0
79	Roi Et Rajabhat University	79	3763	8172	Thailand	2001	16	0	0	0	0
80	Sisaket Rajabhat University	80	3831	8269	Thailand	2005	14	0	0	0	0
81	Uttaradit Rajabhat University	81	3844	8285	Thailand	1936	10	0	0	0	0
82	Sirindhorn College of Public Health	82	3854	8306	Thailand	1989	8	0	0	0	0
83	Thepsatri Rajabhat University	83	3917	8403	Thailand	1958	17	0	0	0	0
84	Pathumwan Institute of Technology	84	3994	8541	Thailand	1999	5	0	0	0	0
85	Southern College of Technology	85	4065	8662	Thailand	1948	2	0	0	0	0
86	Mahamakut Buddhist University	86	4108	8715	Thailand	1945	6	0	0	0	0
87	Bunditpatanasilpa Institute	87	4144	8777	Thailand	1932	3	0	0	0	0
88	Western University	88	4157	8806	Thailand	1878	5	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country		Scientists in Thailand Top 10.000	Scientists	in World	Scientists in World Top 20%	in World
89	Sirindhorn College of Public Health Phitsanulok	89	4192	8866	Thailand	2001	4	0	0	0	0
90	Nakhon Sawan Rajabhat University	90	4451	9300	Thailand	1922	6	0	0	0	0
91	Thongsook College	91	4585	9518	Thailand	1994	1	0	0	0	0

Table V. Private Universities in Thailand top 10.000

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Thailand Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Rangsit University	1	396	910	Thailand	1990	259	0	1	2	5
2	Dhurakijpundit University	2	432	994	Thailand	1907	99	1	1	2	3
3	Mahanakorn University of Technology	3	547	1167	Thailand	1990	21	1	1	1	1
4	Hatyai University	4	1120	2184	Thailand	1997	17	0	0	1	1
5	Bangkok University	5	1262	2414	Thailand	1962	36	0	0	0	2
6	Assumption University of Thailand	6	1414	2682	Thailand	1969	13	0	0	0	1
7	Siam University	7	1511	2842	Thailand	1965	16	0	0	0	1
8	Southeast Asia University	8	1532	2885	Thailand	1973	20	0	0	0	1
9	Payap University	9	1582	2957	Thailand	1974	13	0	0	0	1
10	Bangkok Thonburi University	10	1591	2970	Thailand	2002	8	0	0	0	2
11	University of the Thai Chamber of Commerce	11	1841	3339	Thailand	1984	15	0	0	0	0
12	Siam Technology College	12	2010	3622	Thailand	1965	7	0	0	0	0
13	Krirk University	13	2164	3872	Thailand	1970	10	0	0	0	1
14	Christian University of Thailand	14	2210	3956	Thailand	1983	6	0	0	0	0
15	Thai-Nichi Institute of Technology	15	2492	4391	Thailand	2007	7	0	0	0	0
16	Asia-Pacific International University	16	2500	4405	Thailand	1947	8	0	0	0	0
17	Panyapiwat Institute of Management	17	2574	4506	Thailand	1963	16	0	0	0	0
18	Kasem Bundit University	18	2868	4947	Thailand	1987	29	0	0	0	0
19	Chulachomklao Royal Military Academy	19	2993	5115	Thailand	1887	6	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Thailand Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
20	St Theresa International College	20	3015	5145	Thailand	2001	15	0	0	0	0
21	Huachiew Chalermprakiet University	21	3076	5253	Thailand	1941	12	0	0	0	0
22	Webster University Thailand	22	3195	5448	Thailand	1997	3	0	0	0	0
23	Fatoni University	23	3275	5591	Thailand	1998	11	0	0	0	0
24	Sripatum University	24	3461	5893	Thailand	1970	24	0	0	0	0
25	Stamford International University	25	3514	5951	Thailand	1995	17	0	0	0	0
26	Shinawatra University	26	3806	6300	Thailand	1999	8	0	0	0	0
27	Vongchavalitkul University	27	4306	7002	Thailand	1984	4	0	0	0	0
28	Southeast Bangkok College	28	4314	7018	Thailand	1999	3	0	0	0	0
29	Eastern Asia University	29	4338	7046	Thailand		3	0	0	0	0
30	International Buddhist College	30	4369	7101	Thailand	2005	3	0	0	0	0
31	Saint Louis College	31	4404	7155	Thailand	1964	2	0	0	0	0
32	North Bangkok University	32	4551	7393	Thailand	2000	13	0	0	0	0
33	Suvarnabhumi Institute of Technology	33	4634	7493	Thailand	2015	3	0	0	0	0
34	Pathumthani University	34	4700	7588	Thailand	1999	2	0	0	0	0
35	Rattana Bundit University	35	4728	7630	Thailand	1997	2	0	0	0	0
36	Chalermkarnchana University	36	4818	7773	Thailand		1	0	0	0	0
37	Dusit Thani College	37	4835	7812	Thailand	1993	2	0	0	0	0
38	Phitsanulok Vocational College	38	4838	7816	Thailand	2014	1	0	0	0	0
39	Chaopraya University	39	4989	8085	Thailand		1	0	0	0	0

Table VI. Young Universities in Thailand Top 10.000

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Thailand Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Mae Fah Luang University	8	462	1587	Thailand	1998	184	1	7	22	27
2	Suranaree University of Technology	11	607	1903	Thailand	1990	153	3	5	12	22
3	Walailak University	14	913	2576	Thailand	1992	230	0	2	11	18
4	Srinakharinwirot University	15	967	2695	Thailand	1974	192	0	2	7	11
5	King Mongkut's Institute of Technology Ladkrabang	18	1191	3180	Thailand	1996	218	1	1	8	19
6	Maejo University	19	1386	3640	Thailand	1996	120	0	1	3	6
7	Rangsit University	21	1447	3767	Thailand	1990	259	0	1	2	5
8	Phramongkutklao College of Medicine	22	1510	3900	Thailand	1975	60	0	1	2	3
9	Nakhon Pathom Rajabhat University	27	1607	4086	Thailand	2004	157	0	1	1	4
10	Mahanakorn University of Technology	28	1754	4339	Thailand	1990	21	1	1	1	1
11	Ubon Ratchathani University	32	1963	4749	Thailand	1990	150	0	0	4	11
12	Rajamangala University of Technology Thanyaburi	33	2000	4841	Thailand	2005	92	0	0	3	7
13	Nakhon Phanom University	35	2487	5889	Thailand	2005	26	0	0	1	2
14	Rajamangala University of Technology Srivijaya	36	2511	5921	Thailand	2005	196	0	0	1	2
15	Hatyai University	37	2898	6630	Thailand	1997	17	0	0	1	1
16	Rajamangala University of Technology Phra Nakhon	44	3471	7780	Thailand	1975	129	0	0	0	1
17	Rajamangala University of Technology Rattanakosin	46	3483	7801	Thailand	2005	21	0	0	0	1

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Thailand Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
18	Payap University	51	3758	8278	Thailand	1974	13	0	0	0	1
19	Bangkok Thonburi University	52	3776	8307	Thailand	2002	8	0	0	0	2
20	Rajamangala University of Technology Lanna	53	3897	8520	Thailand	2005	26	0	0	0	0
21	Rajamangala University of Technology Krungtheb	57	4034	8756	Thailand	2005	8	0	0	0	1
22	Rajamangala University of Technology Suvarnabhumi	58	4046	8771	Thailand	2005	142	0	0	0	0
23	Kalasin University	59	4193	9013	Thailand	2015	66	0	0	0	0
24	University of the Thai Chamber of Commerce	61	4243	9089	Thailand	1984	15	0	0	0	0
25	Praboromarajchanok Institute	64	4306	9215	Thailand	1993	8	0	0	0	0
26	Navamindradhiraj University	66	4381	9342	Thailand	2010	44	0	0	0	0
27	Phranakhon Si Ayutthaya Rajabhat University	73	4883	10244	Thailand	1985	8	0	0	0	1
28	Boromarajonani College of Nursing	74	4889	10254	Thailand	1994	6	0	0	0	1
29	Christian University of Thailand	75	4892	10261	Thailand	1983	6	0	0	0	0
30	Thai-Nichi Institute of Technology	78	5398	11117	Thailand	2007	7	0	0	0	0
31	Chulabhorn Royal Academy	82	5547	11345	Thailand	2016	21	0	0	0	0
32	Princess of Naradhiwas University	84	5587	11400	Thailand	2005	25	0	0	0	0
33	Sukhothai Thammathirat Open University	87	5938	12023	Thailand	1995	101	0	0	0	0
34	Kasem Bundit University	90	6077	12195	Thailand	1987	29	0	0	0	0
35	St Theresa International College	96	6314	12526	Thailand	2001	15	0	0	0	0
36	Webster University Thailand	98	6641	13093	Thailand	1997	3	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Thailand Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
37	Fatoni University	99	6780	13357	Thailand	1998	11	0	0	0	0
38	Stamford International University	102	7193	14005	Thailand	1995	17	0	0	0	0
39	Chiang Rai Rajabhat University	103	7237	14054	Thailand	1992	22	0	0	0	0
40	Roi Et Rajabhat University	104	7421	14287	Thailand	2001	16	0	0	0	0
41	Sisaket Rajabhat University	105	7607	14531	Thailand	2005	14	0	0	0	0
42	Shinawatra University	107	7654	14592	Thailand	1999	8	0	0	0	0
43	Sirindhorn College of Public Health	108	7675	14627	Thailand	1989	8	0	0	0	0
44	Pathumwan Institute of Technology	110	8043	15179	Thailand	1999	5	0	0	0	0
45	Vongchavalitkul University	115	8495	15865	Thailand	1984	4	0	0	0	0
46	Sirindhorn College of Public Health Phitsanulok	116	8499	15872	Thailand	2001	4	0	0	0	0
47	Southeast Bangkok College	117	8514	15898	Thailand	1999	3	0	0	0	0
48	International Buddhist College	119	8611	16051	Thailand	2005	3	0	0	0	0
49	North Bangkok University	121	8983	16661	Thailand	2000	13	0	0	0	0
50	Suvarnabhumi Institute of Technology	123	9124	16848	Thailand	2015	3	0	0	0	0
51	Pathumthani University	124	9248	17039	Thailand	1999	2	0	0	0	0
52	Rattana Bundit University	125	9300	17127	Thailand	1997	2	0	0	0	0
53	Thongsook College	126	9335	17179	Thailand	1994	1	0	0	0	0
54	Dusit Thani College	128	9519	17487	Thailand	1993	2	0	0	0	0
55	Phitsanulok Vocational College	129	9521	17493	Thailand	2014	1	0	0	0	0

Table VII. Institutions in Thailand top 10.000

#	Institution	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Thailand 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 Center for Genetic Engineering and Biotechnology, Thailand	1	126	657	Thailand	1983	148	1	6	15	33
2	Vidyasirimedhi Institute of Science and Technology (VISTEC)	2	143	713	Thailand	2015	18	1	6	8	12
3	National Nanotechnology Center	3	236	1016	Thailand	2003	50	0	3	6	11
4	National Science and Technology Development Agency	4	243	1036	Thailand	1991	53	0	3	5	8
5	Synchrotron Light Research Institute Thailand	5	311	1267	Thailand	1996	32	0	2	2	7
6	National Institute of Development Administration	6	367	1456	Thailand	1966	137	0	1	3	3
7	Chulabhorn Research Institute	7	415	1582	Thailand	1987	16	0	1	1	4
8	Thailand Institute of Nuclear Technology	8	425	1618	Thailand	2006	18	0	1	1	1
9	Sasin Graduate Institute of Business Administration Chulalongkorn University	9	483	1792	Thailand	1982	135	0	0	2	5
10	National Electronics and Computer Technology Center	10	485	1795	Thailand	1986	81	0	0	2	5
11	National Astronomical Research Institute of Thailand	11	496	1832	Thailand	2004	14	0	0	2	3
12	National Metal and Materials Technology Center	12	541	1963	Thailand	1986	26	0	0	1	3
13	Bank of Thailand, Puey Ungphakorn Institute for Economic Research	13	624	2198	Thailand	1949	12	0	0	0	2

#	Institution	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Thailand Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
14	Armed Forces Research Institute of Medical Sciences	14	649	2266	Thailand	1958	6	0	0	0	0
15	Chulabhorn Graduate Institute	15	655	2292	Thailand	2005	6	0	0	0	2
16	Neurological Institute of Thailand	16	747	2525	Thailand	2019	1	0	0	0	1
17	National Institute of Metrology Thailand	17	792	2644	Thailand	1998	8	0	0	0	0
18	Thailand Institute of Scientific and Technological Research	18	809	2692	Thailand	1963	7	0	0	0	0
19	Queen Sirikit National Institute of Child Health	19	821	2732	Thailand	1954	2	0	0	0	0
20	Queen Saovabha Memorial Institute	20	825	2741	Thailand	1912	2	0	0	0	0
21	Civil Aviation Training Center of Thailand	21	907	2988	Thailand	1961	1	0	0	0	0
22	Rajapark Institute	22	970	3121	Thailand	1993	1	0	0	0	0

### Table VIII. Companies in Thailand top 10.000

#	Company	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Thailand Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Charoen Pokphand Foods	1	189	1123	Thailand	1978	2	0	0	0	1
2	Indorama Ventures	2	208	1195	Thailand	1994	1	0	0	0	0
3	Siam Commercial Bank	3	283	1486	Thailand	1904	1	0	0	0	0
4	PTT Innovation	4	291	1522	Thailand	1968	1	0	0	0	0
5	Bangkok Hospital	5	382	1815	Thailand	1972	1	0	0	0	0
6	True Corporation	6	410	1886	Thailand	1990	1	0	0	0	0
7	Besins Healthcare	7	412	1893	Thailand	1885	1	0	0	0	0
8	Thaicom	8	424	1930	Thailand	1991	1	0	0	0	0
9	Prinsiri	9	430	1948	Thailand	2000	1	0	0	0	0
10	Bangkok Bank	10	436	1956	Thailand	1944	1	0	0	0	0
11	State Railway of Thailand	11	443	1969	Thailand	1890	1	0	0	0	0

### Table IX. Hospitals in Thailand top 10.000

#	Hospital	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in Thailand Top 10.000		Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Bumrungrad International Hospital	1	122	312	Thailand	1980	1	0	0	0	0