



Rankings for Scientist

University, Subject,
Country, Region, World

South Korea

Top 10000 Scientists

AD Scientific Index 2024



South Korea Top 10000 Scientists "AD Scientific Index 2024" World Scientist and University Rankings 2024

(Total 1.615.991 scientist, 219 country, 24.230 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, 24.230 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 h-indexes, including SCI-E or indexed journals, or non-indexed ancillary elements such as other journals, books or patents. Because the set of parameters used by each database is different from those used by others, each database may calculate different h-index values. Therefore, the h-indexes calculated by Google Scholar, Web of Science, Scopus and Publons may be different for the same researcher. For example, a researcher who has written more books than scientific papers may have a low h-index in the Web of Science despite having a high number of citations. Neither index is equivalent to the other because of their different scopes. Having a large number of publications indicates that the researcher is productive, but data alone may not be the true indicator of the researcher's success. For example, a researcher may have 10 publications that have received 400 citations. We can argue that this researcher is more successful than a researcher who has more than a hundred published papers that have received, let's say, 200 citations. Moreover, some valuable studies may not have been given the value they deserve for various reasons, such as the failure to use appropriate methods that would allow easy access through scientific channels. The high number of papers cited by other authors shows the value and extent of the contribution to the scientific literature.

The i10 index is another academic scoring system where the scores are calculated by Google

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

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

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 24,230 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:

1. Showing the status of universities and institutions in total and in the last 6 years according to H Index, i10 index and number of citations. Only in AD Scientific Index...
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, Elementary Teacher Education, Foreign Language Education, Guidance and Counseling, Mathematics and Science Education, Sociology of Education, Special Education. **Engineering & Technology:** Aerospace Engineering, Automotive Engineering, Bioengineering, Biomaterials and Tissue Engineering, Biomedical Engineering, Chemical Engineering, Civil Engineering, Computer Science, Earth Sciences, Electrical & Electronic Engineering, Electrical & Information Engineering, Energy Engineering, Environmental Science & Engineering, Food Science and Engineering, Geomatics Engineering, Industrial & Manufacturing Engineering, Marine Engineering, Mechanical Engineering, Mechatronics Engineering, Metallurgical & Materials Engineering, Meteorology & Atmospheric Sciences, Mining Engineering, Nanoscience and Nanotechnology, Nuclear Engineering, Petroleum Engineering, Textile Engineering. **History, Philosophy, Theology, Law / Law and Legal Studies.** **Medical and Health Sciences:** Anatomy, Anesthesiology and Reanimation, Audiology and Speech Pathology, Bacteriology, Biochemistry, Biophysics, Biostatistics, Cardiology, Cardiovascular Surgery, Chest Diseases, Child and Adolescent Psychiatry, Clinical Pathology, Dentistry, Dermatology and Venereology, Emergency Medicine, Endocrinology, Epidemiology and Public Health and Metabolism, Family Medicine, Forensic Medicine, Gastroenterology, General Surgery, Geriatrics, Health Sciences, Hematology, Histology and Embryology, Immunology, Infectious Diseases, Internal Medicine, Medical Biochemistry, Medical Biology, Medical Education, Medical Genetics, Medical Microbiology, Medical Oncology, Medical Parasitology, Medical Physics, Medical Physiology, Medical Virology, Microbiology, Molecular Biology, Mycology, Neonatology, Nephrology, Neurology, Neuroscience, Neurosurgery, Nuclear Medicine, Nursing and Midwifery, Nutrition and Dietetics, Obstetrics and Gynecology, Occupational Medicine, Ophthalmology, Optometry, Orthopedics and Traumatology, Otorhinolaryngology, Parasitology, Pathology, Pediatric Cardiology, Pediatric Endocrinology and Metabolism, Pediatric Gastroenterology, Pediatric Hematology, Pediatric Infectious Diseases, Pediatric Intensive Care, Pediatric Nephrology, Pediatric Neurology, Pediatric Pulmonology, Pediatric Rheumatology, Pediatric Surgery, Pediatrics and Child Health, Perinatology, Pharmacology, Pharmacy & Pharmaceutical Sciences, Physical Medicine, Physiology, Physiotherapy, Plastic Surgery, Podiatry, Psychiatry, Radiation Oncology, Radiology, Rheumatology, Sports Medicine, Thoracic Surgery, Urology, Veterinary Sciences, Virology. **Natural Sciences:** Biological Science, Chemical Sciences,

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

How 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 1.615.991 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

Citation Rankings is a unique service offered only by "AD Scientific Index". It is a ranking system derived from the number of citations to scientific articles of scientists. The Citation Rankings is a tool that lists the scientists whose scientific publications are most highly valued in a given field, discipline, university and country, and like the i10 index, this ranking can guide the development of meaningful incentives and academic policies. You can also see the "**last 6 years citation counts**".

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

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

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

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

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

Institution analysis with AD Scientific Index

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

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

{{REPLACE_IMG_1}}

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

{{REPLACE_IMG_2}}

c. Utah State University ranking in ALL INSTITUTIONS (university, institute, hospital, company) in the country, continent and world:

{{REPLACE_IMG_3}}

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

{{REPLACE_IMG_4}}

Ranking Criteria for Universities:

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

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

AD Scientific Index performs rankings using a single parameter, the number of "Valued and Productive Scientists" employed by a given university. This parameter, selected after years of observation, is calculated using the total H-index and i10-index values together with the number

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

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

A comparison of the AD Scientific Index scores of institutions with the scores of other ranked institutions will show a high degree of consistency between the scores. We use our methodology to rank institutions of different characteristics and sizes from different countries and all continents, and achieve very successful results through the ranking figures obtained. Given the ongoing processes of data entry and data cleansing for over 22,500 universities, we expect that data entry issues such as incomplete entries or human errors in data entry made by either the universities or our team will be resolved and lead to improved accuracy of results over time.

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

Institution analysis with AD Scientific Index

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

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 24,230 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 *1.615.991* scientists and academicians from *219* countries and *24.230* 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 [registration page of the website](#). You can use the individual or institutional registration option from this [page](#). **We do not respond to individual registration requests sent by e-mail.**

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

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

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

October 1, 2022 Total 1.082.054 scientist, 19.490 university

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

Could this work have been designed in another way?

It is not possible to measure the research capacity of a university or a researcher accurately on the basis of a few parameters. Assessments should include many other types of data, such as patents, research funding, incentives, published books, teaching intensity, congress presentations, and graduate and postgraduate teaching positions. A common criticism is why the Web of Science h-index is not used. Since it is not possible to 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 1.615.991 academicians and 24.230 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 registrations. 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 email.

How can I be included in the "AD Scientific Index"?

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

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

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

Fee Policy

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

What are the features of Registered Member?

Registered Member: Total H Index Rankings, Last 6 years H Index Rankings, Last 6 years / Total H Index, Total i10 Index Rankings, Last 6 years i10 Index Rankings, Last 6 years / Total i10 Index, Total Citation Rankings, Last 6 years Citation Rankings, Last 6 years / Total Citation, Subject Rankings: Etc. Engineering & Technology / Food Science and Engineering, AD Scientific Index ID, ORCID ID, Researchgate, Awards & Achievements, Email, University / Institution Rankings, Web Of Science Researcher ID, Scopus Author ID, Academic Degree, Institutional Web Address, Office, Company or Private Business link, Books - E-books, Lecture Notes
For information regarding **Registered Membership**: <https://www.adscientificindex.com/pricing/>

What are the differences of Premium Member?

Premium Member: In addition to Registered User Features, Ability to enter and make changes with password, All Education Information, All Work Experience, All Publications, All Articles and links, All Published Books and Book Chapters, All Presentations, All Courses, All Projects, All Editorial, Refereeing and Scientific Committee, Patents / Designs, Academic Grants and Awards, Artistic Activities, All Certificates / Courses / Trainings, Association and Community Memberships, Ability to hide picture, Ability to show the areas you want, Change of subject, Many comparisons on the dashboard and many other features
For information regarding **Premium Membership**: <https://www.adscientificindex.com/pricing/>

Institutional Registration

For information regarding institutional registration: <https://www.adscientificindex.com/pricing/>

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Table I. Number of scientists in South Korea top 10.000 according to Country

#	Country	Country Region Rank	Country World Rank	Scientists in South Korea Top 10.000	Total Institutions	Total Scientist
1	South Korea	3	14	10000	331	32890

Table II. All Types Institutions in South Korea top 10.000

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Seoul National University	1	2	60	South Korea	Public	1946	963	124	404	670	866
2	Yonsei University	2	17	187	South Korea	Private	1957	637	47	198	429	591
3	Korea Advanced Institute of Science & Technology KAIST	3	19	201	South Korea	Public	1971	513	48	184	338	466
4	Korea University	4	27	261	South Korea	Private	1905	466	26	152	293	429
5	Sungkyunkwan University	5	32	271	South Korea	Private	1398	376	44	148	254	345
6	Hanyang University	6	46	371	South Korea	Private	1939	366	24	105	234	335
7	Kyungpook National University	7	49	380	South Korea	Public	1946	401	19	102	252	363
8	Pohang University of Science & Technology	8	54	423	South Korea	Private	1986	257	30	89	159	232
9	Kyung Hee University	9	68	491	South Korea	Private	1949	273	18	75	167	243
10	University of Ulsan	10	80	532	South Korea	Private	1970	191	20	68	132	179
11	Korea Institute of Science and Technology	11	86	551	South Korea	Institution	1966	261	6	65	144	234
12	Pusan National University	12	89	575	South Korea	Public	1946	239	10	62	140	212
13	Ulsan National Institute of Science & Technology UNIST	13	102	643	South Korea	Public	2007	200	20	52	121	178
14	Chung Ang University	14	125	772	South Korea	Private	1918	164	4	41	97	148

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
15	Sejong University	15	132	796	South Korea	Private	1940	127	7	39	86	115
16	Chonnam National University	16	134	809	South Korea	Public	1952	130	7	38	87	111
17	Chungnam National University	17	135	819	South Korea	Public	1952	171	5	37	97	148
18	Inha University	18	136	820	South Korea	Private	1954	121	10	37	86	112
19	Gwangju Institute of Science & Technology	19	137	823	South Korea	Public	1993	118	8	37	80	111
20	Ajou University	20	140	836	South Korea	Private	1973	166	5	36	100	151
21	Yeungnam University	21	143	842	South Korea	Private	1947	130	6	36	82	113
22	Konkuk University	22	170	948	South Korea	Private	1946	127	5	30	73	108
23	Catholic University of Korea	23	173	952	South Korea	Private	1855	124	8	30	68	112
24	Dongguk University	24	175	956	South Korea	Private	1906	107	5	30	64	97
25	Ewha Womens University	25	192	1030	South Korea	Private	1886	117	4	26	71	106
26	Pukyong National University	26	229	1138	South Korea	Public	1924	88	2	22	61	79
27	Chungbuk National University	27	235	1150	South Korea	Public	1951	72	9	22	40	62
28	Jeonbuk National University	28	236	1160	South Korea	Public	1947	116	4	21	66	103
29	Kangwon National University	29	237	1164	South Korea	Public	2021	113	2	21	57	96
30	Gyeongsang National University	30	254	1213	South Korea	Public	1948	91	6	20	44	74

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
31	Gachon University	31	265	1250	South Korea	Private	1982	104	0	19	56	88
32	Daegu Gyeongbuk Institute of Science & Technology	32	280	1297	South Korea	Public	2004	101	3	18	61	92
33	Sogang University	33	287	1311	South Korea	Private	1960	72	2	18	46	66
34	National Cancer Center, Korea	34	304	1384	South Korea	Institution	2000	38	6	17	27	36
35	Incheon National University	35	322	1469	South Korea	Public	1979	66	1	15	36	57
36	Institute for Basic Science, Korea	36	345	1544	South Korea	Institution	2011	43	9	14	21	35
37	Dankook University	37	373	1653	South Korea	Private	1947	67	1	12	43	62
38	Korea Research Institute of Bioscience and Biotechnology	38	376	1671	South Korea	Institution	1985	56	3	12	34	47
39	Jeju National University	39	377	1674	South Korea	Public	1952	56	4	12	32	48
40	University of Seoul	40	378	1676	South Korea	Public	1918	48	2	12	32	42
41	Kwangwoon University	41	406	1765	South Korea	Private	1934	60	3	11	32	52
42	Chosun University	42	444	1886	South Korea	Private	1946	43	0	10	25	37
43	Sookmyung Women's University	43	471	1950	South Korea	Private	1948	29	1	10	15	25
44	Korea Astronomy and Space Science Institute	44	473	1953	South Korea	Institution	1974	21	2	10	15	20
45	Hallym University	45	477	1971	South Korea	Private	1982	63	0	9	45	57
46	Inje University	46	480	1986	South Korea	Private	1979	44	0	9	30	42

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
47	Soonchunhyang University	47	488	2017	South Korea	Private	1978	43	1	9	23	37
48	Kookmin University	48	519	2124	South Korea	Private	1946	48	1	8	22	43
49	Seoul National University of Science & Technology	49	564	2244	South Korea	Public	1969	67	1	7	30	52
50	Korea Basic Science Institute	50	574	2272	South Korea	Institution	1988	39	0	7	22	36
51	Samsung Electronics, South Korea	51	594	2327	South Korea	Company	1969	131	5	7	14	88
52	Korea Research Institute of Chemical Technology	52	622	2411	South Korea	Institution	1976	79	2	6	48	74
53	Hankuk University of Foreign Studies	53	649	2478	South Korea	Private	1954	27	0	6	18	24
54	Cha University	54	658	2496	South Korea	Private	1996	27	2	6	17	20
55	Dong-A University	55	684	2549	South Korea	Private	1946	14	0	6	14	14
56	Kyonggi University	56	688	2557	South Korea	Private	1947	22	1	6	13	19
57	Korea Institute of Energy Technology	57	713	2613	South Korea	Institution	2017	12	1	6	10	12
58	Changwon National University	58	735	2680	South Korea	Public	1969	35	0	5	21	32
59	Kongju National University	59	744	2696	South Korea	Public	1948	34	0	5	19	32
60	Soongsil University	60	748	2703	South Korea	Private	1897	42	1	5	18	37
61	Hongik University	61	769	2774	South Korea	Private	1946	33	0	5	13	27
62	Korea Institute of Energy Research	62	785	2809	South Korea	Institution	1979	20	0	5	12	18

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
63	Korea Institute for Advanced Study	63	804	2854	South Korea	Institution	1996	21	0	5	10	18
64	Korea Institute of Machinery and Materials	64	832	2926	South Korea	Institution	1976	20	0	5	7	13
65	Electronics and Telecommunications Research Institute	65	849	2974	South Korea	Institution	1976	64	0	4	24	54
66	Korea Atomic Energy Research Institute	66	858	2992	South Korea	Institution	1959	36	0	4	19	33
67	Naver	67	863	2999	South Korea	Company	1999	23	0	4	18	21
68	Korea Research Institute of Standards and Science	68	871	3022	South Korea	Institution	1975	44	0	4	16	39
69	Korea National University of Transportation	69	879	3030	South Korea	Public	1962	24	0	4	16	22
70	Kunsan National University	70	892	3059	South Korea	Public	1979	25	0	4	14	23
71	Myongji University	71	899	3070	South Korea	Private	1948	36	0	4	13	27
72	Kumoh National Institute of Technology	72	908	3087	South Korea	Public	1979	30	1	4	12	25
73	Gangneung-Wonju National University	73	934	3142	South Korea	Public	1905	19	0	4	10	15
74	Sunchon National University	74	938	3155	South Korea	Public	1935	13	0	4	10	11
75	Korea Food Research Institute	75	968	3227	South Korea	Institution	1987	15	0	4	7	15
76	Korea Polytechnic University	76	978	3264	South Korea	Private	1998	10	0	4	6	9
77	Keimyung University	77	1026	3415	South Korea	Private	1954	20	0	3	12	16
78	Korea Institute of Ocean Science and Technology	78	1032	3434	South Korea	Institution	2012	18	1	3	11	16

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
79	Mokpo National University	79	1074	3540	South Korea	Public	1946	18	1	3	8	15
80	Korea Institute of Oriental Medicine	80	1091	3588	South Korea	Institution	2015	17	1	3	7	16
81	Catholic Kwandong University	81	1133	3703	South Korea	Private	1954	7	0	3	5	7
82	Woosuk University	82	1140	3722	South Korea	Private	1979	9	0	3	5	9
83	Jeonju University	83	1181	3838	South Korea	Private	1964	5	0	3	3	4
84	Rural Development Administration	84	1197	3888	South Korea	Public	1962	49	0	2	14	32
85	Korea Polar Research Institute	85	1199	3897	South Korea	Institution	2004	29	0	2	13	24
86	Chonbuk National University	86	1206	3908	South Korea	Public	1947	23	0	2	12	17
87	Daegu University	87	1207	3909	South Korea	Private	1956	22	1	2	12	17
88	Korea Institute of Geoscience and Mineral Resources	88	1212	3927	South Korea	Institution	2014	23	2	2	11	20
89	Wonkwang University	89	1236	3981	South Korea	Private	1953	25	0	2	9	17
90	Korea electrotechnology Research Institute (한국전기연구원)	90	1243	4003	South Korea	Institution	2008	10	0	2	9	9
91	Sangmyung University	91	1254	4032	South Korea	Private	1937	17	0	2	8	16
92	LG Electronics	92	1261	4042	South Korea	Company	1947	13	0	2	8	13
93	Hannam University	93	1284	4109	South Korea	Private	1956	10	0	2	7	10

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94	World Institute of Kimchi	94	1322	4203	South Korea	Institution	2010	12	1	2	6	10
95	Hyundai Motor Company	95	1334	4244	South Korea	Company	1967	12	0	2	5	9
96	Seoul Women's University	96	1360	4300	South Korea	Private	1961	8	0	2	5	7
97	Korea Institute of Ceramic Engineering and Technology	97	1372	4328	South Korea	Institution	2017	20	1	2	4	16
98	Suwon University	98	1432	4500	South Korea	Private	1977	10	0	2	3	8
99	Cheongju University	99	1438	4511	South Korea	Private	1946	7	0	2	3	6
100	Silla University	100	1519	4706	South Korea	Private	1969	4	0	2	2	3
101	Hanbat National University	101	1557	4823	South Korea	Public	1927	30	0	1	9	22
102	Korea Institute of Industrial Technology	102	1572	4852	South Korea	Institution	1989	27	0	1	8	21
103	Andong National University	103	1578	4878	South Korea	Public	1947	15	0	1	8	12
104	Hankyong National University	104	1594	4916	South Korea	Public	1939	14	0	1	7	12
105	Sun Moon University	105	1600	4937	South Korea	Private	1989	13	0	1	7	11
106	Korea Maritime and Ocean University	106	1607	4972	South Korea	Public	1945	16	0	1	6	11
107	SK Telecom	107	1763	5376	South Korea	Company	1984	13	0	1	3	11
108	Konyang University	108	1777	5420	South Korea	Private	1991	9	0	1	3	9
109	Gyeongnam National University of Science & Technology	109	1840	5555	South Korea	Public	1985	6	0	1	3	6

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110	Kyungnam University	110	1847	5566	South Korea	Private	1946	4	0	1	3	3
111	Korea National University of Education	111	1928	5774	South Korea	Public	1984	6	0	1	2	4
112	Kyungil University	112	1931	5779	South Korea	Private	1963	5	0	1	2	5
113	Dongshin University	113	2008	5963	South Korea	Private	1987	4	0	1	2	4
114	Handong Global University	114	2100	6154	South Korea	Private	1995	7	0	1	1	5
115	Hoseo University	115	2134	6223	South Korea	Private	1978	2	0	1	1	1
116	Korea National Open University	116	2179	6307	South Korea	Public	2009	2	0	1	1	2
117	Hanseu University	117	2188	6323	South Korea	Private	1992	3	0	1	1	2
118	Arontier co.	118	2192	6328	South Korea	Company	2018	3	0	1	1	2
119	Asia Pacific Center for Theoretical Physics	119	2193	6336	South Korea	Institution	1996	3	0	1	1	3
120	Woosong University	120	2211	6387	South Korea	Private	1954	2	0	1	1	2
121	Kosin University	121	2213	6391	South Korea	Private	1946	2	0	1	1	1
122	Tech University of Korea	122	2216	6397	South Korea	Private	1997	2	0	1	1	2
123	IBS Center for Quantum Nanoscience Seoul	123	2256	6488	South Korea	Institution	2017	1	0	1	1	1
124	ILIAS Biologics	124	2333	6629	South Korea	Company	2000	2	0	1	1	2
125	Korea Telecom	125	2346	6658	South Korea	Company	1981	1	0	1	1	1

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126	Yong-In University	126	2367	6696	South Korea	Private	1953	1	0	1	1	1
127	3billion, Inc.	127	2415	6784	South Korea	Company	2000	1	0	1	1	1
128	Daeduk University	128	2479	6960	South Korea	Private	1980	1	0	1	1	1
129	Korea University of Technology and Education KoreaTech	129	2493	7015	South Korea	Public	1991	16	0	0	6	14
130	Korea Aerospace University	130	2508	7057	South Korea	Private	1952	14	0	0	5	11
131	Eulji University	131	2510	7066	South Korea	Private	1967	9	0	0	5	8
132	Sungshin Women's University	132	2513	7072	South Korea	Private	1936	12	0	0	5	11
133	National Fusion Research Institute	133	2525	7095	South Korea	Institution	2016	8	0	0	5	8
134	Duksung Women's University	134	2554	7179	South Korea	Private	1950	9	0	0	4	8
135	Catholic University of Daegu	135	2579	7248	South Korea	Private	1914	15	0	0	3	11
136	Agency for Defense Development, Korea	136	2596	7301	South Korea	Institution	1970	8	0	0	3	5
137	Sahmyook University	137	2628	7388	South Korea	Private	1906	5	0	0	3	5
138	Daegu Haany University	138	2638	7400	South Korea	Private	1981	5	0	0	3	4
139	Institute for Advanced Engineering	139	2659	7441	South Korea	Institution		3	0	0	3	3
140	Daejeon University	140	2691	7514	South Korea	Private	1979	9	0	0	2	8
141	Dong Eui University	141	2738	7652	South Korea	Private	1976	6	0	0	2	4

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142	Hansung University	142	2758	7702	South Korea	Private	1945	3	0	0	2	3
143	KEPCO	143	2762	7709	South Korea	Company	1982	6	0	0	2	4
144	Kyungsoong University	144	2788	7784	South Korea	Private	1955	5	0	0	2	5
145	Kimberly-Clark Corporation	145	2830	7875	South Korea	Company	1872	2	0	0	2	2
146	Dongduk Women's University	146	2869	7947	South Korea	Private	1950	3	0	0	2	3
147	Yeungnam University College	147	2942	8119	South Korea	Private	1947	7	0	0	1	4
148	Korea Institute of Science and Technology Information	148	2966	8174	South Korea	Institution	1962	6	0	0	1	2
149	Dongseo University	149	2980	8206	South Korea	Private	1992	6	0	0	1	5
150	Korea Railroad Research Institute	150	3002	8267	South Korea	Institution	1996	5	0	0	1	4
151	Tongmyong University	151	3093	8490	South Korea	Private	1977	3	0	0	1	3
152	Korea Military Academy	152	3138	8606	South Korea	Public	1946	3	0	0	1	2
153	Joongbu University	153	3247	8833	South Korea	Private	1984	2	0	0	1	2
154	Semyung University	154	3258	8854	South Korea	Private	1991	3	0	0	1	1
155	Anyang University	155	3264	8864	South Korea	Private	1948	3	0	0	1	1
156	Daelim College	156	3390	9137	South Korea	Private	1881	2	0	0	1	2

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157	Institut Pasteur Korea	157	3419	9184	South Korea	Institution	2004	1	0	0	1	1
158	Kolon Industries	158	3484	9320	South Korea	Company	1957	2	0	0	1	2
159	Kangnam University	159	3616	9613	South Korea	Private	1946	1	0	0	1	1
160	Dongyang University	160	3750	9877	South Korea	Private	1994	1	0	0	1	1
161	Avixgen	161	3819	10044	South Korea	Company	2000	1	0	0	1	1
162	Sangji University	162	3957	10397	South Korea	Private	1974	4	0	0	0	3
163	University of Science & Technology Daejeon	163	3982	10464	South Korea	Public	2003	2	0	0	0	1
164	Korea Aerospace Research Institute	164	4085	10693	South Korea	Institution	1989	1	0	0	0	1
165	Amorepacific	165	4141	10818	South Korea	Company	1945	1	0	0	0	1
166	Mokpo National Maritime University	166	4155	10844	South Korea	Public	1950	2	0	0	0	1
167	Jungwon University	168	4229	10997	South Korea	Private	2009	1	0	0	0	1
168	Kakao Brain	169	4332	11221	South Korea	Company	2017	2	0	0	0	1
169	POSCO	170	4353	11263	South Korea	Company	1968	2	0	0	0	1
170	Ghent University Global Campus	172	4390	11340	South Korea	Public	1817	2	0	0	0	1
171	Seokyeong University	174	4445	11443	South Korea	Private	1947	2	0	0	0	1
172	Mokwon University	175	4451	11454	South Korea	Private	1954	1	0	0	0	0

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
173	Guangju University	176	4460	11475	South Korea	Private	1980	1	0	0	0	0
174	Korea Maritime Institute	177	4497	11543	South Korea	Institution	1984	1	0	0	0	0
175	Macrogen	178	4594	11744	South Korea	Company	1997	2	0	0	0	2
176	Inha Technical College	180	4675	11913	South Korea	Private	1958	1	0	0	0	0
177	Baekseok University	183	5020	12546	South Korea	Private	1994	1	0	0	0	0
178	Cheju Halla University	188	5222	12925	South Korea	Private	1957	1	0	0	0	1
179	Tomocube	193	5477	13401	South Korea	Company	2016	1	0	0	0	0
180	Chinju National University of Education	195	5507	13467	South Korea	Public	1923	1	0	0	0	1
181	Graphene Square Inc	197	5559	13573	South Korea	Company	2012	1	0	0	0	1
182	Korean Bible University	198	5582	13621	South Korea	Private	1952	1	0	0	0	0
183	Osan University	200	5592	13643	South Korea	Public	1979	1	0	0	0	1
184	Gangseo University	203	5791	14048	South Korea	Private	1958	1	0	0	0	1
185	University of Brain Education	204	5802	14085	South Korea	Private	2002	1	0	0	0	0
186	Cheongju National University of Education	205	5867	14193	South Korea	Public	1941	1	0	0	0	1
187	ABL Bio	206	5889	14235	South Korea	Company	2016	1	0	0	0	1
188	Sehan University	207	5890	14237	South Korea	Private	1994	1	0	0	0	1

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
189	Hyupsung University	208	5892	14240	South Korea	Private	1977	1	0	0	0	1
190	Kwangju Women's University	211	5979	14403	South Korea	Private	1992	1	0	0	0	1
191	Bertis Inc.	212	6015	14482	South Korea	Company	2015	1	0	0	0	1
192	AtoGen	213	6028	14519	South Korea	Company	2010	1	0	0	0	1
193	Genome Opinion	214	6043	14562	South Korea	Company	2013	1	0	0	0	1
194	Shin Ansan University	215	6044	14563	South Korea	Private	1994	1	0	0	0	1
195	Kunjang College	216	6062	14617	South Korea	Private	1993	1	0	0	0	0

Table III. All Universities in South Korea top 10.000

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Seoul National University	1	2	58	South Korea	Public	1946	963	124	404	670	866
2	Yonsei University	2	17	173	South Korea	Private	1957	637	47	198	429	591
3	Korea Advanced Institute of Science & Technology KAIST	3	19	185	South Korea	Public	1971	513	48	184	338	466
4	Korea University	4	27	235	South Korea	Private	1905	466	26	152	293	429
5	Sungkyunkwan University	5	32	245	South Korea	Private	1398	376	44	148	254	345
6	Hanyang University	6	46	334	South Korea	Private	1939	366	24	105	234	335
7	Kyungpook National University	7	49	343	South Korea	Public	1946	401	19	102	252	363
8	Pohang University of Science & Technology	8	53	380	South Korea	Private	1986	257	30	89	159	232
9	Kyung Hee University	9	67	438	South Korea	Private	1949	273	18	75	167	243
10	University of Ulsan	10	79	475	South Korea	Private	1970	191	20	68	132	179
11	Pusan National University	11	87	512	South Korea	Public	1946	239	10	62	140	212
12	Ulsan National Institute of Science & Technology UNIST	12	99	566	South Korea	Public	2007	200	20	52	121	178

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
13	Chung Ang University	13	118	660	South Korea	Private	1918	164	4	41	97	148
14	Sejong University	14	125	680	South Korea	Private	1940	127	7	39	86	115
15	Chonnam National University	15	128	691	South Korea	Public	1952	130	7	38	87	111
16	Chungnam National University	16	129	697	South Korea	Public	1952	171	5	37	97	148
17	Inha University	17	130	698	South Korea	Private	1954	121	10	37	86	112
18	Gwangju Institute of Science & Technology	18	131	701	South Korea	Public	1993	118	8	37	80	111
19	Ajou University	19	134	709	South Korea	Private	1973	166	5	36	100	151
20	Yeungnam University	20	137	715	South Korea	Private	1947	130	6	36	82	113
21	Konkuk University	21	159	781	South Korea	Private	1946	127	5	30	73	108
22	Catholic University of Korea	22	162	785	South Korea	Private	1855	124	8	30	68	112
23	Dongguk University	23	164	788	South Korea	Private	1906	107	5	30	64	97
24	Ewha Womens University	24	179	841	South Korea	Private	1886	117	4	26	71	106
25	Pukyong National University	25	203	911	South Korea	Public	1924	88	2	22	61	79
26	Chungbuk National University	26	209	921	South Korea	Public	1951	72	9	22	40	62

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
27	Jeonbuk National University	27	210	925	South Korea	Public	1947	116	4	21	66	103
28	Kangwon National University	28	211	929	South Korea	Public	2021	113	2	21	57	96
29	Gyeongsang National University	29	227	967	South Korea	Public	1948	91	6	20	44	74
30	Gachon University	30	233	979	South Korea	Private	1982	104	0	19	56	88
31	Daegu Gyeongbuk Institute of Science & Technology	31	246	1011	South Korea	Public	2004	101	3	18	61	92
32	Sogang University	32	251	1022	South Korea	Private	1960	72	2	18	46	66
33	Incheon National University	33	276	1118	South Korea	Public	1979	66	1	15	36	57
34	Dankook University	34	314	1211	South Korea	Private	1947	67	1	12	43	62
35	Jeju National University	35	317	1228	South Korea	Public	1952	56	4	12	32	48
36	University of Seoul	36	318	1229	South Korea	Public	1918	48	2	12	32	42
37	Kwangwoon University	37	340	1276	South Korea	Private	1934	60	3	11	32	52
38	Chosun University	38	368	1354	South Korea	Private	1946	43	0	10	25	37
39	Sookmyung Women's University	39	388	1395	South Korea	Private	1948	29	1	10	15	25
40	Hallym University	40	393	1407	South Korea	Private	1982	63	0	9	45	57

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
41	Inje University	41	396	1420	South Korea	Private	1979	44	0	9	30	42
42	Soonchunhyang University	42	401	1442	South Korea	Private	1978	43	1	9	23	37
43	Kookmin University	43	428	1508	South Korea	Private	1946	48	1	8	22	43
44	Seoul National University of Science & Technology	44	452	1567	South Korea	Public	1969	67	1	7	30	52
45	Hankuk University of Foreign Studies	45	513	1710	South Korea	Private	1954	27	0	6	18	24
46	Cha University	46	518	1719	South Korea	Private	1996	27	2	6	17	20
47	Dong-A University	47	537	1756	South Korea	Private	1946	14	0	6	14	14
48	Kyonggi University	48	540	1760	South Korea	Private	1947	22	1	6	13	19
49	Changwon National University	49	571	1821	South Korea	Public	1969	35	0	5	21	32
50	Kongju National University	50	580	1836	South Korea	Public	1948	34	0	5	19	32
51	Soongsil University	51	583	1841	South Korea	Private	1897	42	1	5	18	37
52	Hongik University	52	600	1886	South Korea	Private	1946	33	0	5	13	27
53	Korea National University of Transportation	53	668	2015	South Korea	Public	1962	24	0	4	16	22

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
54	Kunsan National University	54	681	2041	South Korea	Public	1979	25	0	4	14	23
55	Myongji University	55	688	2051	South Korea	Private	1948	36	0	4	13	27
56	Kumoh National Institute of Technology	56	696	2064	South Korea	Public	1979	30	1	4	12	25
57	Gangneung-Wonju National University	57	715	2105	South Korea	Public	1905	19	0	4	10	15
58	Sunchon National University	58	719	2113	South Korea	Public	1935	13	0	4	10	11
59	Korea Polytechnic University	59	747	2179	South Korea	Private	1998	10	0	4	6	9
60	Keimyung University	60	780	2274	South Korea	Private	1954	20	0	3	12	16
61	Mokpo National University	61	814	2359	South Korea	Public	1946	18	1	3	8	15
62	Catholic Kwandong University	62	856	2448	South Korea	Private	1954	7	0	3	5	7
63	Woosuk University	63	862	2459	South Korea	Private	1979	9	0	3	5	9
64	Jeonju University	64	888	2516	South Korea	Private	1964	5	0	3	3	4
65	Rural Development Administration	65	901	2547	South Korea	Public	1962	49	0	2	14	32
66	Chonbuk National University	66	909	2565	South Korea	Public	1947	23	0	2	12	17
67	Daegu University	67	910	2566	South Korea	Private	1956	22	1	2	12	17

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
68	Wonkwang University	68	934	2617	South Korea	Private	1953	25	0	2	9	17
69	Sangmyung University	69	949	2655	South Korea	Private	1937	17	0	2	8	16
70	Hannam University	70	973	2718	South Korea	Private	1956	10	0	2	7	10
71	Seoul Women's University	71	1029	2842	South Korea	Private	1961	8	0	2	5	7
72	Suwon University	72	1086	2976	South Korea	Private	1977	10	0	2	3	8
73	Cheongju University	73	1092	2986	South Korea	Private	1946	7	0	2	3	6
74	Silla University	74	1153	3102	South Korea	Private	1969	4	0	2	2	3
75	Hanbat National University	75	1178	3162	South Korea	Public	1927	30	0	1	9	22
76	Andong National University	76	1197	3203	South Korea	Public	1947	15	0	1	8	12
77	Hankyong National University	77	1212	3234	South Korea	Public	1939	14	0	1	7	12
78	Sun Moon University	78	1216	3246	South Korea	Private	1989	13	0	1	7	11
79	Korea Maritime and Ocean University	79	1222	3266	South Korea	Public	1945	16	0	1	6	11
80	Konyang University	80	1354	3579	South Korea	Private	1991	9	0	1	3	9
81	Gyeongnam National University of Science & Technology	81	1402	3676	South Korea	Public	1985	6	0	1	3	6

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
82	Kyungnam University	82	1407	3684	South Korea	Private	1946	4	0	1	3	3
83	Korea National University of Education	83	1470	3834	South Korea	Public	1984	6	0	1	2	4
84	Kyungil University	84	1473	3838	South Korea	Private	1963	5	0	1	2	5
85	Dongshin University	85	1535	3967	South Korea	Private	1987	4	0	1	2	4
86	Handong Global University	86	1602	4080	South Korea	Private	1995	7	0	1	1	5
87	Hoseo University	87	1634	4137	South Korea	Private	1978	2	0	1	1	1
88	Korea National Open University	88	1674	4201	South Korea	Public	2009	2	0	1	1	2
89	Hanseο University	89	1680	4211	South Korea	Private	1992	3	0	1	1	2
90	Woosong University	90	1698	4258	South Korea	Private	1954	2	0	1	1	2
91	Kosin University	91	1700	4261	South Korea	Private	1946	2	0	1	1	1
92	Tech University of Korea	92	1703	4265	South Korea	Private	1997	2	0	1	1	2
93	Yong-In University	93	1829	4464	South Korea	Private	1953	1	0	1	1	1
94	Daeduk University	94	1920	4624	South Korea	Private	1980	1	0	1	1	1

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
95	Korea University of Technology and Education KoreaTech	95	1933	4671	South Korea	Public	1991	16	0	0	6	14
96	Korea Aerospace University	96	1943	4700	South Korea	Private	1952	14	0	0	5	11
97	Eulji University	97	1944	4706	South Korea	Private	1967	9	0	0	5	8
98	Sungshin Women's University	98	1947	4709	South Korea	Private	1936	12	0	0	5	11
99	Duksung Women's University	99	1978	4786	South Korea	Private	1950	9	0	0	4	8
100	Catholic University of Daegu	100	1996	4833	South Korea	Private	1914	15	0	0	3	11
101	Sahmyook University	101	2036	4929	South Korea	Private	1906	5	0	0	3	5
102	Daegu Haany University	102	2044	4938	South Korea	Private	1981	5	0	0	3	4
103	Daejeon University	103	2088	5029	South Korea	Private	1979	9	0	0	2	8
104	Dong Eui University	104	2130	5141	South Korea	Private	1976	6	0	0	2	4
105	Hansung University	105	2144	5172	South Korea	Private	1945	3	0	0	2	3
106	Kyungsung University	106	2170	5234	South Korea	Private	1955	5	0	0	2	5
107	Dongduk Women's University	107	2232	5340	South Korea	Private	1950	3	0	0	2	3
108	Yeungnam University College	108	2290	5451	South Korea	Private	1947	7	0	0	1	4

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
109	Dongseo University	109	2322	5523	South Korea	Private	1992	6	0	0	1	5
110	Tongmyong University	110	2419	5749	South Korea	Private	1977	3	0	0	1	3
111	Korea Military Academy	111	2460	5846	South Korea	Public	1946	3	0	0	1	2
112	Joongbu University	112	2557	6018	South Korea	Private	1984	2	0	0	1	2
113	Semyung University	113	2567	6034	South Korea	Private	1991	3	0	0	1	1
114	Anyang University	114	2572	6042	South Korea	Private	1948	3	0	0	1	1
115	Daelim College	115	2677	6252	South Korea	Private	1881	2	0	0	1	2
116	Kangnam University	116	2864	6580	South Korea	Private	1946	1	0	0	1	1
117	Dongyang University	117	2976	6783	South Korea	Private	1994	1	0	0	1	1
118	Sangji University	118	3148	7150	South Korea	Private	1974	4	0	0	0	3
119	University of Science & Technology Daejeon	119	3168	7204	South Korea	Public	2003	2	0	0	0	1
120	Mokpo National Maritime University	120	3324	7525	South Korea	Public	1950	2	0	0	0	1
121	Jungwon University	122	3392	7646	South Korea	Private	2009	1	0	0	0	1
122	Ghent University Global Campus	123	3532	7919	South Korea	Public	1817	2	0	0	0	1

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
123	Seokyeong University	125	3583	8006	South Korea	Private	1947	2	0	0	0	1
124	Mokwon University	126	3588	8014	South Korea	Private	1954	1	0	0	0	0
125	Guangju University	127	3596	8029	South Korea	Private	1980	1	0	0	0	0
126	Inha Technical College	129	3789	8365	South Korea	Private	1958	1	0	0	0	0
127	Baekseok University	132	4107	8893	South Korea	Private	1994	1	0	0	0	0
128	Cheju Halla University	136	4294	9211	South Korea	Private	1957	1	0	0	0	1
129	Chinju National University of Education	141	4542	9658	South Korea	Public	1923	1	0	0	0	1
130	Korean Bible University	142	4600	9776	South Korea	Private	1952	1	0	0	0	0
131	Osan University	144	4608	9793	South Korea	Public	1979	1	0	0	0	1
132	Gangseo University	145	4783	10094	South Korea	Private	1958	1	0	0	0	1
133	University of Brain Education	146	4793	10126	South Korea	Private	2002	1	0	0	0	0
134	Cheongju National University of Education	147	4851	10218	South Korea	Public	1941	1	0	0	0	1
135	Sehan University	148	4868	10251	South Korea	Private	1994	1	0	0	0	1

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
136	Hyupsung University	149	4870	10254	South Korea	Private	1977	1	0	0	0	1
137	Kwangju Women's University	151	4937	10379	South Korea	Private	1992	1	0	0	0	1
138	Shin Ansan University	152	4984	10461	South Korea	Private	1994	1	0	0	0	1
139	Kunjang College	153	4994	10479	South Korea	Private	1993	1	0	0	0	0

Table IV. Public Universities in South Korea top 10.000

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Seoul National University	1	2	46	South Korea	1946	963	124	404	670	866
2	Korea Advanced Institute of Science & Technology KAIST	2	18	160	South Korea	1971	513	48	184	338	466
3	Kyungpook National University	3	45	301	South Korea	1946	401	19	102	252	363
4	Pusan National University	4	78	455	South Korea	1946	239	10	62	140	212
5	Ulsan National Institute of Science & Technology UNIST	5	89	505	South Korea	2007	200	20	52	121	178
6	Chonnam National University	6	113	615	South Korea	1952	130	7	38	87	111
7	Chungnam National University	7	114	621	South Korea	1952	171	5	37	97	148
8	Gwangju Institute of Science & Technology	8	115	624	South Korea	1993	118	8	37	80	111
9	Pukyong National University	9	170	795	South Korea	1924	88	2	22	61	79
10	Chungbuk National University	10	176	805	South Korea	1951	72	9	22	40	62
11	Jeonbuk National University	11	177	809	South Korea	1947	116	4	21	66	103
12	Kangwon National University	12	178	813	South Korea	2021	113	2	21	57	96
13	Gyeongsang National University	13	192	844	South Korea	1948	91	6	20	44	74
14	Daegu Gyeongbuk Institute of Science & Technology	14	208	880	South Korea	2004	101	3	18	61	92
15	Incheon National University	15	232	972	South Korea	1979	66	1	15	36	57
16	Jeju National University	16	267	1064	South Korea	1952	56	4	12	32	48
17	University of Seoul	17	268	1065	South Korea	1918	48	2	12	32	42
18	Seoul National University of Science & Technology	18	369	1326	South Korea	1969	67	1	7	30	52
19	Changwon National University	19	458	1517	South Korea	1969	35	0	5	21	32

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
20	Kongju National University	20	466	1528	South Korea	1948	34	0	5	19	32
21	Korea National University of Transportation	21	534	1664	South Korea	1962	24	0	4	16	22
22	Kunsan National University	22	543	1684	South Korea	1979	25	0	4	14	23
23	Kumoh National Institute of Technology	23	555	1704	South Korea	1979	30	1	4	12	25
24	Gangneung-Wonju National University	24	570	1735	South Korea	1905	19	0	4	10	15
25	Sunchon National University	25	573	1740	South Korea	1935	13	0	4	10	11
26	Mokpo National University	26	642	1922	South Korea	1946	18	1	3	8	15
27	Rural Development Administration	27	703	2049	South Korea	1962	49	0	2	14	32
28	Chonbuk National University	28	711	2065	South Korea	1947	23	0	2	12	17
29	Hanbat National University	29	882	2449	South Korea	1927	30	0	1	9	22
30	Andong National University	30	895	2478	South Korea	1947	15	0	1	8	12
31	Hankyong National University	31	904	2498	South Korea	1939	14	0	1	7	12
32	Korea Maritime and Ocean University	32	913	2525	South Korea	1945	16	0	1	6	11
33	Gyeongnam National University of Science & Technology	33	1027	2805	South Korea	1985	6	0	1	3	6
34	Korea National University of Education	34	1064	2898	South Korea	1984	6	0	1	2	4
35	Korea National Open University	35	1177	3109	South Korea	2009	2	0	1	1	2
36	Korea University of Technology and Education KoreaTech	36	1288	3349	South Korea	1991	16	0	0	6	14
37	Korea Military Academy	37	1591	4089	South Korea	1946	3	0	0	1	2

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
38	University of Science & Technology Daejeon	38	1896	4761	South Korea	2003	2	0	0	0	1
39	Mokpo National Maritime University	39	1968	4945	South Korea	1950	2	0	0	0	1
40	Ghent University Global Campus	40	2076	5166	South Korea	1817	2	0	0	0	1
41	Chinju National University of Education	42	2537	6041	South Korea	1923	1	0	0	0	1
42	Osan University	43	2565	6108	South Korea	1979	1	0	0	0	1
43	Cheongju National University of Education	44	2658	6299	South Korea	1941	1	0	0	0	1

Table V. Private Universities in South Korea top 10.000

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Yonsei University	1	1	25	South Korea	1957	637	47	198	429	591
2	Korea University	2	2	33	South Korea	1905	466	26	152	293	429
3	Sungkyunkwan University	3	3	34	South Korea	1398	376	44	148	254	345
4	Hanyang University	4	4	42	South Korea	1939	366	24	105	234	335
5	Pohang University of Science & Technology	5	6	48	South Korea	1986	257	30	89	159	232
6	Kyung Hee University	6	8	52	South Korea	1949	273	18	75	167	243
7	University of Ulsan	7	9	56	South Korea	1970	191	20	68	132	179
8	Chung Ang University	8	14	73	South Korea	1918	164	4	41	97	148
9	Sejong University	9	15	75	South Korea	1940	127	7	39	86	115
10	Inha University	10	16	77	South Korea	1954	121	10	37	86	112
11	Ajou University	11	17	79	South Korea	1973	166	5	36	100	151
12	Yeungnam University	12	18	81	South Korea	1947	130	6	36	82	113
13	Konkuk University	13	22	91	South Korea	1946	127	5	30	73	108
14	Catholic University of Korea	14	23	92	South Korea	1855	124	8	30	68	112
15	Dongguk University	15	24	93	South Korea	1906	107	5	30	64	97
16	Ewha Womens University	16	28	103	South Korea	1886	117	4	26	71	106
17	Gachon University	17	36	125	South Korea	1982	104	0	19	56	88
18	Sogang University	18	39	132	South Korea	1960	72	2	18	46	66
19	Dankook University	19	49	163	South Korea	1947	67	1	12	43	62
20	Kwangwoon University	20	56	176	South Korea	1934	60	3	11	32	52
21	Chosun University	21	62	191	South Korea	1946	43	0	10	25	37
22	Sookmyung Women's University	22	66	205	South Korea	1948	29	1	10	15	25
23	Hallym University	23	68	209	South Korea	1982	63	0	9	45	57

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
24	Inje University	24	69	211	South Korea	1979	44	0	9	30	42
25	Soonchunhyang University	25	71	216	South Korea	1978	43	1	9	23	37
26	Kookmin University	26	78	228	South Korea	1946	48	1	8	22	43
27	Hankuk University of Foreign Studies	27	96	277	South Korea	1954	27	0	6	18	24
28	Cha University	28	99	281	South Korea	1996	27	2	6	17	20
29	Dong-A University	29	103	292	South Korea	1946	14	0	6	14	14
30	Kyonggi University	30	104	293	South Korea	1947	22	1	6	13	19
31	Soongsil University	31	115	309	South Korea	1897	42	1	5	18	37
32	Hongik University	32	122	323	South Korea	1946	33	0	5	13	27
33	Myongji University	33	140	359	South Korea	1948	36	0	4	13	27
34	Korea Polytechnic University	34	156	396	South Korea	1998	10	0	4	6	9
35	Keimyung University	35	161	408	South Korea	1954	20	0	3	12	16
36	Catholic Kwandong University	36	181	464	South Korea	1954	7	0	3	5	7
37	Woosuk University	37	183	467	South Korea	1979	9	0	3	5	9
38	Jeonju University	38	196	495	South Korea	1964	5	0	3	3	4
39	Daegu University	39	199	501	South Korea	1956	22	1	2	12	17
40	Wonkwang University	40	205	513	South Korea	1953	25	0	2	9	17
41	Sangmyung University	41	210	525	South Korea	1937	17	0	2	8	16
42	Hannam University	42	217	549	South Korea	1956	10	0	2	7	10
43	Seoul Women's University	43	234	590	South Korea	1961	8	0	2	5	7
44	Suwon University	44	255	638	South Korea	1977	10	0	2	3	8
45	Cheongju University	45	257	643	South Korea	1946	7	0	2	3	6
46	Silla University	46	285	690	South Korea	1969	4	0	2	2	3
47	Sun Moon University	47	309	739	South Korea	1989	13	0	1	7	11
48	Konyang University	48	353	832	South Korea	1991	9	0	1	3	9

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
49	Kyungnam University	49	378	875	South Korea	1946	4	0	1	3	3
50	Kyungil University	50	407	937	South Korea	1963	5	0	1	2	5
51	Dongshin University	51	431	993	South Korea	1987	4	0	1	2	4
52	Handong Global University	52	469	1049	South Korea	1995	7	0	1	1	5
53	Hoseo University	53	477	1065	South Korea	1978	2	0	1	1	1
54	Hanseo University	54	500	1096	South Korea	1992	3	0	1	1	2
55	Woosong University	55	509	1119	South Korea	1954	2	0	1	1	2
56	Kosin University	56	510	1121	South Korea	1946	2	0	1	1	1
57	Tech University of Korea	57	512	1124	South Korea	1997	2	0	1	1	2
58	Yong-In University	58	584	1222	South Korea	1953	1	0	1	1	1
59	Daeduk University	59	641	1314	South Korea	1980	1	0	1	1	1
60	Korea Aerospace University	60	649	1332	South Korea	1952	14	0	0	5	11
61	Eulji University	61	650	1336	South Korea	1967	9	0	0	5	8
62	Sungshin Women's University	62	651	1337	South Korea	1936	12	0	0	5	11
63	Duksung Women's University	63	663	1361	South Korea	1950	9	0	0	4	8
64	Catholic University of Daegu	64	668	1376	South Korea	1914	15	0	0	3	11
65	Sahmyook University	65	682	1408	South Korea	1906	5	0	0	3	5
66	Daegu Haany University	66	687	1413	South Korea	1981	5	0	0	3	4
67	Daejeon University	67	706	1442	South Korea	1979	9	0	0	2	8
68	Dong Eui University	68	722	1479	South Korea	1976	6	0	0	2	4
69	Hansung University	69	730	1489	South Korea	1945	3	0	0	2	3
70	Kyungsung University	70	746	1521	South Korea	1955	5	0	0	2	5
71	Dongduk Women's University	71	776	1571	South Korea	1950	3	0	0	2	3

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
72	Yeungnam University College	72	794	1610	South Korea	1947	7	0	0	1	4
73	Dongseo University	73	807	1634	South Korea	1992	6	0	0	1	5
74	Tongmyong University	74	851	1713	South Korea	1977	3	0	0	1	3
75	Joongbu University	75	917	1842	South Korea	1984	2	0	0	1	2
76	Semyung University	76	922	1850	South Korea	1991	3	0	0	1	1
77	Anyang University	77	926	1855	South Korea	1948	3	0	0	1	1
78	Daelim College	78	987	1959	South Korea	1881	2	0	0	1	2
79	Kangnam University	79	1098	2144	South Korea	1946	1	0	0	1	1
80	Dongyang University	80	1176	2272	South Korea	1994	1	0	0	1	1
81	Sangji University	81	1267	2426	South Korea	1974	4	0	0	0	3
82	Jungwon University	83	1386	2635	South Korea	2009	1	0	0	0	1
83	Seokyeong University	85	1485	2801	South Korea	1947	2	0	0	0	1
84	Mokwon University	86	1488	2805	South Korea	1954	1	0	0	0	0
85	Guangju University	87	1494	2817	South Korea	1980	1	0	0	0	0
86	Inha Technical College	89	1596	2982	South Korea	1958	1	0	0	0	0
87	Baekseok University	92	1764	3220	South Korea	1994	1	0	0	0	0
88	Cheju Halla University	95	1867	3385	South Korea	1957	1	0	0	0	1
89	Korean Bible University	100	2038	3675	South Korea	1952	1	0	0	0	0
90	Gangseo University	102	2154	3850	South Korea	1958	1	0	0	0	1
91	University of Brain Education	103	2158	3867	South Korea	2002	1	0	0	0	0
92	Sehan University	104	2203	3936	South Korea	1994	1	0	0	0	1
93	Hyupsung University	105	2204	3937	South Korea	1977	1	0	0	0	1
94	Kwangju Women's University	107	2234	4003	South Korea	1992	1	0	0	0	1
95	Shin Ansan University	108	2259	4043	South Korea	1994	1	0	0	0	1
96	Kunjang College	109	2263	4048	South Korea	1993	1	0	0	0	0

Table VI. Young Universities in South Korea Top 10.000

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Pohang University of Science & Technology	8	53	380	South Korea	1986	257	30	89	159	232
2	Ulsan National Institute of Science & Technology UNIST	12	99	566	South Korea	2007	200	20	52	121	178
3	Gwangju Institute of Science & Technology	18	131	701	South Korea	1993	118	8	37	80	111
4	Kangwon National University	28	211	929	South Korea	2021	113	2	21	57	96
5	Gachon University	30	233	979	South Korea	1982	104	0	19	56	88
6	Daegu Gyeongbuk Institute of Science & Technology	31	246	1011	South Korea	2004	101	3	18	61	92
7	Incheon National University	33	276	1118	South Korea	1979	66	1	15	36	57
8	Hallym University	40	393	1407	South Korea	1982	63	0	9	45	57
9	Inje University	41	396	1420	South Korea	1979	44	0	9	30	42
10	Soonchunhyang University	42	401	1442	South Korea	1978	43	1	9	23	37
11	Cha University	46	518	1719	South Korea	1996	27	2	6	17	20
12	Kunsan National University	54	681	2041	South Korea	1979	25	0	4	14	23
13	Kumoh National Institute of Technology	56	696	2064	South Korea	1979	30	1	4	12	25
14	Korea Polytechnic University	59	747	2179	South Korea	1998	10	0	4	6	9
15	Woosuk University	63	862	2459	South Korea	1979	9	0	3	5	9
16	Suwon University	72	1086	2976	South Korea	1977	10	0	2	3	8
17	Sun Moon University	78	1216	3246	South Korea	1989	13	0	1	7	11
18	Konyang University	80	1354	3579	South Korea	1991	9	0	1	3	9

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
19	Gyeongnam National University of Science & Technology	81	1402	3676	South Korea	1985	6	0	1	3	6
20	Korea National University of Education	83	1470	3834	South Korea	1984	6	0	1	2	4
21	Dongshin University	85	1535	3967	South Korea	1987	4	0	1	2	4
22	Handong Global University	86	1602	4080	South Korea	1995	7	0	1	1	5
23	Hoseo University	87	1634	4137	South Korea	1978	2	0	1	1	1
24	Korea National Open University	88	1674	4201	South Korea	2009	2	0	1	1	2
25	Hanseu University	89	1680	4211	South Korea	1992	3	0	1	1	2
26	Tech University of Korea	92	1703	4265	South Korea	1997	2	0	1	1	2
27	Daeduk University	94	1920	4624	South Korea	1980	1	0	1	1	1
28	Korea University of Technology and Education KoreaTech	95	1933	4671	South Korea	1991	16	0	0	6	14
29	Daegu Haany University	102	2044	4938	South Korea	1981	5	0	0	3	4
30	Daejeon University	103	2088	5029	South Korea	1979	9	0	0	2	8
31	Dong Eui University	104	2130	5141	South Korea	1976	6	0	0	2	4
32	Dongseo University	109	2322	5523	South Korea	1992	6	0	0	1	5
33	Tongmyong University	110	2419	5749	South Korea	1977	3	0	0	1	3
34	Joongbu University	112	2557	6018	South Korea	1984	2	0	0	1	2
35	Semyung University	113	2567	6034	South Korea	1991	3	0	0	1	1
36	Dongyang University	117	2976	6783	South Korea	1994	1	0	0	1	1
37	Sangji University	118	3148	7150	South Korea	1974	4	0	0	0	3
38	University of Science & Technology Daejeon	119	3168	7204	South Korea	2003	2	0	0	0	1
39	Jungwon University	122	3392	7646	South Korea	2009	1	0	0	0	1
40	Guangju University	127	3596	8029	South Korea	1980	1	0	0	0	0

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
41	Baekseok University	132	4107	8893	South Korea	1994	1	0	0	0	0
42	Osan University	144	4608	9793	South Korea	1979	1	0	0	0	1
43	University of Brain Education	146	4793	10126	South Korea	2002	1	0	0	0	0
44	Sehan University	148	4868	10251	South Korea	1994	1	0	0	0	1
45	Hyupsung University	149	4870	10254	South Korea	1977	1	0	0	0	1
46	Kwangju Women's University	151	4937	10379	South Korea	1992	1	0	0	0	1
47	Shin Ansan University	152	4984	10461	South Korea	1994	1	0	0	0	1
48	Kunjang College	153	4994	10479	South Korea	1993	1	0	0	0	0

Table VII. Institutions in South Korea top 10.000

#	Institution	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Korea Institute of Science and Technology	1	2	48	South Korea	1966	261	6	65	144	234
2	National Cancer Center, Korea	2	37	258	South Korea	2000	38	6	17	27	36
3	Institute for Basic Science, Korea	3	48	322	South Korea	2011	43	9	14	21	35
4	Korea Research Institute of Bioscience and Biotechnology	4	55	371	South Korea	1985	56	3	12	34	47
5	Korea Astronomy and Space Science Institute	5	76	467	South Korea	1974	21	2	10	15	20
6	Korea Basic Science Institute	6	102	578	South Korea	1988	39	0	7	22	36
7	Korea Research Institute of Chemical Technology	7	120	637	South Korea	1976	79	2	6	48	74
8	Korea Institute of Energy Technology	8	139	695	South Korea	2017	12	1	6	10	12
9	Korea Institute of Energy Research	9	156	755	South Korea	1979	20	0	5	12	18
10	Korea Institute for Advanced Study	10	165	776	South Korea	1996	21	0	5	10	18
11	Korea Institute of Machinery and Materials	11	174	813	South Korea	1976	20	0	5	7	13
12	Electronics and Telecommunications Research Institute	12	179	835	South Korea	1976	64	0	4	24	54
13	Korea Atomic Energy Research Institute	13	181	838	South Korea	1959	36	0	4	19	33

#	Institution	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
14	Korea Research Institute of Standards and Science	14	183	844	South Korea	1975	44	0	4	16	39
15	Korea Food Research Institute	15	202	889	South Korea	1987	15	0	4	7	15
16	Korea Institute of Ocean Science and Technology	16	219	953	South Korea	2012	18	1	3	11	16
17	Korea Institute of Oriental Medicine	17	231	997	South Korea	2015	17	1	3	7	16
18	Korea Polar Research Institute	18	261	1111	South Korea	2004	29	0	2	13	24
19	Korea Institute of Geoscience and Mineral Resources	19	263	1117	South Korea	2014	23	2	2	11	20
20	Korea electrotechnology Research Institute (한국전기연구원)	20	268	1131	South Korea	2008	10	0	2	9	9
21	World Institute of Kimchi	21	280	1162	South Korea	2010	12	1	2	6	10
22	Korea Institute of Ceramic Engineering and Technology	22	288	1195	South Korea	2017	20	1	2	4	16
23	Korea Institute of Industrial Technology	23	324	1333	South Korea	1989	27	0	1	8	21
24	Asia Pacific Center for Theoretical Physics	24	430	1638	South Korea	1996	3	0	1	1	3
25	IBS Center for Quantum Nanoscience Seoul	25	439	1664	South Korea	2017	1	0	1	1	1
26	National Fusion Research Institute	26	465	1754	South Korea	2016	8	0	0	5	8
27	Agency for Defense Development, Korea	27	483	1800	South Korea	1970	8	0	0	3	5

#	Institution	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
28	Institute for Advanced Engineering	28	491	1833	South Korea		3	0	0	3	3
29	Korea Institute of Science and Technology Information	29	534	1949	South Korea	1962	6	0	0	1	2
30	Korea Railroad Research Institute	30	539	1962	South Korea	1996	5	0	0	1	4
31	Institut Pasteur Korea	31	582	2076	South Korea	2004	1	0	0	1	1
32	Korea Aerospace Research Institute	32	651	2280	South Korea	1989	1	0	0	0	1
33	Korea Maritime Institute	33	679	2363	South Korea	1984	1	0	0	0	0

Table VIII. Companies in South Korea top 10.000

#	Company	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Samsung Electronics, South Korea	1	7	66	South Korea	1969	131	5	7	14	88
2	Naver	2	14	103	South Korea	1999	23	0	4	18	21
3	LG Electronics	3	21	161	South Korea	1947	13	0	2	8	13
4	Hyundai Motor Company	4	25	175	South Korea	1967	12	0	2	5	9
5	SK Telecom	5	36	276	South Korea	1984	13	0	1	3	11
6	Arontier co.	6	52	360	South Korea	2018	3	0	1	1	2
7	ILIAS Biologics	7	58	398	South Korea	2000	2	0	1	1	2
8	Korea Telecom	8	59	403	South Korea	1981	1	0	1	1	1
9	3billion, Inc.	9	62	411	South Korea	2000	1	0	1	1	1
10	KEPCO	10	74	517	South Korea	1982	6	0	0	2	4
11	Kimberly-Clark Corporation	11	76	539	South Korea	1872	2	0	0	2	2
12	Kolon Industries	12	99	673	South Korea	1957	2	0	0	1	2
13	Avixgen	13	122	793	South Korea	2000	1	0	0	1	1
14	Amorepacific	14	131	846	South Korea	1945	1	0	0	0	1
15	Kakao Brain	15	134	877	South Korea	2017	2	0	0	0	1
16	POSCO	16	135	881	South Korea	1968	2	0	0	0	1
17	Macrogen	18	142	924	South Korea	1997	2	0	0	0	2
18	Tomocube	20	166	1046	South Korea	2016	1	0	0	0	0
19	Graphene Square Inc	22	170	1058	South Korea	2012	1	0	0	0	1
20	ABL Bio	25	186	1120	South Korea	2016	1	0	0	0	1
21	Bertis Inc.	27	199	1155	South Korea	2015	1	0	0	0	1
22	AtoGen	28	200	1167	South Korea	2010	1	0	0	0	1
23	Genome Opinion	29	205	1186	South Korea	2013	1	0	0	0	1

Table IX. Hospitals in South Korea top 10.000

#	Hospital	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in South Korea Top 10.000	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
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