

Rankings for Scientist

More Than a Ranking

Bosnia and Herzegovina's Universities and Research Institutions:

Comprehensive Analysis of 26 Universities and Institutions and 4,455 Scientists

AD Scientific Index 2025



Bosnia and Herzegovina's Universities and Research Institutions:

Comprehensive Analysis of 26 Universities and Institutions and 4,455 Scientists
World Scientist and University Rankings 2025

(Total 2.625.137 scientist, 221 country, 24.551 university)

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1. What is the AD Scientific Index (Alper-Doger Scientific Index)?

Developed in 2021 by **Prof. Dr. Murat Alper** and **Assoc. Prof. Dr. Cihan Döğer**, the AD Scientific Index is an **independent and international ranking system** that provides a multidimensional evaluation of the academic performance of scientists and institutions. Key highlights include:

- Original academic rankings, detailed analyses, and comparative results
- A resource guiding **policy development** to enhance scientific contributions and productivity
- Analysis of 2.625.137 scientists and 24.551 institutions across 13 major academic fields and 211 disciplines, covering 221 countries
- Data sourced from Google Scholar and subjected to rigorous multi-stage filtering processes
- Evaluation based on total and last six years' H-index, i10-index, and citation counts. Real-time updates ensure that rankings reflect current academic performance.

2. Why is the AD Scientific Index (Alper-Doger Scientific Index) Needed?

☐ Most **international university rankings** consider parameters like:

- Research productivity, impact, excellence
- Educational quality
- Faculty quality
- Research output
- Per capita performance

☐ Many of these rely heavily on **publication and citation counts** as key indicators of academic performance. However, these methods:

- Vary in **data sources** (e.g., SCIE, SSCI, InCites)
- Differ in what types of publications they count (articles, notes, conference papers, etc.)
- May emphasize **high-impact journals** (e.g., *Nature*, *Science*, *PNAS*)
- Often use H-index, top 5% journals by impact factor, total citations, and other indicators
- Frequently face **redundancy** (measuring the same aspect multiple times), leading to "indicator alignment"
- Rarely exceed coverage of 1,500-3,000 institutions or 70-100 countries due to these limitations

☐ How AD Scientific Index Addresses These Gaps

- Focuses on **both total and six-year productivity** (H-index, i10-index, citation data)
- Ranks individual scientists as well as academic fields, institutions, and countries
- **Broad coverage** spanning countries, regions, institutions, disciplines, languages, and publication types
- Ensures equal opportunities for comparison with a fair and transparent methodology
- No reliance on non-public or invisible parameters in ranking formulas.

3. What are the H-index and i10-index?

- **H-index**: Evaluates both productivity and citation impact. An H-index of *h* means the researcher has *h* papers each cited at least *h* times.
- i10-index (calculated by Google Scholar): Counts the number of publications with at least 10 citations.

These metrics:

- Offer insight into consistent academic influence
- Higher values indicate more sustained impact

4. The Importance of Last 6 Years Metrics

The AD Scientific Index places special emphasis on **Last 6 Years** metrics to reveal **recent academic performance**:

- Total H-index, i10-index, citation count: Show long-term academic impact
- Last 6 Years H-index, i10-index, citations: Highlight current contributions and relevance in evolving fields
- Focuses on **impact continuation** over the last six years, not just publication dates
- Ensures **up-to-date perspective** in identifying leading contributors and institutions

5. How Is the "AD Scientific Index" Different from Other Rankings?

☐ Multi-Dimensional Analysis

- **Comprehensive Metrics:** Integrates total and last-six-year H-index, i10-index, and citation counts to provide a **broad** and **balanced** picture of academic impact.
- Layered Comparisons: Enables evaluations at global, continental, national, and city levels, as well as public and private institutions, revealing both long-term influence and current momentum.

☐ Focus on Individual Scientists

- Foundation of Institutional Success: Genuine breakthroughs and reputation stem from individual scientists.
- **Beyond Broad Factors:** While other rankings often focus on "international reputation" or "teaching quality," the AD Scientific Index homes in on **concrete achievements**, emphasizing the **true** drivers of institutional excellence.

□ Accessible and Inclusive Data

• Extensive Coverage: Utilizes publicly available Google Scholar data, carefully screened, to assess researchers across every field, country, and type of institution.

☐ Equal Opportunity

- Fair Recognition: Offers equitable acknowledgment to all scientists and institutions, regardless of geographical or institutional background.
- Seamless Participation: The system is easy to join on both individual and institutional levels, making academic performance visible at every tier, in near real time.

□ Democratic and Universal Approach

- **Global Level Playing Field:** Reflects how individual accomplishments shape the overall performance of institutions **worldwide**.
- Commitment to Transparency: Employs impartial, reproducible methods, ensuring equal conditions for prominent research universities and smaller colleges alike.

□ Identifying Misconduct

- **Guardian of Integrity:** Acts as an **early warning system** against plagiarism, unethical authorship (e.g., gift authorship), or excessive publication practices.
- Institutional and Individual Accountability: Ensures that authentic academic contributions remain in the spotlight by uncovering ethical violations, safeguarding the credibility of researchers and institutions.

6. Unique Features of the "AD Scientific Index"

☐ Academic and Economic Independence

- Operates entirely free from external influences, ensuring that evaluations focus **exclusively** on academic merit.
- Maintains **objective** and **transparent** standards without commercial or political pressure.

☐ Transparent and Rigorous Methodology

- Relies on **open-source**, verifiable data combined with **clearly defined** algorithms and weighting.
- Corrects errors within one week and strictly upholds impartiality to preserve credibility and accuracy.

☐ Comprehensive Evaluation

- Provides **both total and last-six-year metrics** (H-index, i10-index, citations) for universities, institutions, hospitals, and companies.
- Allows stakeholders to assess long-term trends alongside recent performance at a glance.

☐ Institutional Progress Analysis

• Monitors and analyzes **institutional development** over the last six years, highlighting growth trajectories and performance shifts.

☐ Public vs. Private Comparison

- Offers **direct comparisons** among public universities, as well as with private universities, companies, hospitals, and research institutes.
- Illuminates sector-wide benchmarks for a broader context of academic achievement.

☐ Scientific Ranking Distribution

• Examines **academic staff rankings** within each institution, showing percentile-based standings to pinpoint **individual and collective strengths**.

□ Individual Status Tracking

• Presents **detailed** profiles for researchers (H-index, i10-index, citations), delivering clear insights into each scholar's **impact and influence**.

☐ Global and Regional Rankings

- Encompasses **2.625.137 individuals** from 24.551 **institutions** across 221 **countries** and **10 regions**, covering a wide array of disciplines.
- Enables **branch** and **sub-discipline-specific** evaluations for targeted insights. **individuals** from **institutions**,

☐ Top List Reports

• Generates **country-level**, **regional**, **and global** top lists, serving as valuable resources for benchmarking and recognition.

□ Constantly Updated Rankings

- Ensures **continuous** data refresh, with citation metrics updated **every 10-15 days** and rankings recalculated **every two days**.
- Offers users an **up-to-date** view of academic performance.

□ Valuing Feedback and Contributions

- Incorporates community input to **refine** the methodology and maintain **data accuracy**.
- Facilitates a **collaborative** approach that keeps rankings current and reliable.

☐ Increased Visibility & Early Detection of Ethical Violations

- Sheds light on unethical practices (e.g., gift authorship, citation cartels, fake paper factories), promoting **academic integrity** through transparency.
- Helps identify and address potential misconduct promptly.

☐ Art and Humanities Rankings & Social Sciences and Humanities Rankings

- Provides **dedicated rankings** that accurately represent these fields, leveraging Google Scholar's **broad coverage**.
- Ensures these disciplines receive **fair**, **detailed** visibility alongside STEM areas.

7. Comprehensive and Inclusive Data Source Strategy

Most ranking organizations use **Scopus**, **Web of Science**, **Google Scholar**, or **Nature Index**. Each has strengths and limitations.

Our Approach:

- Global, practical, inclusive methodology
- Robust auditing to mitigate data source limitations
- Continuous data cleansing (nearly 1 million profiles reviewed; many deleted)
- Ongoing **quality improvements** ensure increasingly accurate, real-time rankings.

8. How Frequently Are AD Scientific Index Rankings Updated?

- New entries, deletions, corrections typically visible within 1-3 days
- H-index, i10-index, and citation numbers are updated every 15 days, while the ranking is refreshed every 2 days.

- Data primarily from Google Scholar with a focus on standardizing names, institutions, and data
- User contributions to enhance data accuracy are always welcome

9. How Can I Be Included in the List?

- Currently includes 2.625.137 scientists from 24.551 institutions across 221 countries
- New additions are limited to individual and institutional registrations via the "Register" link on the website
- No automatic inclusion of every profile to maintain accuracy and data integrity

10. Who Can Be Included in the List and Reasons for Exclusion

- 2.625.137 scientists included, but some are **not** listed due to:
- **Technical and resource limitations:** Because a very broad sample group has formed, our priority is to maintain the highest level of data accuracy and cleanliness. Therefore, we do not aim for unlimited expansion of the database, meaning we do not add every publicly accessible profile to the system.
- No public Google Scholar profile
- Personal preference or request to be removed
- Incomplete or inaccurate profile information
- When a profile is no longer publicly visible, the individual's scores (e.g., h-index, i10 index, citation counts) are displayed as **zero** until the profile is made public again.
- Ethical concerns: Cases such as presenting others' publications as one's own, including
 misleading or fabricated academic outputs, having retracted papers in the profile, etc., and
 related complaints are evaluated. If such violations are detected, the respective profiles are
 immediately removed from the list.

Institutions and **countries** are encouraged to **verify profiles** for **accuracy** and **integrity**. Profiles violating ethical standards may be removed **without refund** (even for paid registrations).

11. Is Registration Required to View Your Ranking?

Not required to see your ranking in the AD Scientific Index. You can estimate your
approximate ranking by looking at the rankings of individuals with similar scores. Required
if you wish to be included with all detailed elements in the ranking

12. How AD Scientific Index Ranks Scientists and Institutions?

- 1. Total H-index scores
- 2. Last 6 years' H-index scores
- 3. Total i10 index scores
- 4. Last 6 years' i10 index scores
- 5. Total number of citations
- 6. Number of citations in the last 6 years

Ranking Criteria - Overview

Scientist and institution rankings in the AD Scientific Index are calculated based on multiple bibliometric indicators, with **Total H-index** serving as the primary ranking metric in most categories. General, Country, Regional, University, Branch, and Sub-Branch Rankings.

☐ Total H-index Rankings

Used in: Measures cumulative scientific impact and productivity.

Ranking order:

- 1. Total H-index
- 2. Last 6 Years' H-index
- 3. Total i10 Index
- 4. Total Citations

☐ Last 6 Years' H-index Rankings

Measures short-to-mid-term academic performance and sustained impact.

Ranking order:

- 1. Last 6 Years' H-index
- 2. Last 6 Years' i10 Index
- 3. Total H-index
- 4. Citations in the Last 6 Years

| ☐ Total i10 Index Rankings Measures: Reflects the consistency of influential scholarly output. Ranking order: |
|--|
| 1. Total i10 Index |
| 2. Last 6 Years' i10 Index |
| 3. Total H-index |
| 4. Total Citation Counts |
| ☐ Last 6 Years' i10 Index Rankings Measures recent sustained academic productivity and recognition. Ranking order: |
| 1. Last 6 Years' i10 Index |
| 2. Last 6 Years' H-index |
| 3. Total i10 Index |
| 4. Citations in the Last 6 Years |
| ☐ Total Citations Rankings Captures total scientific reach and academic recognition. Ranking order: |
| 1. Total Citation Counts |
| 2. Citations in the Last 6 Years |
| 3. Total i10 Index |
| 4. Last 6 Years' i10 Index |
| ☐ Citations in the Last 6 Years Rankings Indicates present-day influence and citation activity. |

Ranking order:

- 1. Citations in the Last 6 Years
- 2. Total Citation Counts
- 3. Last 6 Years' i10 Index
- 4. Total i10 Index

Institutions are also ranked by these criteria at **national**, **regional**, **and global** levels.

☐ Studies Influencing Ranking Due to High Citation Numbers

- For unusually high citations (e.g., **CERN, ATLAS, ALICE, CMS**), authors are marked with an **asterisk "i"** to indicate this distinction.
- An **alternative list** excludes these studies to ensure balanced rankings.

13. Why Are Last 6 Years' Ratios Important?

- Reflect recent productivity and influence
- Indicate impact of individual performance and institutional policies
- Provide a **clear view** of modern academic contributions

14. Subject Rankings: Which Subjects are Ranked in the AD Scientific Index?

The Index covers **211 sub-disciplines** across various major fields:

- Agriculture & Forestry: 15 subfields
- Architecture & Design: 4 subfields
- Business & Management: 8 subfields
- Economics & Econometrics: 6 subfields
- Education: 11 subfields
- Engineering & Technology: 26 subfields
- History, Philosophy, Theology: 3 subfields
- Law / Legal Studies: 12 subfields
- Medical and Health Sciences: 80 subfields
- Natural Sciences: 6 subfields
- Social Sciences: 22 subfields
- Social Sciences and Humanities: 50 subfields

• Art and Humanities: 6 subfields

This **meticulous categorization** aligns with **university departments**, enabling **precise** analysis of academic impact.

15. How Universities Are Ranked in the AD Scientific Index?

- Rankings are based on the **distribution** of scientists within **top percentile ranges** (top % 10, %20, %40, %60, % 80, 90% percentiles and total scientists).
- If two institutions have the **same number** of scientists in a range, the **next percentile range** is considered.
- If a tie persists, the institution with the **higher total number of individual scientists** ranks higher.
- Covers 24.551 institutions across:
 - Total H-index
 - Last 6 Years H-index
 - Total i10 index
 - ∘ Last 6 Years i10 index
 - Total citations
 - Last 6 Years citations

This approach helps institutions assess strengths, identify areas for improvement, and supports cross-border transfer or graduation equivalency evaluations.

16. Young University/Institution Rankings

• Focuses on institutions established within the last 30 years. The ranking is formed by applying the university ranking only among institutions established within the last 30 years. Demonstrates global standing of these "young" entities. Identifies strengths and weaknesses to shape future policies

17. Social Sciences and Humanities Rankings - The AD Scientific Index Advantage

- ✓ Exclusive Ranking for Social Sciences & Humanities Covers fields such as Business & Management, Economics & Econometrics, Education, History, Philosophy, Theology, Law, and Social Sciences.
- ✓ No Overshadowing by STEM Fields Medicine, Engineering, and Natural Sciences are excluded, ensuring that institutions and scholars in Social Sciences & Humanities receive a fair and unbiased evaluation.

- ✓ A Balanced and Unique Ranking Approach Unlike traditional rankings dominated by STEM disciplines, this ranking highlights the real academic impact of Social Sciences & Humanities, ensuring that institutions and researchers in these fields get the visibility they deserve.
- ✓ Comprehensive Performance Metrics Rankings are conducted at both institutional and individual levels, based on H-index, i10-index, and citation data, providing a data-driven and objective assessment of academic excellence.
- ✓ The AD Scientific Index Advantage: With real-time data updates, a transparent methodology, and a strong focus on academic impact, this ranking ensures that achievements in Social Sciences & Humanities are properly recognized!

18. Art and Humanities Rankings

- Specialized ranking for History, Philosophy, Theology, Linguistics and Literature, Archaeology, and Arts
- Ensures achievements in arts and humanities are recognized
- Provides balanced evaluation free from STEM dominance
- Explorable at institutional and individual levels (H-index, i10 index, citations)

19. Pricing Policy

☐ Free Services

- No charge for accessing individual and institutional rankings via the main category pages
- Most comprehensive academic data (for individuals and institutions) is freely accessible on AD Scientific Index

□ Premium Services

- **One-time fee** (covering three years) for:
 - More comprehensive analyses
 - Ability to input and modify data on Scientist and Institution pages
 - **Full control** over your academic profile
- **Differentiated pricing** based on **income levels** of countries
- Strict deletion policy for unethical or misleading profiles applies to all users (including paid)

We remain **academically and economically independent**, offering unbiased services to the academic community.

20. Privacy - Data Policy

- We respect personal rights and data deletion requests.
- <u>Click here</u> for more information on our privacy and data policies.

21. Contact

22. FAQ Frequently Asked Questions and Answer

Table I. Scientists in Bosnia and Herzegovina: Ranking and Analysis

| # | Country | Country Region Rank | Country World Rank | Total Institutions | Total Scientist |
|---|------------------------|---------------------|--------------------|--------------------|-----------------|
| 1 | Bosnia and Herzegovina | 37 | 92 | 26 | 4455 |

Table II. All Types of Institutions in Bosnia and Herzegovina: Ranking and Analysis

| # | Institution | Country Rank | Region Rank | World Rank | Country | Type of Institution | Founded | Scientists in World Top 3% | Scientists in World Top 10% | Scientists in World Top 20% | Scientists in World Top 30% |
|----|---|-----------------|----------------|---------------|---------------------------|------------------------|---------|----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| 1 | University of Sarajevo | 1 | 1280 | 3259 | Bosnia and Herzegovina | Public | 1949 | 3 | 7 | 28 | 100 |
| 2 | University of Banja Luka | 2 | 2010 | 5515 | Bosnia and Herzegovina | Public | 1975 | 2 | 2 | 8 | 27 |
| 3 | University of Tuzla | 3 | 2338 | 6677 | Bosnia and Herzegovina | Public | 1976 | 0 | 1 | 6 | 24 |
| 4 | University of East Sarajevo | 4 | 2559 | 7522 | Bosnia and Herzegovina | Public | 1992 | 0 | 1 | 2 | 8 |
| 5 | Academy of Sciences and Arts of Bosnia and Herzegovina (ANUBiH) | 5 | 2657 | 8018 | Bosnia and Herzegovina | Institution | 1951 | 0 | 1 | 2 | 2 |
| 6 | European University Brcko | 6 | 2756 | 8480 | Bosnia and Herzegovina | Private | 2000 | 0 | 1 | 1 | 1 |
| 7 | University Vitez | 7 | 2780 | 8649 | Bosnia and Herzegovina | Private | 2017 | 1 | 1 | 1 | 1 |
| 8 | University of Mostar | 8 | 2892 | 9147 | Bosnia and Herzegovina | Public | 1977 | 0 | 0 | 7 | 17 |
| 9 | International University of Sarajevo | 9 | 3115 | 9940 | Bosnia and Herzegovina | Private | 2004 | 0 | 0 | 2 | 10 |
| 10 | Sarajevo School of Science & Technology | 10 | 3142 | 10074 | Bosnia and Herzegovina | Private | 2004 | 0 | 0 | 2 | 5 |
| 11 | Evropski Univerzitet Kallos Tuzla | 11 | 3444 | 11451 | Bosnia and Herzegovina | Private | 2015 | 0 | 0 | 1 | 2 |
| 12 | University College CEPS Center for Business Studies Kiseljak | 12 | 3618 | 12384 | Bosnia and Herzegovina | Public | 2010 | 0 | 0 | 1 | 2 |
| 13 | University of Zenica | 13 | 3899 | 13659 | Bosnia and Herzegovina | Public | 2000 | 0 | 0 | 0 | 2 |

| # | Institution | Country Rank | Region Rank | World Rank | Country | Type of Institution | Founded | Scientists in World Top 3% | Scientists in World Top 10% | Scientists in World Top 20% | Scientists in World Top 30% |
|----|---|-----------------|----------------|---------------|---------------------------|------------------------|---------|----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| 14 | University of Bihać | 14 | 3969 | 14059 | Bosnia and Herzegovina | Public | 1997 | 0 | 0 | 0 | 1 |
| 15 | PI Veterinary Research Institute | 15 | 4199 | 15606 | Bosnia and Herzegovina | Private | 1934 | 0 | 0 | 0 | 0 |
| 16 | University Dzemal Bijedic Mostar | 16 | 4346 | 16417 | Bosnia and Herzegovina | Public | 1977 | 0 | 0 | 0 | 0 |
| 17 | International University of Travnik | 17 | 4512 | 17848 | Bosnia and Herzegovina | Private | 2006 | 0 | 0 | 0 | 1 |
| 18 | College of Computer Science and Business Communications eMPIRICA | 18 | 4608 | 18462 | Bosnia and Herzegovina | Private | 2004 | 0 | 0 | 0 | 0 |
| 19 | University of Travnik | 19 | 4620 | 18561 | Bosnia and Herzegovina | Private | 2007 | 0 | 0 | 0 | 0 |
| 20 | Independent University Banja Luka | 20 | 4856 | 20220 | Bosnia and Herzegovina | Private | 2005 | 0 | 0 | 0 | 0 |
| 21 | Herzegovina University | 21 | 5075 | 22168 | Bosnia and Herzegovina | Private | 2010 | 0 | 0 | 0 | 0 |
| 22 | American University in Bosnia and Herzegovina | 22 | 5085 | 22344 | Bosnia and Herzegovina | Private | 2005 | 0 | 0 | 0 | 0 |
| 23 | Logos Centar College Mostar | 23 | 5104 | 22603 | Bosnia and Herzegovina | Private | 2015 | 0 | 0 | 0 | 0 |
| 24 | University of Business Studies Banja Luka | 24 | 5120 | 22810 | Bosnia and Herzegovina | Private | 2006 | 0 | 0 | 0 | 0 |
| 25 | Energoinvest | 25 | 5132 | 22967 | Bosnia and Herzegovina | Company | 1951 | 0 | 0 | 0 | 0 |
| 26 | Banja Luka College of Communications | 26 | 5265 | 24444 | Bosnia and Herzegovina | Private | 2000 | 0 | 0 | 0 | 0 |

Table III. Universities in Bosnia and Herzegovina: Comprehensive Ranking and Analysis

| # | University | Country Rank | Region Rank | World Rank | Country | Type of Institution | Founded | Scientists in World Top 3% | Scientists in World Top 10% | Scientists in World Top 20% | Scientists in World Top 30% |
|----|--|-----------------|----------------|---------------|---------------------------|------------------------|---------|----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| 1 | University of Sarajevo | 1 | 769 | 2232 | Bosnia and Herzegovina | Public | 1949 | 3 | 7 | 28 | 100 |
| 2 | University of Banja Luka | 2 | 1132 | 3680 | Bosnia and Herzegovina | Public | 1975 | 2 | 2 | 8 | 27 |
| 3 | University of Tuzla | 3 | 1308 | 4479 | Bosnia and Herzegovina | Public | 1976 | 0 | 1 | 6 | 24 |
| 4 | University of East Sarajevo | 4 | 1438 | 5108 | Bosnia and Herzegovina | Public | 1992 | 0 | 1 | 2 | 8 |
| 5 | European University Brcko | 5 | 1539 | 5796 | Bosnia and Herzegovina | Private | 2000 | 0 | 1 | 1 | 1 |
| 6 | University Vitez | 6 | 1552 | 5929 | Bosnia and Herzegovina | Private | 2017 | 1 | 1 | 1 | 1 |
| 7 | University of Mostar | 7 | 1595 | 6233 | Bosnia and Herzegovina | Public | 1977 | 0 | 0 | 7 | 17 |
| 8 | International University of Sarajevo | 8 | 1740 | 6847 | Bosnia and Herzegovina | Private | 2004 | 0 | 0 | 2 | 10 |
| 9 | Sarajevo School of Science & Technology | 9 | 1760 | 6964 | Bosnia and Herzegovina | Private | 2004 | 0 | 0 | 2 | 5 |
| 10 | Evropski Univerzitet Kallos Tuzla | 10 | 1946 | 8046 | Bosnia and Herzegovina | Private | 2015 | 0 | 0 | 1 | 2 |
| 11 | University College CEPS Center for Business Studies Kiseljak | 11 | 2049 | 8796 | Bosnia and Herzegovina | Public | 2010 | 0 | 0 | 1 | 2 |
| 12 | University of Zenica | 12 | 2189 | 9728 | Bosnia and Herzegovina | Public | 2000 | 0 | 0 | 0 | 2 |
| 13 | University of Bihać | 13 | 2241 | 10077 | Bosnia and Herzegovina | Public | 1997 | 0 | 0 | 0 | 1 |
| 14 | PI Veterinary Research Institute | 14 | 2393 | 11387 | Bosnia and Herzegovina | Private | 1934 | 0 | 0 | 0 | 0 |

| # | University | Country Rank | Region Rank | World Rank | Country | Type of Institution | Founded | Scientists in World Top 3% | Scientists in World Top 10% | Scientists in World Top 20% | Scientists in World Top 30% |
|----|---|-----------------|----------------|---------------|---------------------------|------------------------|---------|----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| 15 | University Dzemal Bijedic Mostar | 15 | 2477 | 12033 | Bosnia and Herzegovina | Public | 1977 | 0 | 0 | 0 | 0 |
| 16 | International University of Travnik | 16 | 2598 | 13323 | Bosnia and Herzegovina | Private | 2006 | 0 | 0 | 0 | 1 |
| 17 | College of Computer Science and Business Communications eMPIRICA | 17 | 2648 | 13811 | Bosnia and Herzegovina | Private | 2004 | 0 | 0 | 0 | 0 |
| 18 | University of Travnik | 18 | 2659 | 13892 | Bosnia and Herzegovina | Private | 2007 | 0 | 0 | 0 | 0 |
| 19 | Independent University Banja Luka | 19 | 2742 | 15127 | Bosnia and Herzegovina | Private | 2005 | 0 | 0 | 0 | 0 |
| 20 | Herzegovina University | 20 | 2814 | 16677 | Bosnia and Herzegovina | Private | 2010 | 0 | 0 | 0 | 0 |
| 21 | American University in Bosnia and Herzegovina | 21 | 2818 | 16837 | Bosnia and Herzegovina | Private | 2005 | 0 | 0 | 0 | 0 |
| 22 | Logos Centar College Mostar | 22 | 2826 | 17056 | Bosnia and Herzegovina | Private | 2015 | 0 | 0 | 0 | 0 |
| 23 | University of Business Studies Banja Luka | 23 | 2838 | 17244 | Bosnia and Herzegovina | Private | 2006 | 0 | 0 | 0 | 0 |
| 24 | Banja Luka College of Communications | 24 | 2900 | 18534 | Bosnia and Herzegovina | Private | 2000 | 0 | 0 | 0 | 0 |

Table IV. Public Universities in Bosnia and Herzegovina: Ranking and Analysis

| # | University | Country Rank | Region Rank | World Rank | Country | Founded | Scientists in World Top 3% | Scientists in World Top 10% | Scientists in World Top 20% | Scientists in World Top 30% |
|---|---|-----------------|----------------|---------------|---------------------------|---------|----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| 1 | University of Sarajevo | 1 | 701 | 1852 | Bosnia and Herzegovina | 1949 | 3 | 7 | 28 | 100 |
| 2 | University of Banja Luka | 2 | 991 | 2833 | Bosnia and Herzegovina | 1975 | 2 | 2 | 8 | 27 |
| 3 | University of Tuzla | 3 | 1123 | 3302 | Bosnia and Herzegovina | 1976 | 0 | 1 | 6 | 24 |
| 4 | University of East Sarajevo | 4 | 1221 | 3688 | Bosnia and Herzegovina | 1992 | 0 | 1 | 2 | 8 |
| 5 | University of Mostar | 5 | 1332 | 4221 | Bosnia and Herzegovina | 1977 | 0 | 0 | 7 | 17 |
| 6 | University College CEPS Center for Business Studies Kiseljak | 6 | 1653 | 5599 | Bosnia and Herzegovina | 2010 | 0 | 0 | 1 | 2 |
| 7 | University of Zenica | 7 | 1752 | 6076 | Bosnia and Herzegovina | 2000 | 0 | 0 | 0 | 2 |
| 8 | University of Bihać | 8 | 1788 | 6249 | Bosnia and Herzegovina | 1997 | 0 | 0 | 0 | 1 |
| 9 | University Dzemal Bijedic Mostar | 9 | 1925 | 7192 | Bosnia and Herzegovina | 1977 | 0 | 0 | 0 | 0 |

Table V. Private Universities in Bosnia and Herzegovina: Ranking and Analysis

| # | University | Country Rank | Region Rank | World Rank | Country | Founded | Scientists in World Top 3% | Scientists in World Top 10% | Scientists in World Top 20% | Scientists in World Top 30% |
|----|--|-----------------|----------------|---------------|---------------------------|---------|----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| 1 | European University Brcko | 1 | 248 | 1768 | Bosnia and Herzegovina | 2000 | 0 | 1 | 1 | 1 |
| 2 | University Vitez | 2 | 256 | 1848 | Bosnia and Herzegovina | 2017 | 1 | 1 | 1 | 1 |
| 3 | International University of Sarajevo | 3 | 303 | 2252 | Bosnia and Herzegovina | 2004 | 0 | 0 | 2 | 10 |
| 4 | Sarajevo School of Science & Technology | 4 | 307 | 2301 | Bosnia and Herzegovina | 2004 | 0 | 0 | 2 | 5 |
| 5 | Evropski Univerzitet Kallos Tuzla | 5 | 358 | 2800 | Bosnia and Herzegovina | 2015 | 0 | 0 | 1 | 2 |
| 6 | PI Veterinary Research Institute | 6 | 524 | 4524 | Bosnia and Herzegovina | 1934 | 0 | 0 | 0 | 0 |
| 7 | International University of Travnik | 7 | 609 | 5556 | Bosnia and Herzegovina | 2006 | 0 | 0 | 0 | 1 |
| 8 | College of Computer Science and Business Communications eMPIRICA | 8 | 623 | 5826 | Bosnia and Herzegovina | 2004 | 0 | 0 | 0 | 0 |
| 9 | University of Travnik | 9 | 628 | 5865 | Bosnia and Herzegovina | 2007 | 0 | 0 | 0 | 0 |
| 10 | Independent University Banja Luka | 10 | 666 | 6566 | Bosnia and Herzegovina | 2005 | 0 | 0 | 0 | 0 |
| 11 | Herzegovina University | 11 | 690 | 7360 | Bosnia and Herzegovina | 2010 | 0 | 0 | 0 | 0 |
| 12 | American University in Bosnia and Herzegovina | 12 | 692 | 7449 | Bosnia and Herzegovina | 2005 | 0 | 0 | 0 | 0 |
| 13 | Logos Centar College Mostar | 13 | 695 | 7559 | Bosnia and Herzegovina | 2015 | 0 | 0 | 0 | 0 |
| 14 | University of Business Studies Banja Luka | 14 | 705 | 7658 | Bosnia and Herzegovina | 2006 | 0 | 0 | 0 | 0 |

| # | University | Country Rank | Region Rank | World Rank | Country | Founded | | Scientists in World Top 10% | Scientists in World Top 20% | Scientists in World Top 30% |
|----|---|-----------------|----------------|---------------|---------------------------|---------|---|-----------------------------------|-----------------------------------|-----------------------------------|
| 15 | Banja Luka College of Communications | 15 | 736 | 8291 | Bosnia and Herzegovina | 2000 | 0 | 0 | 0 | 0 |

Table VI. Young Universities in Bosnia and Herzegovina: Ranking and Analysis

| # | University | Country Rank | Region Rank | World Rank | Country | Founded | Scientists in World Top 3% | Scientists in World Top 10% | Scientists in World Top 20% | Scientists in World Top 30% |
|----|--|-----------------|----------------|---------------|---------------------------|---------|----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| 1 | European University Brcko | 5 | 1539 | 5796 | Bosnia and Herzegovina | 2000 | 0 | 1 | 1 | 1 |
| 2 | University Vitez | 6 | 1552 | 5929 | Bosnia and Herzegovina | 2017 | 1 | 1 | 1 | 1 |
| 3 | International University of Sarajevo | 8 | 1740 | 6847 | Bosnia and Herzegovina | 2004 | 0 | 0 | 2 | 10 |
| 4 | Sarajevo School of Science & Technology | 9 | 1760 | 6964 | Bosnia and Herzegovina | 2004 | 0 | 0 | 2 | 5 |
| 5 | Evropski Univerzitet Kallos Tuzla | 10 | 1946 | 8046 | Bosnia and Herzegovina | 2015 | 0 | 0 | 1 | 2 |
| 6 | University College CEPS Center for Business Studies Kiseljak | 11 | 2049 | 8796 | Bosnia and Herzegovina | 2010 | 0 | 0 | 1 | 2 |
| 7 | University of Zenica | 12 | 2189 | 9728 | Bosnia and Herzegovina | 2000 | 0 | 0 | 0 | 2 |
| 8 | University of Bihać | 13 | 2241 | 10077 | Bosnia and Herzegovina | 1997 | 0 | 0 | 0 | 1 |
| 9 | International University of Travnik | 16 | 2598 | 13323 | Bosnia and Herzegovina | 2006 | 0 | 0 | 0 | 1 |
| 10 | College of Computer Science and Business Communications eMPIRICA | 17 | 2648 | 13811 | Bosnia and Herzegovina | 2004 | 0 | 0 | 0 | 0 |
| 11 | University of Travnik | 18 | 2659 | 13892 | Bosnia and Herzegovina | 2007 | 0 | 0 | 0 | 0 |
| 12 | Independent University Banja Luka | 19 | 2742 | 15127 | Bosnia and Herzegovina | 2005 | 0 | 0 | 0 | 0 |
| 13 | Herzegovina University | 20 | 2814 | 16677 | Bosnia and Herzegovina | 2010 | 0 | 0 | 0 | 0 |

| # | University | Country Rank | Region Rank | World Rank | Country | Founded | Scientists in World Top 3% | Scientists in World Top 10% | Scientists in World Top 20% | Scientists in World Top 30% |
|----|---|-----------------|----------------|---------------|---------------------------|---------|----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| 14 | American University in Bosnia and Herzegovina | 21 | 2818 | 16837 | Bosnia and Herzegovina | 2005 | 0 | 0 | 0 | 0 |
| 15 | Logos Centar College Mostar | 22 | 2826 | 17056 | Bosnia and Herzegovina | 2015 | 0 | 0 | 0 | 0 |
| 16 | University of Business Studies Banja Luka | 23 | 2838 | 17244 | Bosnia and Herzegovina | 2006 | 0 | 0 | 0 | 0 |
| 17 | Banja Luka College of Communications | 24 | 2900 | 18534 | Bosnia and Herzegovina | 2000 | 0 | 0 | 0 | 0 |

Table VII. Institutions in Bosnia and Herzegovina: Ranking and Analysis

| # | : Institution | Country Rank | Region Rank | World Rank | Country | Founded | | Scientists in World Top 10% | Scientists in World Top 20% | Scientists in World Top 30% |
|---|---|-----------------|----------------|---------------|---------------------------|---------|---|-----------------------------------|-----------------------------------|-----------------------------------|
| 1 | Academy of Sciences and Arts of Bosnia and Herzegovina (ANUBiH) | | 957 | 1901 | Bosnia and Herzegovina | 1951 | 0 | 1 | 2 | 2 |

Table VIII. Companies in Bosnia and Herzegovina: Ranking and Analysis

| # | # | Company | Country Rank | Region Rank | World Rank | Country | Founded | Scientists in World Top 3% | Scientists in World Top 10% | Scientists in World Top 20% | Scientists in World Top 30% |
|---|----------|--------------|-----------------|----------------|---------------|---------------------------|---------|----------------------------|--------------------------------|--------------------------------|--------------------------------|
| 1 | l E | Energoinvest | 1 | 631 | 1851 | Bosnia and Herzegovina | 1951 | 0 | 0 | 0 | 0 |

Table IX. Hospitals in Bosnia and Herzegovina: Ranking and Analysis

| # Hospital | Country | Region | World | Country Founded | Scientists in | Scientists in | Scientists in | Scientists in |
|------------|---------|--------|-------|-----------------|---------------|---------------|---------------|---------------|
| # nospitai | Rank | Rank | Rank | | World Top 3% | World Top 10% | World Top 20% | World Top 30% |