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***Short Paper***

# Visibility of Arab League author ranking on AD Scientific Index

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## 1. Introduction

These last decade, a growing interest in demonstrating the prestige and status of higher education institutions has spurred the establishment of several international ranking systems, called bibliometrics or scientometrics, such as the Times Higher Education, World University Ranking (THE), the QS World University Rankings (QS), the Shanghai Ranking-Academic Ranking of World Universities (ARWU), the Adscientific Index, and the U.S. News Best Global Universities Ranking (US News) (Szluka *et al.*, 2023; Stack, 2021; Hammarfelt *et al.*, 2017; Hammouti, 2010). These Rankings based on scientific productivity indicators like article number, citations, and collaborations can lead to the creation of mappings that visualize the relationships between researchers, institutions, and research areas. These mappings can be used to understand the structure of scientific knowledge, identify research clusters, and assess the impact of different actors in the research landscape (Amiruddin *et al.*, 2025; Hammouti *et al.*, 2025; Kachbou *et al.*, 2025; Salim *et al.*, 2022; Putri *et al.*, 2022).

We focused our study to the Adscientific Index ranking based on several indicators as H-index, i10 productivity, Citations, Young Universities, Top 100 Scientists, Top 100 Institutions etc… The AD Scientific Index was developed in 2021 by Prof. Dr. Murat Alper and Assoc. Prof. Dr. Cihan Döğer. It is an independent, international ranking system that evaluates the academic performance of scientists and institutions based on various metrics like H-index, i10-index, and citation counts. The index analyzes data from Google Scholar and provides rankings, analyses, and comparative results, helping to guide

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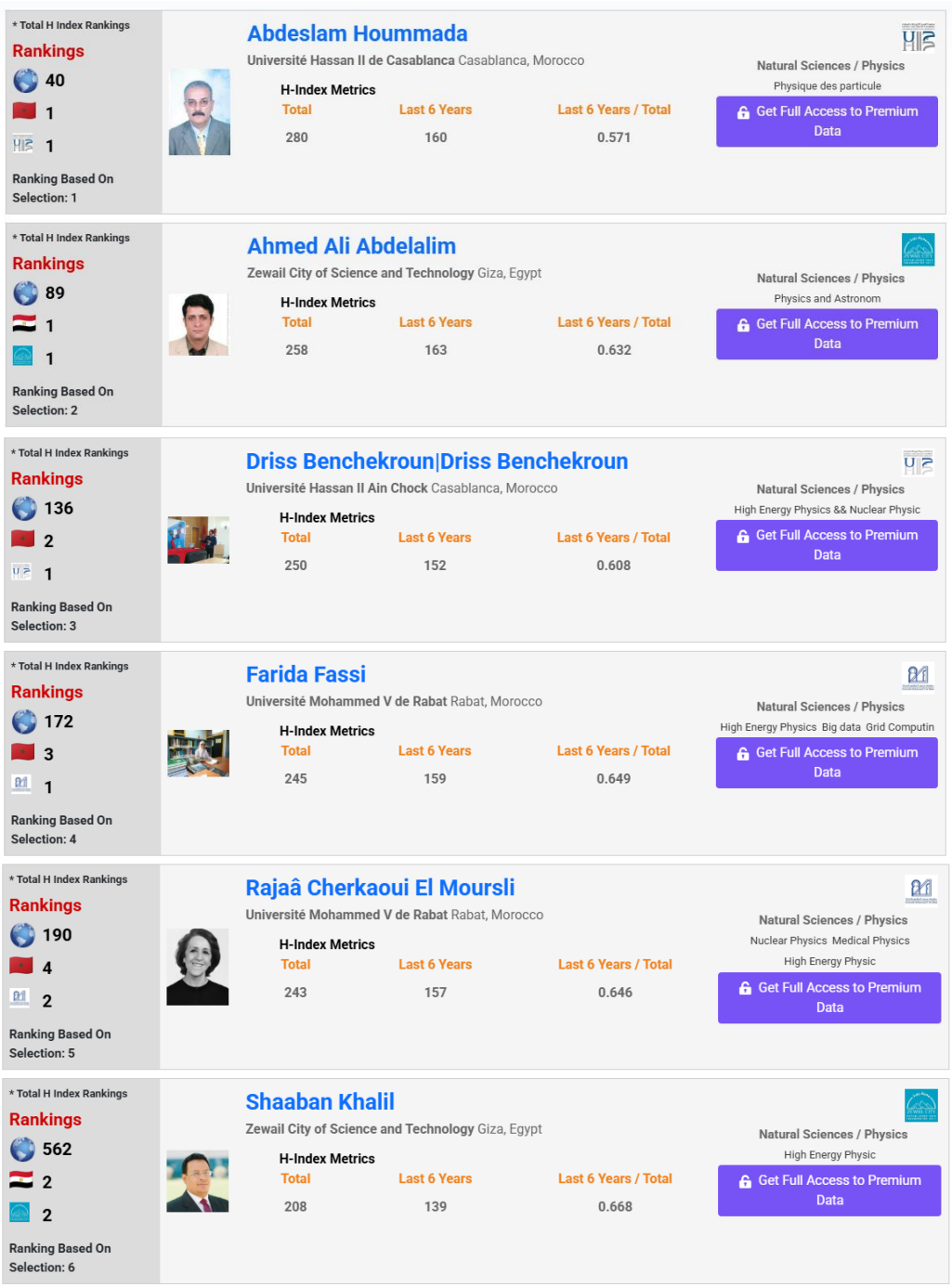
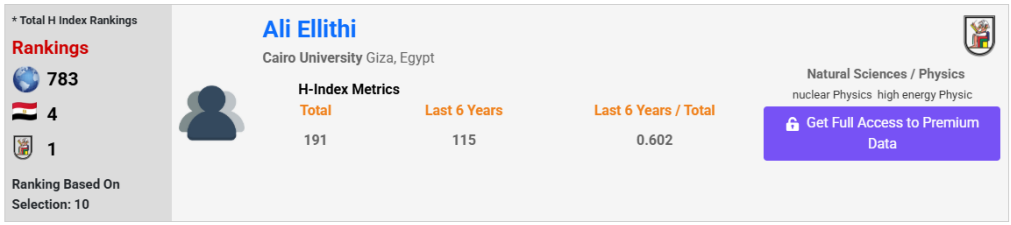
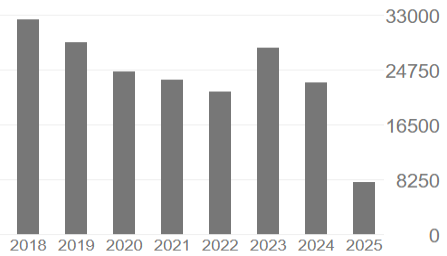
policy development in the scientific field. AD scientific Index covered 24,480 institutions and 2,626,070 scientists across 221 countries in 13 major academic fields and 220 disciplines. The Arab League represented by a total of 150.681 scientists from 21 countries and 986 institutions. The ranking based on H-index indicated that Abdeslam Hoummada from Université Hassan II de Casablanca, Morocco is the first author in Africa, the Arab League and of Course Morocco. The second position is occupied by Ahmed Ali Abdelalim, Zewail City of Science and Technology, Giza, Egypt. The third, fourth and fifth are Moroccan as shown below. They are members of CERN, Statistical Data etc. and considered as the profiler authors.

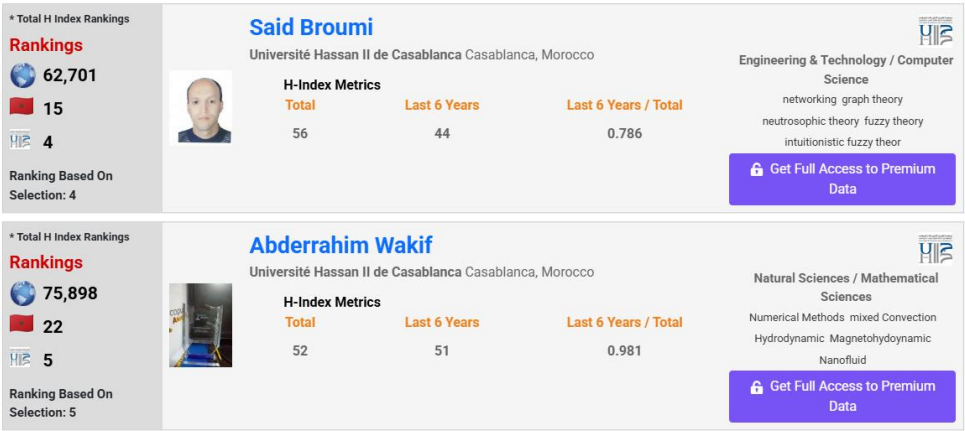




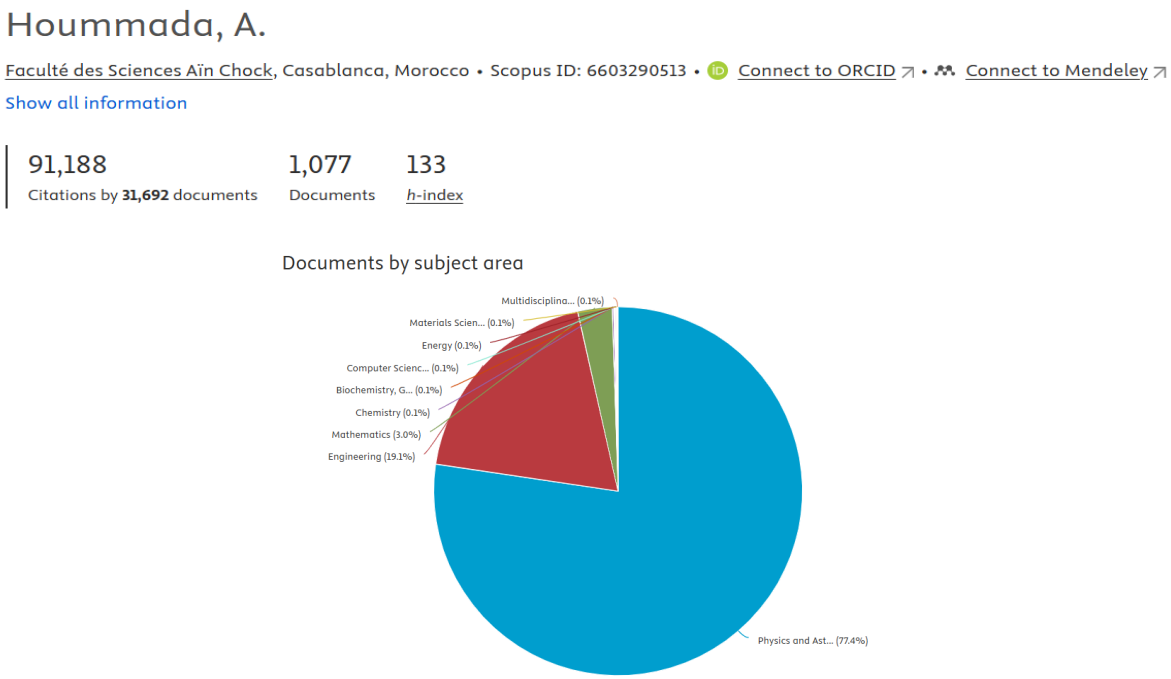

More than 1.020 scientists the Université Hassan II de Casablanca, Morocco, Abdeslam Hoummada from is the first author in Africa, Arab League and of Course Morocco. He also ranked 40 in the world and corresponding profile on scholar google indicates 389822 citations and H=280. i10-index of 1610 reflects that 1610 articles are cited at least 10 times. Also, its H-index is 160 last five years (2000-2025). The list of the best five authors of Hassan II university are listed below.

| | All | Since 2020 |
|---|---|---|
| Citations | 389822 | 128574 |
| h-index | 280 | 160 |
| i10-index | 1610 | 950 |

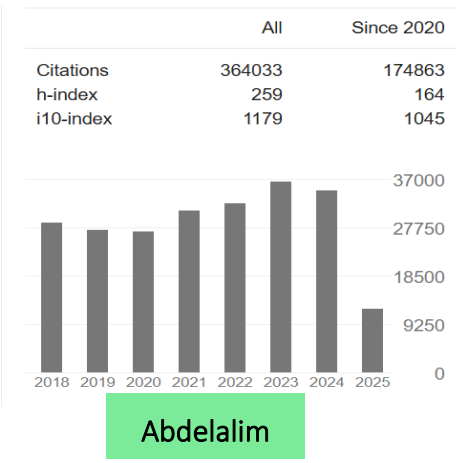




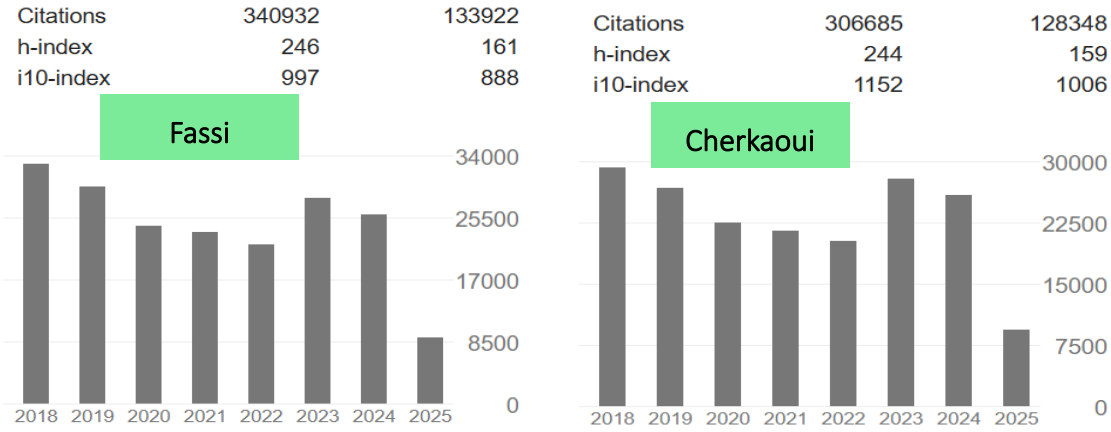

Prof Hoummada's profile on Scopus indicated that he reached 1.077 articles and more than 91,000 citations. More than 74% of published documents are Scopus-indexed articles on physics & astronomy, and 19.1 % in Engineering.




Zewail City of Science and Technology, Giza, Egypt, was founded in 2011, with a well-ranked team of 214 scientists. Ahmed Ali Abdelalim reached a total of 364033 citations, an H-index of 259. His profile on Scholar Google is shown below. The second-ranked author among Zewail City of Science and Technology, as shown on the right, has already achieved an H-index of 208, confirming the evolution of this Young University.



The fourth and Fifth position in Arab League ranking are from the University Mohamed 5 in Rabat: two ladies: Farida Fassi and Rajaâ Cherkaoui El Moursli, with the corresponding profiles:




Among the ranked Universities, British University in Egypt (Prof. Yasser Assran), Cairo, University of Sharjah, United Arab Emirates (Prof. Rachik Soualah), King Abdullah University of Science and Technology, Thuwal, Saudi Arabia (Prof Carlos M. Duarte), Cairo University Giza, Egypt (Prof Ali Allithi). **Table 1** presents the foundation's ranking of universities by year, and **Table 2** summarises the Scopus scientific production of some Arab countries among the ranked authors.

The obtained results are significant and demonstrate the voluntary and strategic investment of decision-makers in Research (Diniz Oliveira *et al.*, 2024; García-Rivas *et al.*, 2023).

**Table 1.** Total articles of the listed countries of the top 10 ranked authors, (30 May 2025).

| University | Foundation Year |
|---|---|
| Hassan 2, Casablanca | 1975 |
| Mohamed 5 in Rabat | 1957 |
| Zewail City of Science and Technology, Egypt | 2011 |
| British University in Egypt | 2005 |
| Sharjah | 1997 |
| KAUST, Thuwal | 2009 |
| Cairo, Giza | 1908 |

**Table 2.** Total articles of the listed countries of the top 10 ranked authors, (30 May 2025).

| Country | Documents | Populations |
|---|---|---|
| Morocco | 152,634 | 38.4 |
| Egypt. | 496,397 | 118.3 |
| Emirates | 161,350 | 11.3 |
| Saudi Arabia | 548,545 | 34.6 |

Population: https://www.worldometers.info/world-population/population-by-country/

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