

UDJG DIPLOMAS and SCIENTIFIC SESSIONS Top World Ranking of Scientists 2%,

<https://topresearcherslist.com/Home/Profile?AuthFull=Benea,%20Lidia&FirstYear=1999>

And in the third edition of the Top World Ranking of Scientists 2%, a ranking made by Stanford University in collaboration with Elsevier Publishing House and SciTech Strategies, the Faculty of Engineering from "Dunărea de Jos" University from Galati is represented by three researchers from world renown. Among them are Prof. Univ. Dr. Lidia Benea, a prominent personality in the field of Materials and Environmental Engineering. The international recognition of his research achievements is highlighted by his inclusion in this prestigious ranking, which reflects the global impact of his scientific works. Prof. Benea stood out for his innovative contributions in the field of corrosion of biomaterials and surface engineering, having a significant impact on the international scientific community.

The Top World Ranking of Scientists 2% is a publicly accessible database based on several indicators of scientific performance, such as the h-index and the number of citations. In its 2024 edition, this ranking analyzes the impact of the work of more than 10 million researchers worldwide, covering 22 major fields and 176 subfields, providing an overview of essential contributions to the advancement of science during the period 1996-2023.

https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/4?fbclid=IwAR2s2ItYq_rPtVZKqp-XVsYgVHiykXQuM7RA7EPpicERq-ldMIN_LiV948w

Benea, Lidia
Universitatea Dunarea de Jos din Galati, 🇷🇴 Romania

Rank: 291077

- 📍 **Main Field:** Enabling & Strategic Technologies
- 📍 **Sub Field:** Materials
- 📍 **Rank in the SubField:** 6624 out of 281605 authors
- 📍 **H-index:** 6, **Hm-index:** 3.73

Top 2% Listed Year(S): 2023, 2021, 2020

The data is verified and sourced from ELSEVIER and Stanford University's Top 2% Scientists list.

www.TopResearchersList.com

<https://topresearcherslist.com/Home/Profile?AuthFull=Benea,%20Lidia&FirstYear=1999>

<https://ing.ugal.ro/index.php/ro/noutati/cercetatori-ai-facultatii-de-inginerie-in-the-world-s-top-2-of-scientists>

<https://topresearcherslist.com/Home/Profile/741740>

1. Diploma of Excellence 2024 - CNFIS -FRDI-2023-F-0171 for the results obtained in the research activity at the Dunărea de Jos University of Galati.



2. Diploma of Excellence 2024, for the excellent activity obtained in the research activity within the Dunărea de Jos University of Galati and the inclusion in the Top Ranking of Scientists 2%, ranking made by Stanford University, together with Stanford University, together with Elsevier Publishing House and SciTech Strategies.



3. Diploma of Excellence awarded for the article "Effect of Functional Nanoporous TiO₂ Film Obtained on Ti6Al4V Implant Alloy to Improve the Resistance in Biological Solution for Inflammatory Conditions".



4. Diploma of Excellence awarded for the article "Effect of Functional Nanoporous TiO₂ Film Obtained on Ti6Al4V Implant Alloy to Improve the Resistance in Biological Solution for Inflammatory Conditions



5. CNCSIS Diploma - Certificate of Reviewing awarded for the contribution to the PNRR 2023.



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INTERNATIONAL SCIENTIFIC SESSIONS DIPLOMAS

Three professors and scientific researchers from the Dunărea de Jos University from Galati, members of the scientific research project 102/2024 or collaborators participated, with KeyNote or Oral scientific presentations at the scientific SESSION **International Conference on Materials Science, Engineering and Technology, 10-12 Septembrie 2024, Furama RiverFront, SINGAPORE.**

The theme of the conference was: "Shaping The Future Through Materials Research And Innovation".

Three scientific papers presented as follows:

1) Session 1: OPENING AND PLENARY SESSION, 10 September 2024.

Keynote Talk:

Title: Nanoporous TiO₂ film obtained electrochemically on Ti6Al4V implant alloy.

Presenter: Lidia Benea, Dunărea de Jos university of Galati, Romania.

Authors: Lidia Benea, Daniela Laura Buruiană.



2) Session 4: BIOMATERIALS and BIODEVICES, 10 September 2024

Oral presentation.

Title: Corrosion behavior of 316L stainless steel structures in salivary solutions in the presence of lactic acid.

Presenter: Daniela Laura Buruiană.

Authors: Daniela Laura Buruiană, Lidia Benea.



3) Session 20: ADVANCED MATERIALS FOR SUSTAINABILITY AND INNOVATION

Keynote Talk:

Title: Surface functionalization of zinc with polymers by electrochemical techniques for enhanced properties.

Presenter: Alina Crina Ciubotariu

Authors: Alina Crina Ciubotariu, Lidia Benea.



At this conference, professor Lidia Benea was chair at Session 9: Materials Horizons for New Edge Technology, 11 September 2024.

DIPLOMA OBTAINED AT THE SCIENTIFIC SESSION OF THE CSSD DOCTORAL SCHOOLS – UDJG 2024

Adrian Mazilu, Lidia Benea, Vasile Basliu.

Corrosion Resistance in Seawater of Low Alloy Steels BVDH36 and LRAH36.

The paper was presented at:

12th Edition of SCDS-UDJG, Scientific Conference of Doctoral Schools from "Dunărea de Jos" University of Galati, 6th and 7th of June 2024, Section "Future of Nanotechnologies, Functional Materials and Coatings.

<https://cssd-udjg.ugal.ro/>

<https://cssd-udjg.ugal.ro/index.php/programme>



"Dunarea de Jos" University of Galati
Scientific Conference of the Doctoral Schools
Twelfth Edition

CERTIFICATE OF ATTENDANCE

This is to certify that **Adrian Mazilu, Lidia Benea, Vasile Başliu**, attended the **Twelfth Edition of the Scientific Conference of the Doctoral Schools of "Dunarea de Jos" University**, held at Galati, between the 6th and 7th of June 2024 and presented a paper entitled **Corrosion Resistance in Seawater of Low Alloy steels BVDH36 an LRAH36**.

Rector,
Professor Marian Barbu, PhD-Eng



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