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ADVANCES IN MATERIALS SCIENCE EDITORIAL ON THE JOURNAL'S 20th ANNIVERSARY

With the greatest pleasure we present to the readers 67th issue of the Advances in Materials Science journal, which appears in the 20th year of the journal's existence.

Advances in Materials Science is published by the editorial team of the Department of Materials Science and Welding Technology of Gdansk University of Technology (GUT). The first issue of Advances in Materials Science was published in November 2001. The intention of the editorial team was to create a forum for the exchange of information on new trends in materials science, especially on topics related to GUT scientists, such as environmental degradation of engineering materials, surface engineering and advanced structural and functional materials.

The journal received the patronage of the Polish Materials Science Society. In the first period of activity, before year 2008, all individual issues were traditionally issued in printed form. Since 2008, we have been publishing the journal only in electronic version in the Open Access format on the renowned academic publisher Sciendo publishing platform <http://content.sciendo.com/view/journals/adms/adms-overview.xml>

The journal was founded on the initiative of professor Andrzej Zieliński, who served as Editor-in-Chief until 2012. The editorial staff included: J. Ćwiek, M. Głowacka, K. Imielińska, K. Krzysztofowicz, J. Łabanowski, B. Raczkowska, S. Rymkiewicz, W. Serbiński and H. Smoleńska.

Till 2008, 14 issues of the journal had been published, while since 2008 the journal has been published quarterly. In 2012 editorial committee was changed. The Editor-in-Chief functions were taken over by prof. Jerzy Łabanowski, and currently the editorial board consists of: D. Fydrych, A. Świerczyńska, M. Landowski, H. Smoleńska, Ch. Pandey, K. Krzysztofowicz, J. Tomków, J. Wang, M. Zaręba. The journal also expanded its content by opening up to issues related to welding technology and the weldability of metallic materials.

Efficient working of the journal was possible thanks to the support of the International Advisory Board. In the past 20 years, we have been supported by:

Prof. Andrzej Zieliński, Gdańsk University of Technology, Poland (from 2012)
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We would like to thank the members of the International Advisory Board for supporting the journal's activities, help in promoting the Journal and raising its scientific level.

Thanks to the involvement of the editorial and publishing team currently Advances in Materials Science is abstracted and indexing by 40 services:

- Arianta
- Baidu Scholar
- BazTech
- Chemical Abstracts Service (CAS) - CAplus
- Chemical Abstracts Service (CAS) - SciFinder
- Microsoft Academic
- MyScienceWork
- Naver Academic
- Naviga (Softweco)
- Paperbase
- Pirabase
- POL-index



- CNKI Scholar (China National Knowledge Infrastructure)
- CNPIEC - cnpLINKer
- Dimensions
- EBSCO (relevant databases)
- EBSCO Discovery Service
- Engineering Village
- Genamics JournalSeek
- Google Scholar
- Inspec
- Japan Science and Technology Agency (JST)
- J-Gate
- JournalTOCs
- KESLI-NDSL (Korean National Discovery for Science Leaders)
- Polymer Library
- Primo Central (ExLibris)
- ProQuest (relevant databases)
- Publons
- QOAM (Quality Open Access Market)
- ReadCube
- Semantic Scholar
- Sherpa/RoMEO
- Summon (ProQuest)
- TDNet
- TEMA Technik und Management
- Ulrich's Periodicals Directory/ulrichsweb
- WanFang Data
- Web of Science - Emerging Sources Citation Index
- WorldCat (OCLC)

Since 2008, 310 articles have been published, broken down by year, as in **Figure 1**. All papers from this period are indexed in the Web of Science (Emerging Sources Citation Index). Authors from 32 countries and 6 continents published in the journal, and the rejection rate is 52%. Currently, the journal's h-index is 13, and the i10-index is 22 (938 citations in 753 articles by authors with affiliations from 70 countries). **Figures 2** and **3** show a network citation analyzes of *Advances in Materials Science* articles. The analysis was performed in the VOSviewer [1]. In 2020, articles published in *Advances in Materials Science* were downloaded from the Sciendo website almost 27,000 times [2].

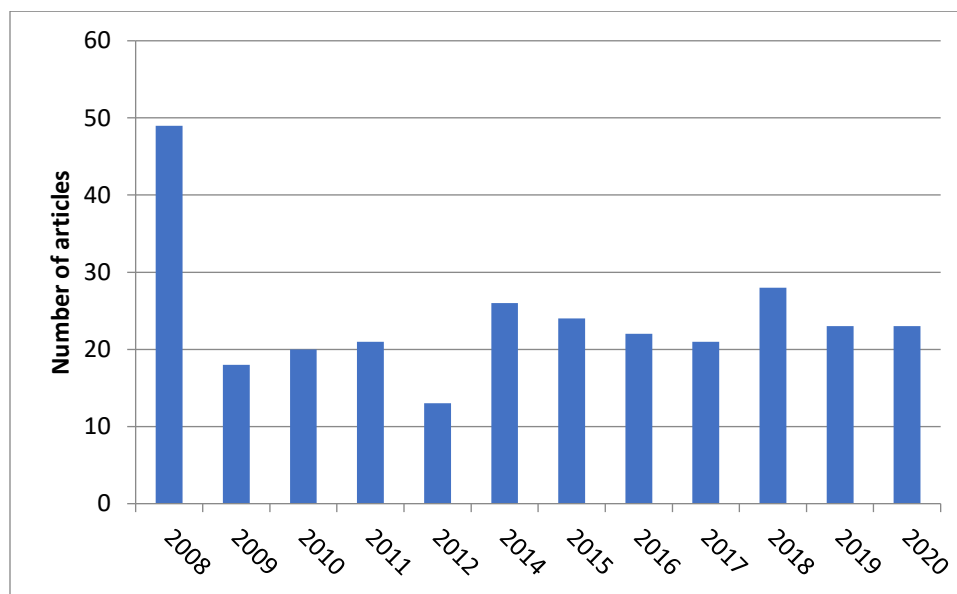


Fig. 1. Number of articles published in *Advances in Materials Science* since 2008



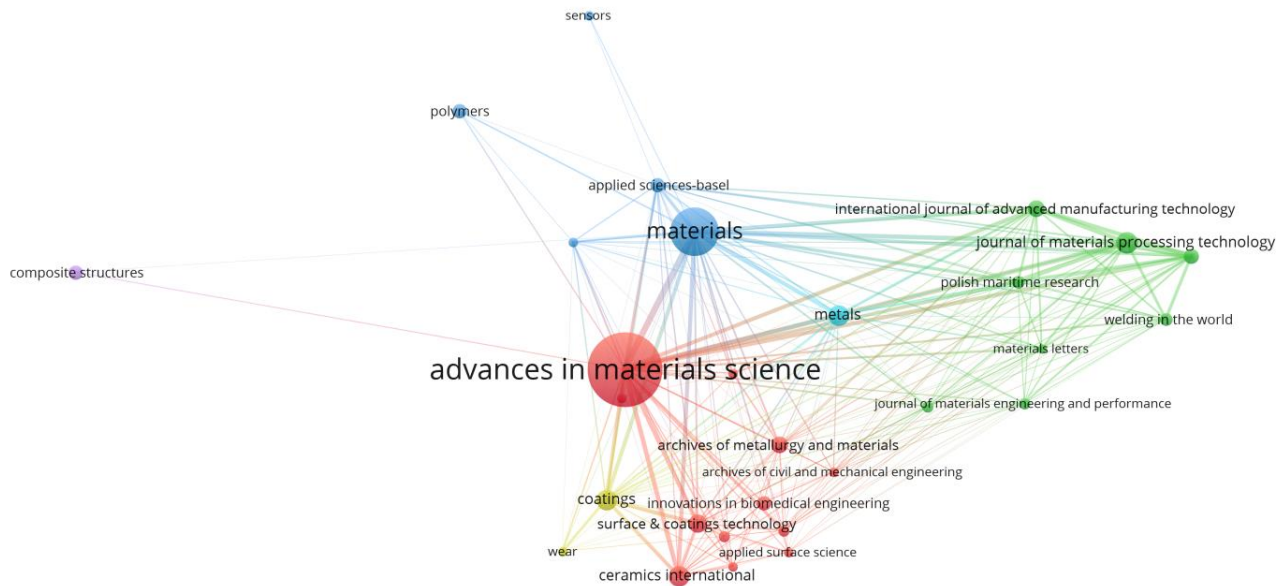


Fig. 2. Network visualization map showing citation analysis of Advances in Materials Science articles – journal title criterion

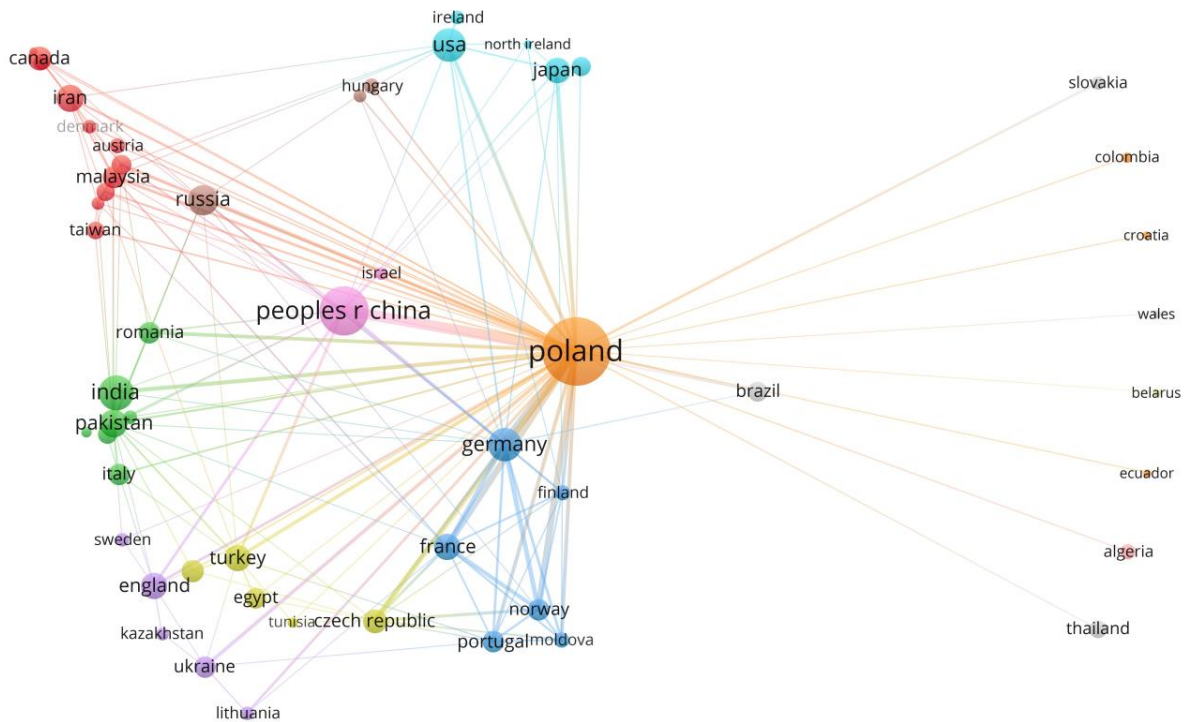


Fig. 3. Network visualization map showing citation analysis of Advances in Materials Science articles – author country affiliation criterion

In accordance with the current requirements, contact with the authors and reviewers of the manuscripts is carried out using the streamline communication system: Editorial Manager. Reviewers and editors can showcase their peer review and editorial contributions on Publons.com.

The publishing continuity is possible thanks to the support (including financial) from the Faculty of Mechanical Engineering and the authorities of the Gdansk University of Technology. Thanks to GUTs funding, we were able to offer authors the publication of articles without APC.

We would like to thank the authors for choosing our journal, the reviewers for their reliable and timely work, and we invite them to cooperate in the field of material engineering development and promotion of the achievements of scientists and engineers from industry.

Finally, we thank the Sciendo team for supporting *Advances in Materials Science* with publishing and promotional activities.

REFERENCES

1. van Eck NJ, Waltman L: Software survey: VOSviewer, a computer program for bibliometric mapping. *Scientometrics* 84, 2010, 523-538.
2. Annual review report 2020: *Advances in Materials Science*. Sciendo 2021.

