Journal of Apicultural Science



The **Journal of Apicultural Science** is a scientific, English-language journal that publishes both original research articles (including short communication papers) and review papers covering all aspects of the life of bees (superfamily Apoidea) and broadly defined apiculture:

- bee biology
- bee genetics
- bee breeding
- pathology and toxicology
- pollination and bee botany
- bee products
- management, technologies, and economy
- solitary bees and bumblebees

The **Journal of Apicultural Science** has been published by the National Institute of Horticultural Research and Apicultural Research Association twice a year in paper and online versions since 2001. The Journal is a continuation of the former scientific periodical "Pszczelnicze Zeszyty Naukowe," issued from 1957 to 2000. Archive issues of Pszczelnicze Zeszyty Naukowe are available at website https://miesiecznik-pszczelarstwo.pl/pszczelnicze-zeszyty-naukowe?title=&author =&year= and issues of the Journal of Apicultural Science published since 2001 to

2011 are available at the original Journal's website (www.jas.org.pl). Issues published after 2011, are available on the publisher's website at https://content.sciendo.com/view/journals/jas/jas-overview.xml?tab_body=toc-79151

After acceptance, articles are given DOI numbers, assigned to successive volumes and issues, and published online by Sciendo (sciendo.com/journal/JAS), which has used the open access model since 2012.

This journal provides immediate open access to its content under the Creative Commons BY 4.0 license. Authors who publish with this journal retain all copyrights and agree to the terms of the above-mentioned CC BY 4.0 license.

Manuscripts should be submitted via the Manuscript Editorial System at <u>www.editorialsystem.com/jas</u> by the corresponding author, who acts for all authors.

Editorial Board Guidelines for Authors Abstracting & Indexing

ISSN 1643-4439 eISSN 2299-4831 Publication timeframe: 2 times per year Languages: English Journal Subjects: Life Sciences, Zoology Journal Metrics: Impact Factor 1.526 Five Year Impact Factor 1.633 Cite Score 1.5 SJR 0.264 SNIP 0.777 JCI 0.42

Editor-in-Chief: **Zbigniew Kołtowski, PhD, Associate Professor** National Institute of Horticultural Research, Skierniewice, Apiculture Division in Puławy, Poland

mail: zbigniew.koltowski@inhort.pl

Editorial Office/Published by:

National Institute of Horticultural Research and Apicultural Research Association e-mail: jas@inhort.pl

CONTENTS

<u>68(2) 2024</u>

<u>68(1) 2024</u>

<u>67(2) 2023</u>

<u>67(1) 2023</u>

<u>62(2) 2022</u>

<u>62(1) 2022</u>



Projekt finansowany ze środków pomocy *de minimis* w ramach programu Ministra Edukacjii Nauki pod nazwą "Rozwój czasopism naukowych". Numer umowy: RCN/SP/0438/2021/1.Kwota dotacji: 96 000,00 zł.