

SERBIAN ASTRONOMICAL JOURNAL IN THE 2003-2023 PERIOD

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Abstract. The bibliographic and citation data for the Serbian Astronomical Journal in the 2003-2023 period are presented. We report on the journal acceptance rate, geographical distribution of authors and impact factor, along with other metrics.

1. INTRODUCTION

The Serbian Astronomical Journal (SerAJ) is the successor of the Bulletin Astronomique de Belgrade (1992–1998), founded by merging of the Bulletin de l’Observatoire Astronomique de Belgrade (1936–1991) and Publications of the Department of Astronomy (1969–1990). Under the present title it has been published since 1998. We present in this contribution some bibliographic data for SerAJ in the 2003-2023 period, including the journal acceptance rate, geographical distribution of authors and journal’s impact.

2. THE DATA

In 2014 SerAJ for the first time appeared in Clarivate Analytics (then Thomson Reuters) products (retroactively, from No. 182, 2011): Science Citation Index–Expanded (SCIE) including the Web of Science (WoS), Current Contents/Physical, Chemical & Earth Sciences (CC/PC&ES), and in the Journal Citation Report (JCR) – commonly referred as SCI list (Knežević et al. 2017). In JCR for 2013 SerAJ was at the position 41/59 in Astronomy and Astrophysics category with 2-year impact factor $IF(2013) = 1.100$ (JCR 2014). Currently JCR list SerAJ at the position 66/69 with $IF(2022) = 0.5$ (JCR 2023). Over the years the IF fluctuated, but remained above 0.333 (see Fig. 1).

It is indexed or abstracted in Astrophysics Data System (ADS), Clarivate Analytics’ Web of Science and Journal Citation Report, Scopus, Chemical Abstracts, Referativni Zhurnal, EBSCO, SRJ SCImago, DOAJ, Serbian Citation Index (SCIndeks) and DOI Serbia.

In the last two terms (2015-2018, 2019-2023, Editor-in-Chief: Dejan Urošević) the journal published 17 volumes (190-206) with:

- 93 research and professional papers,
- 2 book reviews,
- 3 in memoriams,

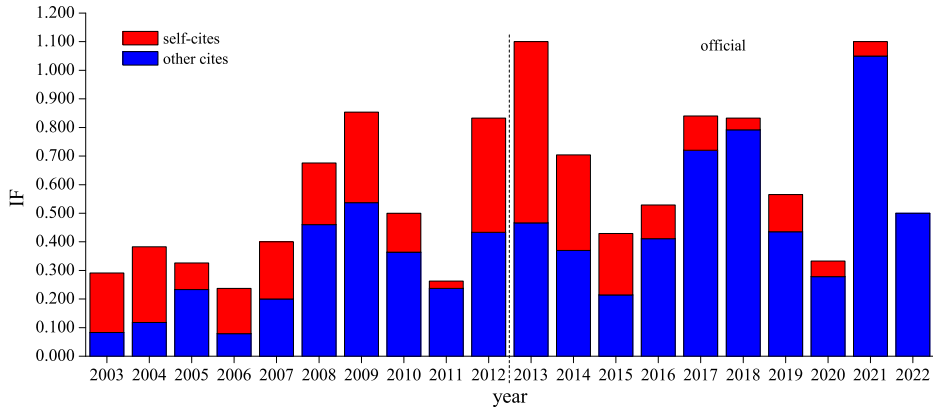


Figure 1: SerAJ 2-year IF for the period 2003–2022. Unofficial IFs were calculated and presented in Arbutina (2009, 2010, 2013), while the official IFs are from the Clarivate Analytics’ databases, concluding with JCR (2023).

- 2 *eratta/corrigenda*,
- 1 editorial,

with a total of 37.6% acceptance rate. Research papers include invited reviews, original scientific papers and preliminary reports. For comparison, in the preceding three terms (2003-2006, 2006-2010, 2011-2014, Editor-in-Chief: Zoran Knežević) the journal published 24 volumes (166-189) with:

- 218 research and professional papers,
- 4 book reviews,
- 5 in memoriams,
- 7 *eratta/corrigenda/addenda*,
- 4 editorials.

Fig. 2 shows a decreasing trend in the number of articles published annually in the SerAJ over the past two decades. Additionally, this figure delineates the proportion of international versus Serbian authors’ contributions, based on the affiliation of the first author. A modest increase in the percentage of authors affiliated internationally relative to those from Serbia is noted, which is a consequence of the fact that the level of international contributions has remained relatively constant, while the number of contribution from Serbian authors decreased.

Fig. 3 shows the percentage of authors from different countries, according to affiliation, that published research papers and other contributions in SerAJ in the period 2003-2023 (volumes 166-206). Highlighted are 12 countries with the percentage above 1 percent. The authors from Serbia dominate, as expected, although their number decreases with time, similarly to the trend observed in Fig. 2.

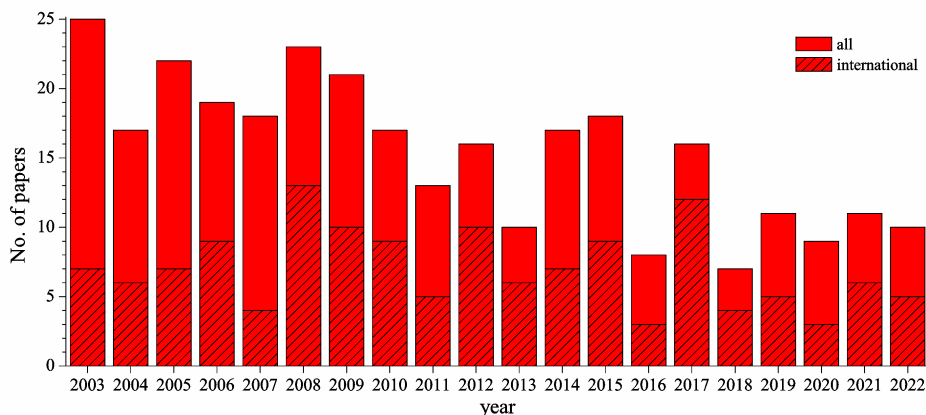


Figure 2: The total number of research papers versus the number of papers classified as international, based on affiliation of the first author, that SerAJ published from 2003 to 2022.

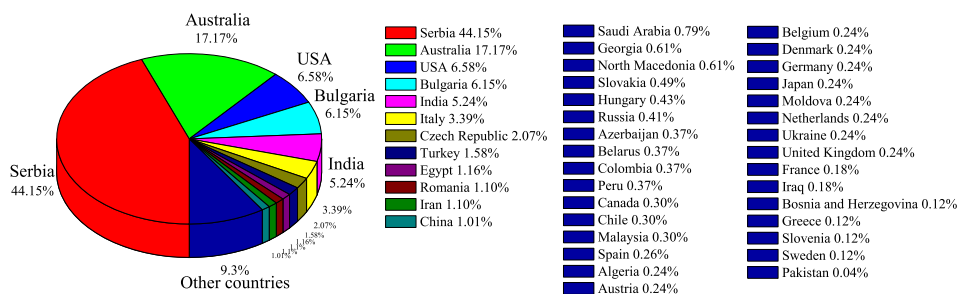


Figure 3: Percentage of authors from different countries, according to affiliation, that published in SerAJ in the period 2003-2023.

In the end, we can say that the SerAJ is distinguished as a Gold Open Access Journal, imposing no article processing charges nor publication fees, a characteristic that sets it apart in its field. Leveraging this unique aspect in future endeavors, the journal aims to attract a more extensive array of authors and reach a wider audience.

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