



Azerbaijan National Academy of Sciences named after N.Tusi

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ASTRONOMICAL JOURNAL OF AZERBAIJAN (AzAJ)

Instructions to Authors

The Astronomical Journal of Azerbaijan (AzAJ) is a publication of the Azerbaijan National Academy of Sciences. The journal accepts articles on all branches of astronomy and astrophysics from all over the world. The publication of an article in AzAJ is free, on the condition that there is free access to the electronic versions of the issues of the journal. The AzAJ is published in a limited number print form and also in electronic format which is posting on web page <http://aaj.shao.az>. The journal is published in English 2 issues in year. The journal is included to the list of recommended scientific journals of the Supreme Attestation Commission of Azerbaijan, and there is access to articles in the NASA ADS database. Issue indexes of the journal is ISSN 2078-4163 (Print), 2078-4171 (Online).

Authors are required to compile the manuscript according to the following rules in order to submit the article to AzAJ journal. Manuscripts not compiled in accordance with these rules shall not be registered in the editorial office and shall not be accepted for publication. The article should be sent to the editors in electronic form, in a special archived folder. The folder should contain the main file containing the text of the article, as well as separate files, with tables and figures. Tables and figures should be placed in the main text of the article as in the print version.

1. Compilation of the article

- 1.1. It is recommended to send the electronic version of the main text of the article in Latex (Tex) format. In this case, the tex file of the article, the compiled pdf version and the images must be in the form of separate files in the folder sent to the editors. This will speed up the publication of the article. The editorial office also accepts the article in MS Word format together with a PDF version and separate files with images.
- 1.2. It is recommended to use the "style" file prepared by the editors when compiling the article in tex format. The Style file can be downloaded from a special Sample folder in the lower left corner of the page at aaj.shao.az.
- 1.3. The text of the article should be typed in English with Caliber (11pt) font, with an interval of 1.2. The article should be carefully edited, all pages should be numbered.
- 1.4. Title of the article; authors; full name and address of the enterprise where the research is conducted; a brief summary should be given. Abbreviated names and references should not be included in the summary. The e-mail address of the author corresponding with the editorial office must be indicated. Then the keywords are placed. Keywords must meet the standards of leading

international journals (MNRAS, A&A, ApJ) and be taken from the following website: (<https://static.primary.prod.gcms.the-infra.com/static/All+Journals/>)

- 1.5. Sections of the article should be numbered from beginning to end in Arabic numerals. There may be several subsections within each section. Sections should be numbered with simple numbers (1,2,..., 5), and subsections should be numbered with double numbers (1.1, 1.2,..., 1.5). Acknowledgments must be given at the end of the text. References should be given under the heading "References".
- 1.6. References in main text should be given in square brackets. If more than one reference is given, a comma or hyphen may be used (for example, [2], or [5, 11] , or at intervals [15-18]).
- 1.7. A brief explanation of the figures and graphics must be given under each illustration. If it is necessary, in the text of article should be presented additional explanation for illustration more detail.
- 1.8. The name of the table must be written after its number. Illustrations and tables should be numbered in Arabic numerals.

2. General recommendations

- 2.1. All abbreviations (abbreviated words) presented in the text first time must be presented in open form.
- 2.2. Only the letters of the Latin and Greek alphabets should be used in the formulas.
- 2.3. Vector quantities should be in bold (**E** , **B**, **c**, **d**), and scalar quantities should be in italic letters(*UBV*, *n*, *T*, *g*).
- 2.4. Mathematical symbols, chemical elements, and other symbols, such as sin, lim, log, max, exp, are collected in simple fonts.
- 2.5. Numbers with decimal fractions should be indicated by dots, not commas (0.37 instead of 0,37)
- 2.6. Simple formulas ($a^2 + b^2 = c^2$) and chemical formulas (H_2SO_4) should be assembled in plain text without the use of programs such as Equation or MathType.
- 2.7. No dot is placed after the title of the article, the names and addresses of the authors, headings, subheadings, units of measurement (sec (s), grams (g), etc.).

3. References

- 3.1. All references must be given in the language in which they are published and are strictly numbered in the order in which they appear in the text. If there is an English version of the publication, a reference must be made to that version.
- 3.2. If the number of authors of the cited literature is more than 3, the first 3 authors are indicated, and further can be written: "et al."
- 3.3. The title of journal in which the cited work is published should be abbreviated as the standard presented on the NASA ADS website (eg Astrophysical Journal-ApJ, Monthly Notices of the Royal Astronomical Society-MNRAS, Astronomy and Astrophysics-A & A, Annual Review of Astronomy and Astrophysics-ARA&A, Astronomical Journal of Azerbaijan -AzAJ, Astronomicheskij Circular - Atsir, etc.). For abbreviated journal titles, please visit: (http://adsabs.harvard.edu/abs_doc/journals1.html).
- 3.4. In the references the title of article, year, short title of the journal (see p. 3.3), volume,

number, beginning and end pages should be given:

Babaev M.B. The variable emission-line structure in the Nova HR Delphini. 1981, PAZh., 7, 422-427.

Lyubimkov LS, Lambert DL, Rostopchina SI, et al, Accurate fundamental parameters for A-F- and G-type Supergiants in the solar neighborhood. 2010, MNRAS, 402, 1369-1379.

3.5. References to the conference materials should include the full name of the report, time and place of the event, the name of editors, the title of the publisher, year and place of publication:

Adigozalzade H.N., Bashirova U.Z, Ismailov N.Z Spectral Variability of the Herbig Ae Type Star HD 179218. Intern. Conference OBA Stars: Variability and magnetic fields. St.Peterburg, 26-30 April, 2021. (<https://zenodo.org/record/5011656#.YNYcpegzY2w>)

Ishkov VN Characteristics of solar activity of a protracted phase of a minimum of 23 - 24 solar cycles. Cycles of activity on the Sun and on the stars. Ed. By VN Obridko, Yu.A. Nagovitsyna, VVM, St. Petersburg, 2009, 57

3.6. Books:

Martynov D.Ya. Practical course in astrophysics. Moscow, Nauka, 1977.-544 Strayzhis VL Multicolor photometry of stars. Vilnius, Mosklas, 1977.-310.

3.7. Websites:

<https://irsa.ipac.caltech.edu/IRASdocs/epsup/>

3.8. Tables must be numbered in the order in which they are presented in the text. The number is followed by the name of the table. Parameters and their units of measurement must be indicated in columns of the table.

4. Illustrations

4.1. Images must be submitted in JPEG, BMP, EPS formats with a resolution of 600 dpi. Photos must be provided with a resolution of 300 dpi.

4.2. Images must be clear and concrete. Images can be submitted in both black- white format and in color format. Below the figures must be presented a brief description.

4.3. If the picture consists of several parts (panels), each panel can be numbered alphabetically (for example, 1a, 1b, etc.). In this case, the explanation of each panel should be given in the common description.

4.4. The axes of the graphs should show the quantities and their units of measurement. For example, RV (km/s), T (K), 10^{-13} erg cm⁻² s⁻¹ Å⁻¹.

4.5. The optimal thickness of the arrows in the graph should be 1.5 pt, the thickness of the drawn curves should be 1.0 pt. It is recommended that the graph be framed and that the scale on the arrows be displayed on the right and left, bottom and top edges of the image.

4.6. The dimensions of the numbers on the scale of the arrows should be chosen so that the numbers and inscriptions do not overlap and they must be read easily. The font size on the arrows should be at least 14-16 pt.

4.7. Images should not be loaded with different text, should be simple and clear, all other information should be given in caption or text.

5. Printing process

- 5.1. Articles performed on these instructions after acceptance must be send to an expert for review. The editorial office strictly protects the anonymity of the expert who gives a review in accordance with ethical rules.
- 5.2. If the review is positive, corrections must be made (if necessary) and the manuscript is accepted for printing. If the review is negative, then the article must be send to an alternative reviewer. If this review is also negative, the article is not accepted for publication by the decision of the editorial board, and by the executive secretary the decision must be sent to the authors.
- 5.3. Finally, the editors for proofreading must send the PDF version of the printed article to the authors. Proofreading must be done within 3 working days, all possible final adjustments must be made. In particular, pictures and tables, bibliography should be checked carefully.
- 5.4. You can use Acrobat Reader 9 and higher (<http://get.adobe.com/reader/>) to make edits to the PDF file . Changes can be made directly to a PDF file, which must then be sent to the editors.
- 5.5. If the authors find it difficult to make corrections in the PDF file during proofreading, then the corrections are sequentially collected in a separate MS Word file and sent to the editor. In this file, the location of all corrections in the text must be clearly indicated, the correct version must be noted.

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