

# Author Guidelines

InterPore Journal is an open access, peer-reviewed international journal owned and published by the International Society for Porous Media (InterPore). Our journal embraces a wide range of topics reflecting the diverse interests of our society's membership. However, you do not need to be a member of InterPore to submit your work. We invite contributions related to porous media applications across various domains.

**Scope of Submissions:** We welcome research that covers, but is not limited to:

- Physical and numerical modeling
- Imaging techniques and analysis
- Theory development
- Big data analysis
- Characterization
- Material design

**Publication Policy:** We consider only original work for publication. Submissions must not have been previously published elsewhere nor be under consideration for publication at any other venue. Electric preprints (pre-publication versions of work deposited on preprint servers or institutional websites) are acceptable, as they are not considered prior publications. If your article has been deposited as a preprint, please inform the editor at the time of submission and provide a link to the preprint along with any relevant licensing information. If your article is accepted for publication in InterPore Journal, please update the preprint with a reference to the published article, including its URL and DOI.

If your article has been published previously as an abstract, include this information in your cover letter. Mention where and when the abstract was published and provide a link if possible.

## Additional Information:

- For information on the types of papers we publish, please see [this page](#).
- For details on publication fees, please visit [this page](#).

Please review our author guidelines carefully when preparing your manuscript for submission. If you have any questions, do not hesitate to contact the Managing Editor, Laura Lenz, at [Laura.Lenz@InterPore.org](mailto:Laura.Lenz@InterPore.org).

We look forward to receiving your contributions and advancing the field of porous media research together.

## Quick Check Table

The following table serves as a quick reference to ensure all relevant information is included when preparing your manuscript for submission<sup>1</sup>. This table can also be downloaded as a pdf [here](#).

<b>GENERAL GUIDELINES</b>	Manuscripts should be COMPLETE, CONCISE and CLEAR (See <a href="#">EASE Guidelines</a> , available in many languages). Follow the appropriate reporting guidelines where applicable.
<b>WORD LIMITS, etc.</b>	
<b>Body Text</b>	InterPore Journal does not impose length limits on any article types. Reviewers and Editors may provide feedback if they find an article excessively long or wordy.
<b>Abstract</b>	The abstract should be limited to one page of text. You may include a graphical abstract to help convey your work's message.  Note: Abstracts are not required for Commentaries on Previously Published Articles, Letters to the Editor, and Opinion Pieces.
<b>Keywords</b>	Provide at least 3, but ideally no more than 8, keywords. Keywords may also be phrases.
<b>Highlights / Key Message</b>	We do not require this. Authors may choose to include it as a text box in their paper if they wish
<b>Tables / Figures</b>	There is no limit on the number of tables and figures. Reviewers and the assigned Editor may provide feedback if they consider the number excessive. Use color whenever possible.
<b>TITLE PAGE INFORMATION</b> <i>*Submit as a separate document if double-anonymous peer review is preferred; otherwise, include it with the manuscript text.</i>	
<b>Title</b>	The title should be clear, concise, and accurately represent the content of your work.
<b>Short Running Title</b>	Not required.

<sup>1</sup> This table has been taken from the following source: Ufnalska S, Terry A (2020) Proposed universal framework for more user-friendly author instructions. European Science Editing 46: e53477. <https://doi.org/10.3897/ese.2020.e53477>

<b>Author Names</b>	List all authors according to the <a href="#">ICMJE</a> guidelines, including full first names, initials, and surnames. Do not use only initials with surnames. Deceased persons who meet the criteria for authorship should be listed with a note regarding the date of death. A collaboration group can be listed as an author, with all members included in the acknowledgements section.
<b>Affiliation Information Required</b>	The institution listed for each author should be where they were when the work was performed. If an author has since moved to a new institution, include the new institution with a note indicating it is their current affiliation.
<b>Corresponding Author Contact Details</b>	Designate at least one author as the contact person. Provide an email address that is unlikely to change soon. You may also include additional information such as the institutional address or telephone number.
<b>Persistent Identifiers of Author(s), etc.</b>	Include ORCID IDs or any other persistent identifiers for all authors who have them.
<b>STRUCTURE OF BODY TEXT, END MATTER, REFERENCES</b>	
<b>Typical Headings and Subheadings</b>	The main text should include the body of the article and can be organized into (sub)sections with short, informative headings. Typical sections to include are: Introduction, Materials and Methods, Results, Discussion, and/or Summary & Conclusions. The final section should address, when relevant, questions for future research and investigation."
<b>Materials and Methods</b>	<p>Provide sufficient detail to ensure that others can easily and successfully reproduce or build upon your work. Depending on the length, include a concise version with key details in the main text and a comprehensive version as supplementary material.</p> <p>This section may include:</p> <ul style="list-style-type: none"> <li>• Complex procedural details</li> <li>• Step-by-step protocols</li> <li>• A list of all materials and equipment used</li> <li>• A list of all software packages used, including key settings*</li> <li>• Details on AI technologies used and their application</li> </ul>

International Society for Porous Media, Executive Committee:

Prof. Dr. Karsten THOMPSON, President

Prof. Dr. Majid HASSANIZADEH, Managing Director

Prof. Dr. Michel QUINTARD, Past President

Prof. Dr. Azita AHMADI-SENICHAULT, Treasurer

Email: [info@interpore.org](mailto:info@interpore.org)

	<p>*Please ensure that all software packages directly used in your research are cited in the references section of your article. Each citation should include the following details: <b>Software name and version, authors (or Developers) of the software, publication date of version used.</b></p>
<b>End Matter</b>	<p>At the end of your paper, include the following statements &amp; declarations:</p> <ul style="list-style-type: none"> <li>• Author Contributions (<a href="#">CRediT</a> format)</li> <li>• Ethics Approval (and name of approving ethics committee) &amp; Consent to Participate (if relevant)</li> <li>• Conflicts of Interest</li> <li>• Data, Code &amp; Protocol Availability</li> <li>• Funding Received</li> <li>• Acknowledgements</li> </ul>
<b>References</b>	<p>There is no limit on the total number of references. Include all datasets used that have a DOI in the reference list.</p>
<b>Referencing Style</b>	<p>APA Reference style</p> <ul style="list-style-type: none"> <li>• <a href="https://apastyle.apa.org/instructional-aids/creating-reference-list.pdf">https://apastyle.apa.org/instructional-aids/creating-reference-list.pdf</a></li> <li>• <a href="https://apastyle.apa.org/style-grammar-guidelines/references/elements-list-entry">https://apastyle.apa.org/style-grammar-guidelines/references/elements-list-entry</a></li> <li>• <a href="https://www.mendeley.com/guides/apa-citation-guide/">https://www.mendeley.com/guides/apa-citation-guide/</a></li> </ul> <p>References in the text should be cited by their number from the reference list, and the list should be organized in alphabetical order.</p> <p>For papers with 6 or fewer authors, list all authors. For papers with more than 6 authors, list only the first 5 authors followed by 'et al.'</p> <p>Include the DOI for each reference and the URL for online sources.</p> <p>The references should also include any research datasets, software and tests which were used. For more information, visit:</p> <p><a href="https://libraryguides.vu.edu.au/apa-referencing/7DatasetsSoftwareTests">https://libraryguides.vu.edu.au/apa-referencing/7DatasetsSoftwareTests</a></p>

International Society for Porous Media, Executive Committee:  
 Prof. Dr. Karsten THOMPSON, President  
 Prof. Dr. Majid HASSANIZADEH, Managing Director  
 Prof. Dr. Michel QUINTARD, Past President  
 Prof. Dr. Azita AHMADI-SENICHAULT, Treasurer  
 Email: [info@interpore.org](mailto:info@interpore.org)

FORMATTING	
<b>File Types</b>	<p>For the review process, papers should be submitted as a single PDF file.</p> <p>Upon acceptance, the following file types will be accepted: OpenOffice, Microsoft Word, LaTeX, or RTF.</p>
<b>Spelling</b>	Use American English.
<b>General Style</b>	<ul style="list-style-type: none"> <li>• <b>All pages</b> should be consecutively numbered.</li> <li>• <b>Text</b> should be double or 1.5-spaced with an easy-to-read font.</li> <li>• <b>Lines</b> should be consecutively numbered.</li> <li>• <b>Illustrations, graphics, figures, and tables</b> should be placed within the text at the appropriate points.</li> <li>• <b>Technical terms, abbreviations, and symbols</b> should be defined when first used; avoid jargon.</li> <li>• Use <b>standard SI units</b>.</li> <li>• <b>Equations</b> should be numbered and referenced in the text as "Eq. 1". Use an equation editor, and when possible use the font "Cambria Math".</li> <li>• For <b>footnotes</b>, use lowercase letters.</li> </ul>
SUBMISSION NOTES	
<b>Comments for the Editor</b>	<p>Include the following items in either the cover letter or the "Comments for the Editor" section during the submission process:</p> <ul style="list-style-type: none"> <li>• Any potential conflicts of interest that the Editors need to be aware of, including conflicts with possible reviewers.</li> <li>• If you prefer a double anonymized or open review process instead of a single anonymized review, please specify.</li> <li>• If you prefer a license different from the journal's standard (CC BY-NC-ND 4.0), such as CC BY 4.0, specify this.</li> <li>• Indicate if the submitted article has been deposited on a preprint server or institutional website, and provide a link to the preprint.</li> <li>• Any additional information that the Editor should be aware of.</li> </ul>

<b>Proposed Reviewers / Reviewers to Avoid</b>	During the submission process, you will be asked to fill in two fields: Preferred Reviewers and Reviewers to Avoid. The names provided should have no association with the authors, and must not include former supervisors, current or past close collaborators, or individuals from the same institution.
<b>Tables</b>	Tables should be inserted into the appropriate location within the text. If this is not possible or not ideal, please upload them as separate documents.
<b>Figures</b>	When possible, insert all figures into the text at their appropriate locations. Additionally, save the original figure files, as they will be needed for the production process if your paper is accepted. Acceptable formats include JPG, TIFF, GIF, PNG, SVG, or EPS. Please do not send images as a pdf file. The resolution should be a minimum of 150 DPI.
<b>Supplementary Files</b>	Upload these as a separate pdf document. This can include additional tables, figures, diagrams, videos, and other supplementary materials.
<b>Required Author Forms</b>	For all accepted papers, the corresponding author must review, correct if necessary, and sign the 'Permission to Publish, Copyright & License Agreement' form on behalf of all authors. This form will be prepared by the Editorial Office and sent to the corresponding author after acceptance.
<b>Fees and Payments</b>	There is an article processing charge (APC) for all accepted papers. For Original Research and Review Papers, the APC is €700 for Institutional members and €1000 for others. For Short Communications and Technical Notes, the APC is €500 for Institutional members and €750 for others. APC waivers are available for authors from low or lower-middle-income countries. Further information can be found <a href="#">here</a> .  <b>Please note that there will be no APC for papers submitted during 2024.</b>
<b>JOURNAL POLICIES, etc.</b>	
<b>Publication Ethics</b>	For an overview of our standards regarding peer review, publication of articles, and the handling of concerns, complaints, or allegations of misconduct, please visit: <a href="https://ipjournal.interpore.org/index.php/interpore/pubethics">https://ipjournal.interpore.org/index.php/interpore/pubethics</a>

International Society for Porous Media, Executive Committee:

Prof. Dr. Karsten THOMPSON, President

Prof. Dr. Majid HASSANIZADEH, Managing Director

Prof. Dr. Michel QUINTARD, Past President

Prof. Dr. Azita AHMADI-SENICHAULT, Treasurer

Email: [info@interpore.org](mailto:info@interpore.org)

<b>Digital Preservation</b>	All content published by InterPore Journal is digitally preserved in the <a href="#">PKP Preservation Network</a> (PKP PN). This preservation process is automatic upon online publication and guarantees long-term access to the content, even if the journal ceases publication or goes offline. Content is deposited in the PKP PN Network through the <a href="#">LOCKSS program</a> .
<b>Publication Model</b>	All articles are published as Open Access, with authors retaining full copyright to their work. Unless otherwise specified by the author(s), articles will be published under the Creative Commons license <a href="#">CC BY-NC-ND 4.0</a> .  For more information, please visit: <a href="https://ipjournal.interpore.org/index.php/interpore/oa">https://ipjournal.interpore.org/index.php/interpore/oa</a>
<b>Preprints</b>	Electric preprints (pre-publication versions of an author's work deposited on a preprint server or institutional website before peer review at a journal) are not considered previous publications and are eligible for submission. Please note this in the Comments for the Editor or a separate cover letter.
<b>Data Sharing</b>	Authors are encouraged, but not required, to share their research data, code, and experimental protocols via public repositories.  For more information, please visit: <a href="https://ipjournal.interpore.org/index.php/interpore/DCsharing">https://ipjournal.interpore.org/index.php/interpore/DCsharing</a>
<b>Use of AI Technologies</b>	If authors use AI tools in the preparation of their manuscripts, they must ensure that any substantive use of these tools meets high standards of reliability and replicability. Authors should provide detailed documentation of the AI tools used, including their versions, settings, and the specific applications.  For more information, please visit: <a href="https://ipjournal.interpore.org/index.php/interpore/AI_Policy">https://ipjournal.interpore.org/index.php/interpore/AI_Policy</a>
<b>Peer Review Model</b>	Authors may choose between a double anonymized, single anonymized, or open review process. If no preference is specified, a single anonymized review process will be assumed  For more information, please visit: <a href="https://ipjournal.interpore.org/index.php/interpore/Process">https://ipjournal.interpore.org/index.php/interpore/Process</a>

<b>Manuscript Acceptance / Rejection rate</b>	No information is currently available. We will update this section once the information is available. When it becomes available, it can be found here: <a href="https://ipjournal.interpore.org/index.php/interpore/Metrics">https://ipjournal.interpore.org/index.php/interpore/Metrics</a> .
<b>Peer Review and Production Times</b>	No information is currently available. We will update this section once the information is available. When it becomes available, it can be found here: <a href="https://ipjournal.interpore.org/index.php/interpore/Metrics">https://ipjournal.interpore.org/index.php/interpore/Metrics</a> .
<b>Citation and Alternative Metrics</b>	No information is currently available. We will update this section once the information is available. When it becomes available, it can be found here: <a href="https://ipjournal.interpore.org/index.php/interpore/Metrics">https://ipjournal.interpore.org/index.php/interpore/Metrics</a> .
<b>MISC.</b>	
<b>Promotion of your Research</b>	InterPore is happy to promote your research through our social media channels to reach a broader audience. Upon acceptance, please provide: <ul style="list-style-type: none"> <li>• A short overview of your article</li> <li>• A graphical abstract or preferred image for social media posting (LinkedIn, Facebook, X)</li> <li>• Information if you or any of your co-authors are members of InterPore so we can feature your article in the member newsletter</li> <li>• A video abstract, if you'd like it promoted on our YouTube channel</li> </ul>
<b>English Language &amp; Editing Support</b>	"For authors for whom English is not their first language and who may seek additional assistance with manuscript preparation or revision, please visit the following <a href="#">page</a> .



## Submission

All articles should be submitted via the link provided on the journal's website. Once submitted, manuscripts will undergo the following review process:

1. **Initial Review:** The Managing Editor will conduct an initial review to ensure completeness.
2. **Suitability Assessment:** The Editor-in-Chief will assess whether the manuscript is suitable for the journal.
3. **Assignment:** If no issues are found, the manuscript will be assigned to an Editor, who will manage the peer review process.

**Submission Agreement:** As part of the submission process, the submitting author must agree on behalf of all authors to the following statements:

- **Privacy Policy:** You agree to have your data collected and stored in accordance with our [privacy policy](#).
- **Original Submission:** This submission is original and has not been previously published nor is it currently being considered for publication elsewhere.
- **Authorship and Approval:** All authors are listed, approve of the author order, agree to the submission for publication consideration, and have read and approved the final text. All authors are willing to be held accountable for the work.
- **Conflict of Interest:** All relevant information pertaining to this submission, including conflicts of interest, has been disclosed in the Comments to Editor (or Cover Letter) and relevant statements and declarations within your paper.
- **References:** All relevant references pertaining to your work have been included in the reference list.
- **Permissions:** Necessary permissions have been obtained for any items included in your paper, such as figures or tables, which originate from other sources.

Additionally, during the submission process, you will also have the opportunity to suggest potential reviewers and to name any reviewers that should be avoided. For further details on the submission process or if you have any questions, please contact us at [Laura.Lenz@InterPore.Org](mailto:Laura.Lenz@InterPore.Org).

## Comments for the Editor / Cover Letter

**Submission Process:** During the submission process, you can include a cover letter with your manuscript files or complete the “Comments for the Editor” section available during the first step of the submission process.

**Comments for the Editor or Cover Letter:** In this letter or section, please address the following:

International Society for Porous Media, Executive Committee:  
Prof. Dr. Karsten THOMPSON, President  
Prof. Dr. Majid HASSANIZADEH, Managing Director  
Prof. Dr. Michel QUINTARD, Past President  
Prof. Dr. Azita AHMADI-SENICHAULT, Treasurer  
Email: [info@interpore.org](mailto:info@interpore.org)

### 1. Conflicts of Interest:

- **Disclosure:** Mention any actual or perceived conflicts of interest that the authors may have, including conflicts concerning potential reviewers. If there are no conflicts of interest, explicitly state this.
- **Uncertainty:** If you are uncertain whether a conflict of interest exists, seek advice from the Editor-in-Chief.
- **Further Information:** For guidance on what constitutes a conflict of interest, refer to the [ICMJE Guidelines](#).

### 2. Review Process Preference: Indicate your preferred review process from the following options:

- **Double Anonymized:** The identities of both the reviewers and the authors are kept confidential.
- **Single Anonymized:** The identities of the authors are known, but the identities of the reviewers are not.
- **Open:** The identities of both the authors and reviewers are known.

### 3. Creative Commons License:

- **cOAlition S Funded Research:** If your article results from cOAlition S funded research or the funder requires publication under the Creative Commons Attribution 4.0 International License (CC BY 4.0), please specify this in your cover letter.
- **Default License:** Unless otherwise specified, all articles will be published under the Creative Commons license CC BY-NC-ND 4.0.

### 4. Preprint Information:

- If your article has been deposited on a preprint server or institutional website, state this and provide a link to the preprint article.

### 5. Additional Information:

- **Relevant Details:** Include any other information you believe is pertinent for the Editorial Office and Editors to be aware of.
- **Artificial Intelligence:** If artificial intelligence technologies were used in the preparation of your paper or at any stage during the research process, please mention this in your cover letter.

For further assistance or if you have any questions regarding the submission process, please contact us at [Laura.Lenz@InterPore.org](mailto:Laura.Lenz@InterPore.org).

# Preparing Your Manuscript for Double Anonymized Peer Review

If you prefer a double anonymized peer review process, please adhere to the following guidelines to ensure the identities of all authors are concealed:

## 1. Manuscript Preparation:

- **Conceal Author Identity:** Ensure that no names, affiliations, or identifying information are included anywhere in the manuscript or supplementary materials. Use the term "BLINDED" in all caps in place of author names and affiliations.
- **Neutral Terminology:** When referring to your own previous work, use neutral terms (e.g., "the previous study" rather than "our previous study") to avoid revealing author identities.

## 2. Cover Letter:

- **Include Author Information:** The cover letter should include the Acknowledgements, Author Contributions, Conflicts of Interest, and all Author Names and Institutions.
- **Conflicts of Interest:** Disclose any actual or perceived conflicts of interest, including any conflicts regarding potential reviewers.

## 3. Metadata:

- **Remove Author Information:** Ensure that any author information is removed from the metadata of the files to be submitted. This can typically be done by going to Properties under the File menu in word processors and PDF readers.
- **Track Changes:** For revised manuscripts, activate the "Track Changes" setting if available to show revisions without revealing author identities.

## 4. Submission Files:

- **Anonymize Files:** Ensure all submitted files, including the main manuscript and supplementary materials, are anonymized according to the above guidelines.

## File Type & Formatting and Style Considerations

For the peer review process, please submit a single pdf document. Should your paper be accepted, the original files will need to be sent to the Editorial Office at [Laura.Lenz@InterPore.org](mailto:Laura.Lenz@InterPore.org). The following file types are accepted: OpenOffice, Microsoft Word, LaTeX, or RTF document file format.

### Document Submission:

- **Primary Document:** When possible, please upload a single PDF document that includes the title page, main text, figures, tables, diagrams, legends, footnotes, and references.
- **Supplementary Information:** Upload any supplementary information as 1 or more separate PDF documents.

International Society for Porous Media, Executive Committee:

Prof. Dr. Karsten THOMPSON, President

Prof. Dr. Majid HASSANIZADEH, Managing Director

Prof. Dr. Michel QUINTARD, Past President

Prof. Dr. Azita AHMADI-SENICHAULT, Treasurer

Email: [info@interpore.org](mailto:info@interpore.org)

- **Figures, Tables, Charts:** If a figure, chart, or table is too large to be viewed properly when placed within the text, submit it as a separate file.
- **Original Files:** Save all original files, as they will be required for the publication stage should your paper be accepted.

### Formatting Guidelines:

- **Page Numbering:** All pages should be consecutively numbered.
- **Line Numbering:** All lines should be consecutively numbered.
- **Text Formatting:** Text should be 1.5 or double-spaced and use an easy-to-read 12-point font.
- **Placement of Illustrations:** Illustrations, figures, and tables should be placed within the text at the appropriate locations.
- **Language:** Use American English spelling, grammar, and style.
- **Definitions and Jargon:** Define technical terms, abbreviations, and symbols upon first use; avoid jargon.
- **Units:** Use standard SI units and leave a space between the quantity and the unit.
- **Mathematical Symbols:** Leave a space on each side of mathematical symbols.

By adhering to these guidelines, you will help facilitate a smooth review and publication process. For any questions or additional assistance, please contact the Managing Editor at [journal's contact email].

## Policy Regarding the Sharing of Data, Code & Protocols

To enhance the transparency and reproducibility of research published in the InterPore Journal, we encourage all authors to make their data, code, and related protocols available to the public at the time of publication. This practice supports the integrity of scientific research and facilitates the verification and further development of findings by other researchers.

### Submission and Review Process:

- **Disclosure:** During the submission process, authors should disclose any data, code, and protocols related to their work to the Editors. This material must be made available upon request during the review process.
- **Availability:** Authors are encouraged to deposit their data, code, and protocols in publicly accessible repositories and include links to these resources in their manuscript. If data or code cannot be made publicly available, authors should provide a detailed explanation for this limitation.

**Further Information:** For more details on our policy regarding the sharing of data, code, and protocols, please refer to this [page](#) on our website.

By adhering to this policy, authors contribute to the broader scientific community's ability to validate, replicate, and build upon their research. For any questions or additional guidance on this policy, please contact us at [Laura.Lenz@InterPore.org](mailto:Laura.Lenz@InterPore.org).

## Policy regarding the use of AI Technologies

If authors use AI tools in the preparation of their manuscripts, they must ensure that any substantive use of these tools meets high standards of reliability and replicability. This is crucial for maintaining the integrity and credibility of the research. Therefore, when utilizing AI for substantive tasks, authors should provide detailed documentation of the AI tools used, including their versions, settings, and the specific applications. The use of AI can range from non-substantive to substantive contributions. Non-substantive use includes tasks such as spelling and grammar correction, as well as refining the text's formulation and formatting. Substantive use, on the other hand, involves more complex tasks like data analysis.

If artificial intelligence (AI) technologies, including large language models (LLMs) such as ChatGPT or other AI tools, have been utilized in the preparation of your manuscript or at any stage during the research process, it is necessary to provide detailed information about their use in the "Materials and Methods" section. This should include:

- **Description of AI Technologies:** Clearly specify which AI technologies or tools were employed.
- **Purpose and Application:** Describe how the AI technologies were applied in your research. This could include their role in data analysis, text generation, experimental design, or any other relevant aspect of the research process.
- **Transparency in Contribution:** Provide a detailed account of how the AI technologies contributed to the research outcomes.
- **Methodological Details:** Include information on the specific algorithms, models, or software versions used, and any key settings or parameters if applicable.

### Examples of AI technologies or tools include<sup>2</sup>:

- Natural language processing tools such as Chatbots (ChatGPT, Claude) and Text analysis tools (e.g. Grammarly, Paperbot, Quilbot)
- Machine learning frameworks such as TensorFlow or PyTorch
- Data analysis tools such as DataRobot or Tableau
- Computer vision tools such as OpenCV
- Speech recognition tools such as Google Speech-to-Text
- Robotic process automation tools such as Elasticsearch
- Predictive analytics tools such as IBM SPSS
- Recommendation engines such as Netflix's recommendation algorithm

---

<sup>2</sup> Source: <https://www.linkedin.com/pulse/what-artificial-intelligence-ai-tools-jatin-uaqkf/>

International Society for Porous Media, Executive Committee:

Prof. Dr. Karsten THOMPSON, President

Prof. Dr. Majid HASSANIZADEH, Managing Director

Prof. Dr. Michel QUINTARD, Past President

Prof. Dr. Azita AHMADI-SENICHAULT, Treasurer

Email: [info@interpore.org](mailto:info@interpore.org)

- AI in business applications such as Marketo, Alteryx, IBM Watson for Health

It is also the duty of the authors to thoroughly check all items for correctness for which an AI tool was used. If an AI technology was used during the proofreading or revising stage to improve the language, the original version should also be saved in case this is requested by the Editors for review. The authors are also responsible for ensuring that when uploading any data or text to an AI tool, that all items relating to copyright, privacy and confidentiality have been considered. It is the authors' responsibility to ensure that all necessary rights to material used have been obtained in advance, and that the work of others has been properly cited in the text and in the references.

Please note that large Language Models (e.g., ChatGPT) or other artificial intelligence tools cannot be listed as authors as "they cannot be responsible for the accuracy, integrity, and originality of the work<sup>3</sup>", all of which are required to be considered according to the guidelines set by [ICMJE](#).

This approach ensures that AI-enhanced research adheres to rigorous standards, enhancing trust and transparency in published works.

## Article Components

Here is a detailed description of the standard components that should be included in all articles submitted to the InterPore Journal, unless otherwise specified in the article type overview:

### Title page

- **Title:** A clear and concise title that accurately represents the content of the paper.
- **Author Information:** Full names and ORCID IDs of all authors should be included. The corresponding author should be indicated with contact information that is unlikely to change soon (email address at minimum).\*
- **Collaboration groups** can be listed as an author by providing the group name. Individual members of the collaboration group should be acknowledged in the "Acknowledgements" section.
- **Affiliations:** List the institutional addresses where the work was performed. If an author has moved to a new institution since the work was conducted, include the current institutional address as well.
- **Keywords:** At least three and ideally no more than five keywords or phrases relevant to the article.

---

<sup>3</sup> Source: <https://www.icmje.org/recommendations/browse/roles-and-responsibilities/defining-the-role-of-authors-and-contributors.html>

International Society for Porous Media, Executive Committee:

Prof. Dr. Karsten THOMPSON, President

Prof. Dr. Majid HASSANIZADEH, Managing Director

Prof. Dr. Michel QUINTARD, Past President

Prof. Dr. Azita AHMADI-SENICHAULT, Treasurer

Email: [info@interpore.org](mailto:info@interpore.org)

### \*Authorship Criteria:

- **Substantial Contributions:** Ensure that all listed authors have made substantial contributions to the work and have agreed to be held accountable for the work and its published form.
- **Authorship Guidelines:** Adhere to the guidelines on Authorship from the International Committee of Medical Journal Editors ([ICMJE](#)), which apply to all fields. You can find more information on authorship guidelines [here](#).

### \*Special Considerations:

- **Shared First Authorship:** If the first authorship is shared between two or more authors, please specify this on the Title Page.
- **Artificial Intelligence Tools:** Large Language Models (e.g., ChatGPT) or other artificial intelligence tools cannot be listed as authors. If such tools were used in the research, their use should be documented in the Methods section of the manuscript.

## Abstract

The abstract should provide a succinct and informative summary of your manuscript. It should include the following key components:

1. **Purpose:** Clearly state the main objective or research question of the study. What was the primary aim of your work?
2. **Methods:** Briefly describe the methodology used to achieve the research objectives. This includes any experimental techniques, theoretical approaches, or data analysis methods employed.
3. **Results:** Summarize the main findings or results of the study. Highlight the most significant outcomes and how they address the research question.
4. **Conclusions:** Explain the implications of your findings. How do they contribute to the field of porous media? What are the broader impacts or applications?
5. **Significance:** State what the study adds to the existing body of knowledge. Why is this work important, and what does it offer that is novel or valuable?
6. **Graphical Abstract:** While not mandatory, you are encouraged to submit a graphical abstract if it enhances the understanding of your work. A graphical abstract is a visual summary of the key points of your research, which can help in quickly conveying the core message of your study.

### Additional Notes:

- **Abstract Length:** The abstract should be concise and limited to a single page of text.
- **Types of Articles:** Abstracts are required for all article types except for Commentaries on Previously Published Articles, Letters to the Editor, and Opinion Pieces.

### Keywords

Please provide at least three and up to five keywords or keyword phrases that best represent the main content and focus of your article. Keywords should be specific to your research topic and facilitate the discoverability of your paper by readers and researchers interested in similar topics.

### Main Text

The main text of your manuscript should encompass the core content of your article and can be organized into clear, structured sections with concise and descriptive headings. Proper organization ensures clarity and improves the readability of your manuscript.

### Structure and Sections:

1. **Introduction:** Provide a brief background to the research topic, outlining the problem or question being addressed, and state the objectives or hypotheses of your study.
2. **Materials and Methods:** Detail the methodologies, experimental procedures, and techniques used in your research. Include specific information on materials, equipment, and any software or algorithms employed. This section should be thorough enough to allow for replication of your study.
3. **Results:** Present the main findings of your research. Use tables, figures, and text to clearly and logically convey the data. Avoid interpreting or discussing the implications of the results in this section.
4. **Discussion:** Interpret and analyze the results in the context of the research question or hypothesis. Discuss how your findings contribute to the field, compare with previous work, and highlight the significance of your study.
5. **Summary & Conclusions:** Summarize the key findings and their implications. Include any conclusions drawn from the study and suggest possible directions for future research.

### Additional Guidance:

- **Subsections:** Feel free to use subsections within these main headings to further organize complex information or distinct parts of your study.



- **Future Research:** When relevant, address potential questions or areas for further investigation in the final section to provide a comprehensive view of the study's impact and future directions.

By following these guidelines, your manuscript will be well-structured, making it easier for reviewers and readers to understand and evaluate your research.

## Further Information Regarding the “Materials and Methods” Section

In the **Materials and Methods** section, it is essential to provide comprehensive and precise details to enable readers to replicate or extend your research.

### Key Components to Include:

- **Procedural Details:** Offer a clear and detailed description of the experimental procedures. Ensure that all steps are outlined systematically to facilitate replication. It is acceptable here to reuse the exact text from the Materials and Methods section of previous work as long as it is properly attributed.
- **Protocols:** Include step-by-step protocols that encompass every aspect needed to reproduce the methodology. These protocols should be sufficiently detailed to allow others to follow them accurately. Authors are also encouraged to deposit their protocols in public repositories (e.g. <https://www.protocols.io/>)
- **Materials and Equipment:** Provide a thorough list of all materials and equipment utilized, such as microscopes, objective lenses, cameras, detectors, and filter models. Specify the make and model where applicable.
- **Software Packages:** List all software packages employed in your research, including image acquisition and processing tools. Detail key settings, configurations, and any processing manipulations that were applied.
- **Artificial Intelligence (AI) Technologies:** If AI-assisted technologies were used, describe their role and how they were integrated into the research. Include specifics on algorithms, models, and any relevant parameters.

### Formatting Recommendations:

- **Short vs. Detailed Versions:** Consider including a concise version of the Materials and Methods in the main text, with a more extensive description available in the Supplementary Materials. This approach allows for clarity while providing in-depth information for those interested.
- **Shortcut citations:** When using shortcut citations for your Methods, i.e. citing a previous work that describes the Methods used, make sure that this work is accessible (and not stuck behind a paywall) and contain a detailed description that accurately represents the steps that you yourself used. If any modifications have been made to the methods that are being cited, these modifications should be fully described.

International Society for Porous Media, Executive Committee:

Prof. Dr. Karsten THOMPSON, President

Prof. Dr. Majid HASSANIZADEH, Managing Director

Prof. Dr. Michel QUINTARD, Past President

Prof. Dr. Azita AHMADI-SENICHAULT, Treasurer

Email: [info@interpore.org](mailto:info@interpore.org)

## Legends

Each Figure, Table, and Diagram should be accompanied by a concise yet descriptive Legend, which must be numbered sequentially (e.g., Figure 1, Figure 2, Table 1, Table 2). Ensure that the Legend clearly explains the content and context of the visual elements, providing enough detail for readers to understand the information presented without referring back to the main text.

Legends should not be embedded within the main text. Instead, they should be placed either directly next to or immediately following the respective Figure, Table, or Diagram. Alternatively, if preferred, all Legends can be compiled in a single section at the end of the manuscript.

Legends that refer to Figures, Tables, Charts, and Diagrams which report data should also refer to the relevant methods used.

## Figures, Tables, Diagrams, Charts

**Color Use and Accessibility:** When using color in Figures, Tables, Diagrams, and Charts, please ensure that your visuals remain accessible to all readers, including those who are colorblind or visually impaired. For guidance on effective color use, refer to these resources:

- [Data Visualization for Colorblind Readers](#)
- [Data Visualization for Visually Impaired Users](#)

**File Formats and Resolution:** It is only necessary to provide the original files for these upon acceptance. For the original submission and review process, these can be embedded in the main text.

- **File Types:** Upon acceptance, figures should be provided in their original file formats (e.g., jpg, tiff, gif, png, svg, or eps). Please do not send a pdf file.
- **Resolution:** Ensure all images have a minimum resolution of 150 DPI to maintain clarity.

### Image Processing and Accuracy:

- **Processing:** While some image processing is acceptable, it should be kept to a minimum. Final images must accurately represent the original data.
- **Unprocessed Data:** Save all unprocessed data files in case they are needed for the review process or after publication.

## Materials and Methods Section:

- **Tools and Software:** Include detailed information in the Materials and Methods section about all image acquisition tools (e.g., microscopes, cameras) and image processing software (including version numbers) used.
- **Settings and Manipulations:** Provide information on key settings and any processing manipulations. Indicate the type of equipment and software used, and specify any image manipulations in the figure legend.
- **Resolution:** Report the measured resolutions of images where applicable.

## Permission and Attribution:

- **Borrowed Content:** If Figures, Tables, Diagrams, or Charts have been borrowed or adapted from another publication, obtain permission from the original copyright holder(s) for online re-use. Include a copy of this permission with your submission.
- **Credit Line:** Provide a credit line as specified by the copyright holder. For example: *(Reprinted with permission from Lunstrum, A., Van Den Berghe, M., Bian, X., John, S., Neilson, K., West, A.J. (2023) Bacterial use of siderophores increases olivine dissolution rates by nearly an order of magnitude. Geochem. Persp. Let. 25, 51–55.)*
- **Open Access:** If the borrowed work is from an Open Access article, you must still cite the original work properly.

## Abbreviations and symbols

If your paper uses a significant number of abbreviations or symbols, please include a comprehensive list at the end of your manuscript for easy reference. This list should define each abbreviation and symbol used in the text, ensuring clarity and consistency for readers.

## Equations

All equations must be numbered consecutively and referenced in the text as Eq. 1, 2, 3, etc.

## Formatting Guidelines:

- **Numbering:** Place equation numbers in parentheses and align them to the right of the page.
- **Letters:** Ensure that capital and lowercase letters in equations are clearly distinguishable to avoid confusion.
- **Equation Editor:** Use an equation editor to produce high-quality equations directly in the text.
- **Variable Definitions:** Define all variables used in the equations either immediately before or after their appearance in the text. Definitions should be clear to maintain the understanding and flow of the text.
- **Font:** Please use the font “Cambria Math” when possible.

International Society for Porous Media, Executive Committee:  
Prof. Dr. Karsten THOMPSON, President  
Prof. Dr. Majid HASSANIZADEH, Managing Director  
Prof. Dr. Michel QUINTARD, Past President  
Prof. Dr. Azita AHMADI-SENICHAULT, Treasurer  
Email: [info@interpore.org](mailto:info@interpore.org)

## Footnotes

If your paper includes footnotes, please use raised lowercase letters (e.g., a, b, c) for labeling them. Ensure that footnotes are placed at the bottom of the page where they are referenced in the text. \*Do not use footnotes to cite references. References should be cited within the main text and included in the reference list.

## Statements and Declarations

At the end of your paper, please include the following sections:

- **Author Contributions:** Provide a detailed account of each author's contributions to the research and writing of the paper, following the [CRediT](#) (Contributor Roles Taxonomy) format.
- **Ethics Approval and Consent to Participate:** If applicable, state whether the research was approved by an ethics committee or review board. Include the name of the approving ethics committee, and whether informed consent was obtained from all participants involved in the study.
- **Conflicts of Interest:** Disclose any actual or potential conflicts of interest that could influence the research. If there are no conflicts, state this explicitly. For more information on conflicts of interest, please refer to the COPE guidelines and flowcharts: <https://publicationethics.org/resources/discussion-documents/handling-competing-interests-january-2016-0>
- **Availability of Data, Code & Protocols:** Provide information on the availability of data, code, and protocols. Specify where these materials can be accessed, such as public repositories or upon request. Assigned DOI or other identification numbers, links and any conditions that may be present in order to obtain access should be included. This information should also be included in the references and cited in the text.
- **Funding Received:** List all sources of funding or financial support received for the research. Include grant numbers and the names of funding organizations.
- **Acknowledgements:** Acknowledge any individuals or organizations that contributed to the research but do not qualify as authors. Include funding sources if not already mentioned.

## References

InterPore Journal follows the APA reference style. For detailed guidance on APA formatting, including examples, please refer to the following resources:

- <https://apastyle.apa.org/instructional-aids/creating-reference-list.pdf>
- <https://apastyle.apa.org/style-grammar-guidelines/references/elements-list-entry>
- <https://www.mendeley.com/guides/apa-citation-guide/>

International Society for Porous Media, Executive Committee:  
Prof. Dr. Karsten THOMPSON, President  
Prof. Dr. Majid HASSANIZADEH, Managing Director  
Prof. Dr. Michel QUINTARD, Past President  
Prof. Dr. Azita AHMADI-SENICHAULT, Treasurer  
Email: [info@interpore.org](mailto:info@interpore.org)

A list of all references used should be included at the end of your paper in alphabetical order. Include all datasets used in the research, along with their DOI's if present, in the reference list. Refer to references in the text by their number. For papers with 6 authors or less, please list all authors, otherwise list only the first 5 authors followed by et al. Include the DOI for each reference, if available. For online sources, also provide the URL and the date accessed.

The references should also include any research datasets, software and tests which were used. For more information, visit:

<https://libraryguides.vu.edu.au/apa-referencing/7DatasetsSoftwareTests>

**Exclusions:** The following items should not be included in the reference list. Instead, refer to them within the paper or its footnotes: Personal communications, General mentions of entire websites, and the source of an epigraph or quotations from others

## Supplementary / Supporting Information

All supplementary or supporting information provided by the authors will be published online alongside the main article. This material will not be edited or composed prior to publication. Please adhere to the following guidelines for supplementary material:

- **Standalone Main Text:** Ensure that the main text of the paper is comprehensive and can stand alone without reliance on supplementary material. The main text cannot be altered following acceptance of the paper.
- **Referencing Supplementary Material:** When referring to supplementary material in the main text, use the term "Supplementary" on the first mention. For subsequent references, use the abbreviation "S" followed by the figure, table, chart, diagram, or equation number (e.g., Supplementary Figure S1 or S1).
- **Materials and Methods:** If portions of your Materials and Methods are included in the supplementary material, make sure the main text includes sufficient information for readers to understand the procedures and results. The supplementary material should not be used to fill gaps in the main text.
- **Content Quality:** Although supplementary material is not edited before publication, it should be prepared with care. Ensure clarity and accuracy in all supplementary content, as it will be accessible to readers alongside the main article.

**Should any issues or questions arise during the submission process, please contact the Managing Editor at [Laura.Lenz@InterPore.Org](mailto:Laura.Lenz@InterPore.Org).**