**The title of your manuscript**

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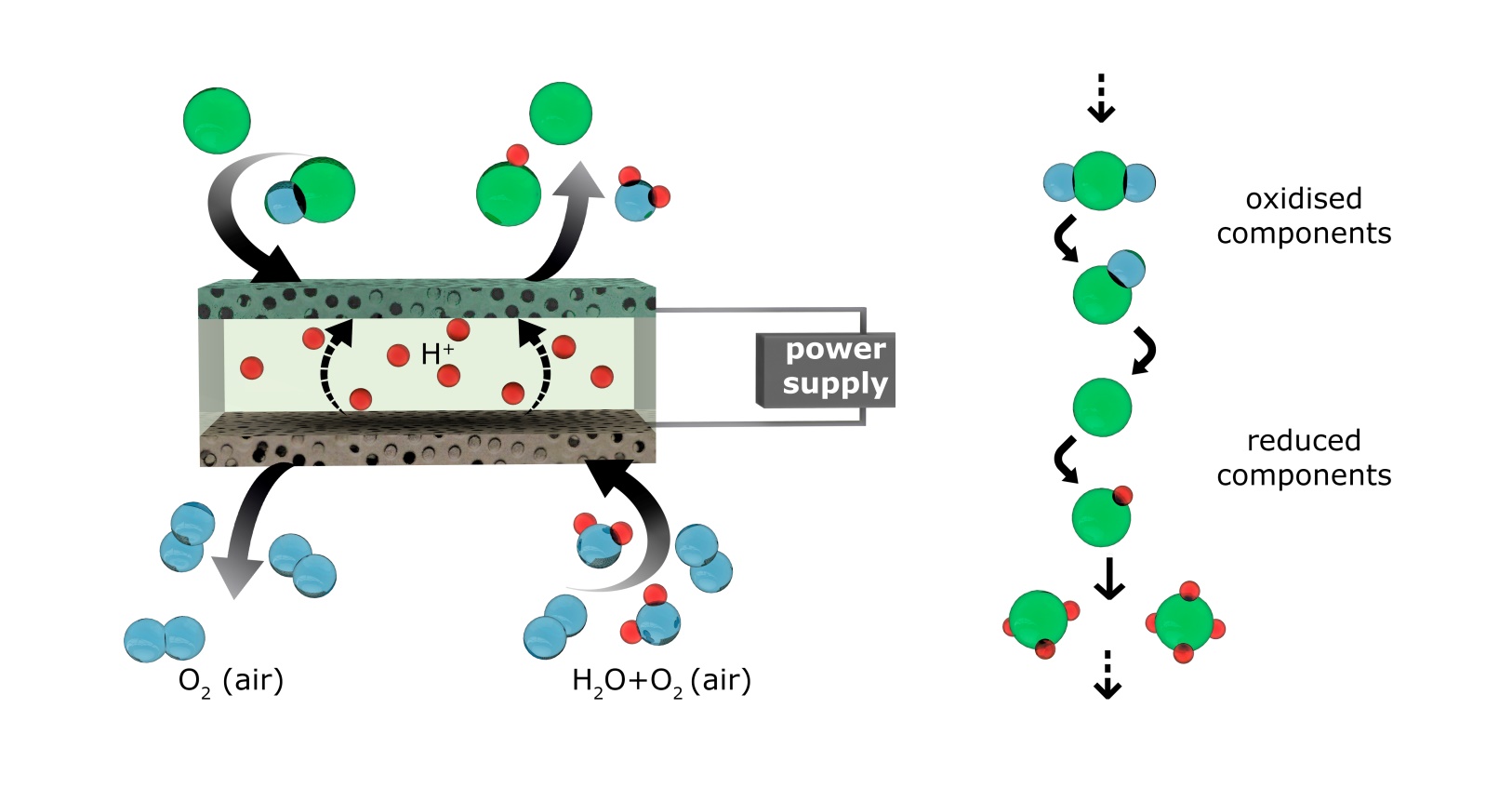
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**Abstract**

The abstract should briefly state the content, methods, and results. (Max. 200 words. Relevance and novelty signs should be mentioned)

**Keywords**: XXX; YYY; ZZZ (Max. 6 keywords, separate with semicolons)

**Graphical abstract**



# Introduction (main section, 16pt, bold, without numeration)

Text Text Text Text Text Text Text Text Text Text Text Text Text Text Text Text Text Text Text Text Text Text [1–4]. Text Text Text Text Text Text Text Text Text Text Text Text Text Text Text Text Text Text Text Text Text [5,6]. Text Text Text Text Text Text Text [7]. Text Text Text Text Text Text Text [1–3,5,8].

# Theoretical parts (if needs)

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# Experimental

Text Text Text Text Text Text Text Text Text Text Text Text Text Text Text Text Text Text Text Text Text Text.

## *Materials preparation* (subsection, 14pt, italic, bold, without numeration)

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## *Characterization of materials*

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# Results and discussion

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Example of equation:

 (1)

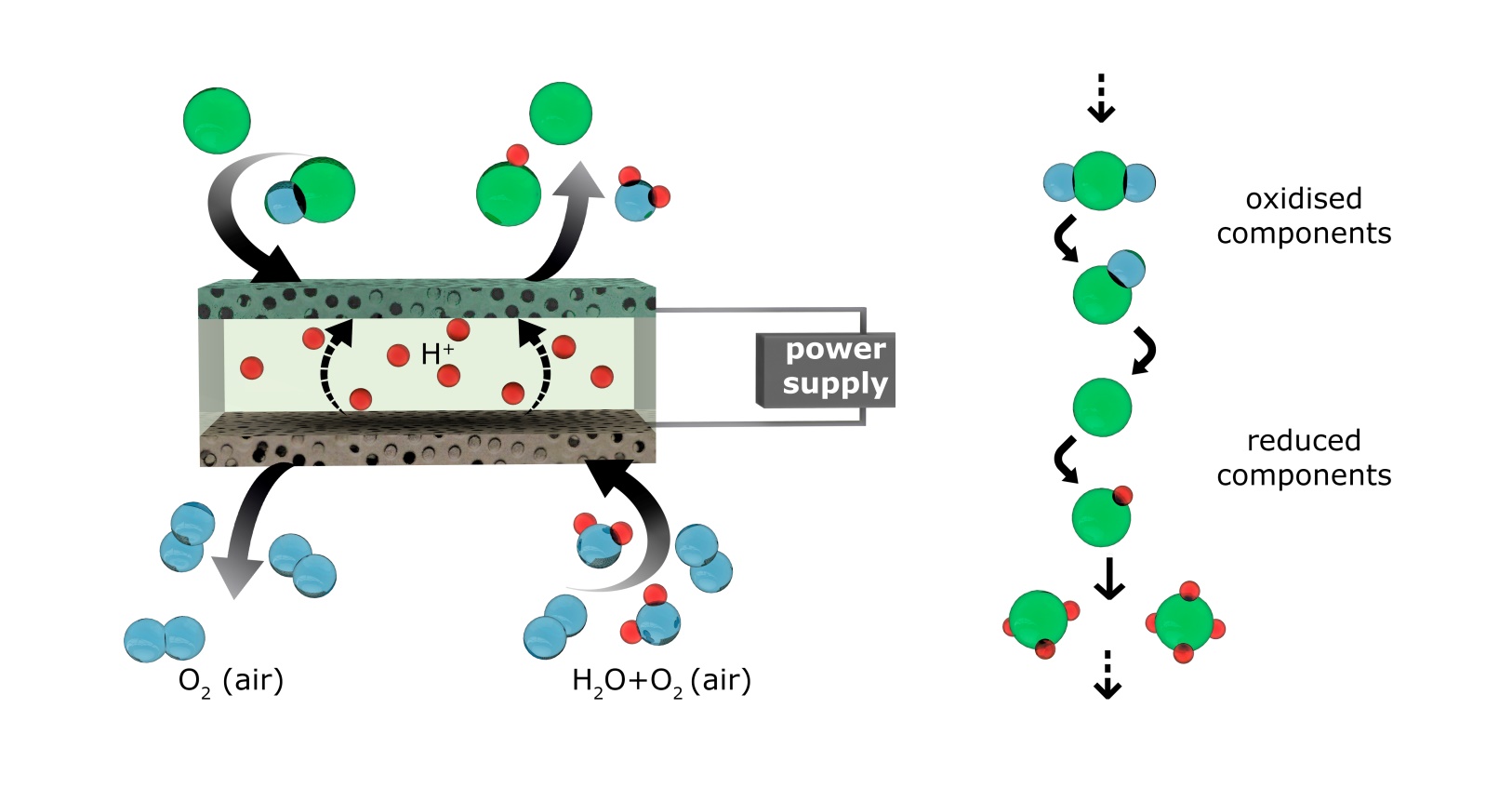
Briefly and descriptively entitle each table and caption each figure. Place the table title above the table and the figure caption below the figure. Each table and figure should be cited in the text (e.g., Fig. 1, Table 1); and placed as close as possible to the text to which they refer. Tables and figures should be numbered consecutively with Arabic numerals.

Example of table:

**Table 1 – Conductivity of materials at 600 °C in different atmospheres.**

|  |  |  |
| --- | --- | --- |
| **Composition** | **Atmosphere** | **σ, mS cm–1** |
| Materials A | Air | 1.7 |
| Materials A | Nitrogen | 1.1 |
| Materials A | Hydrogen | 2.3 |
| Materials B | Air | 1.6 |
| Materials C | Nitrogen | 1.5 |

Example of Figure:



**Fig. 1 – Principal scheme of combined electrolysis and conversion processes in PCECs [9].**

# Conclusions

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# Acknowledgement (Optional)

Acknowledgement comes here.

# References

Kurtz J, Sprik S, Bradley TH. Review of transportation hydrogen infrastructure performance and reliability. Int J Hydrogen Energy 2019;44:12010–23. <https://doi.org/10.1016/j.ijhydene.2019.03.027>.

Nikolaidis P, Poullikkas A. A comparative overview of hydrogen production processes. Renew Sustain Energy Rev 2017;67: 597–611. <https://doi.org/10.1016/j.rser.2016.09.044>.

Colomban P. Proton conductors and their applications: A tentative historical overview of the early researches. Solid State Ionics 2019;334:125–144. <https://doi.org/10.1016/j.ssi.2019.01.032>.

Institute of High Temperature Electrochemistry. Website visited on 1th November 2020, <http://www.ihte.uran.ru/?page_id=3106>.

W. University. Standard development process for on-site hydrogen station. [http://www.hysafe.info/wp-content/ uploads/2014/07/HySafe\_04b\_Lee.pdf](http://www.hysafe.info/wp-content/%20uploads/2014/07/HySafe_04b_Lee.pdf).