

Curriculum Vitae

Personal data

Family name:	Bakonyi
First name:	Péter
Nationality:	Hungarian
E-mail address	bakonyip@almos.uni-pannon.hu



Scientifically relevant profiles

Scopus: www.scopus.com/authid/detail.url?authorId=36871443100
ResearchGate: www.researchgate.net/profile/Peter_Bakonyi
Google Scholar: scholar.google.ca/citations?user=5LQgw28AAAAJ

Personal Qualifications

Dr. Péter Bakonyi (age: 33), obtained his PhD title in 2012 from the Doctoral School of Chemical Engineering and Materials Sciences at the University of Pannonia, Hungary with Summa Cum Laude degree. He has been working on anaerobic fermentation and membrane gas separation technologies mainly related to biohydrogen research. Recently, his research interest has expanded to bioelectrochemical systems, particularly to microbial adaptation processes and application of new polymeric/ionic liquid-containing membranes for MFCs and microbial electrolysis cells. In the research line of microbial electrochemical technology, he has been leading as principal investigator a 3-year postdoctoral research project with the support of the National Research, Development and Innovation Office (Hungary).

Over the years, Dr. Bakonyi has published a significant number of original research and review papers on subjects associated with membrane gas separation and bioelectrochemical applications in highly-ranked (D1/Q1) journals, such as Progress in Energy and Combustion Science, Renewable and Sustainable Energy Reviews, Journal of Membrane Science, Bioresource Technology, Chemical Engineering Journal, Journal of Cleaner Production, International Journal of Hydrogen Energy, etc.

As for Dr. Bakonyi's track-record, he produced 68 peer-reviewed articles in international journals (in 33 as first/corresponding/last author) with cumulative impact factor (IF) >280 (~4.2 IF/paper in average) and >840 independent citations received, based on which his H-index is 16. In addition, he took part in the development of a wide international network and maintains active scientific collaborations with research groups in Norway, France, Czech Republic, Poland, Germany, South Korea, Mexico and China.

Presently, Dr. Bakonyi works in the Research Institute on Bioengineering, Membrane Technology and Energetics (University of Pannonia, Hungary) as Research Fellow. In 2017, he earned the prestigious János Bolyai Research Scholarship from the Hungarian Academy of Sciences. Lately, Dr. Bakonyi has been guest editor for recognized international journals, such as Frontiers in Energy Research and Waste and Biomass Valorization.