

Meno a priezvisko:

doc. Ing. Peter Bracíník, PhD.

Odbor habilitačného a inauguračného konania:

silnoprúdová elektrotechnika

Vysoká škola:

Katedra elektroenergetiky a elektrických pohonov, FEIT  
UNIZA

### Zoznam najvýznamnejších vedeckých prác

	Názov	Citácie
1.	<b>Bracíník, P.</b> , Latkova, M., Altus, J.: <i>Retrofit of distributed generation vs. frequency control in smart grids at overfrequency</i> , Electrical Engineering, December 2017, Vol. 99, Issue 4, pp: 1403-1415, Springer, New York, USA, ISSN 0948-7921 (print), <a href="https://doi.org/10.1007/s00202-017-0622-3">https://doi.org/10.1007/s00202-017-0622-3</a> WoS {IF = 1,269 (2017), Q3}, SCOPUS	6 (WoS) 7 (Scopus)
2.	Kajanova, M., <b>Bracíník, P.</b> : <i>Definition of Discrete Choice Models of EV Owners Based on Different Socio-Demographic Aspects</i> , Applied Science, 2021, Vol. 11, Issue 8, 3679, 21 pp., ISSN 2076-3417, <a href="https://doi.org/10.3390/app11083679">https://doi.org/10.3390/app11083679</a> WoS {IF = 2,679 (2020), Q2}, SCOPUS	-
3.	Kajanova, M., <b>Bracíník, P.</b> , Belany, P.: <i>Analysis of the discrete choice model representing the electric car vehicle owners' behavior in Slovakia</i> , Electrical Engineering WoS {IF = 1,836 (2020), Q3}, SCOPUS	-
4.	Rafajdus, P., <b>Bracíník, P.</b> , Hrabovcová V.: <i>The Current Transformer Parameters Investigation and Simulation</i> , Electronics and Electrical Engineering = Elektronika ir Elektrotechnika, 4(100), Litva, 2010, 04, str.: 29 - 32, ISSN 1392-1215 WoS {IF = 0,659 (2010), Q3}	14 (WoS) 18 (Scopus)
5.	Dezelak, K., <b>Bracíník, P.</b> , Höger, M., Otčenášová, A.: <i>Comparison between the particle swarm optimisation and differential evolution approaches for the optimal proportional - integral controllers design during photovoltaic power plants modelling</i> , IET Renewable Power Generation, UK, 2016,01,6., str.: 9, ISSN 1752-1416 WoS {IF = 2,635 (2016), Q2}, SCOPUS	13 (WoS) 15 (Scopus)
6.	Kaprál, D., <b>Bracíník, P.</b> , Roch, M., Höger, M.: <i>Optimization of distribution network operation based on data from smart metering systems</i> , Electrical Engineering, December 2017, Vol. 99, Issue 4, pp: 1417-1428, Springer Berlin Heidelberg, New York, USA, ISSN 0948-7921, <a href="https://doi.org/10.1007/s00202-017-0628-x">https://doi.org/10.1007/s00202-017-0628-x</a> WoS {IF = 1,269 (2017), Q3}, SCOPUS	12 (WoS) 15 (Scopus)
7.	Kajanova, M., <b>Bracíník, P.</b> , Roch, M.: <i>Utilization of finite state machine approach for microgrid modeling</i> , Electrical Engineering 102, pp. 53–63 (2020). <a href="https://doi.org/10.1007/s00202-019-00873-y">https://doi.org/10.1007/s00202-019-00873-y</a> , SPRINGER, New York, 2019, ISSN: 0948-7921, eISSN: 1432-0487 WoS {IF = 1,836 (2020), Q3}	2 (WoS)
8.	<b>Bracíník, P.</b> , Látková, M.: <i>Modelling of a photovoltaic power plant with Finite State Machines</i> , 2016 IEEE International Energy Conference (ENERGYCON), Leuven, Belgium, 2016, 04, 4.-8., str.: 1-5, ISBN 978-1-4673-8463-6 WoS, SCOPUS	1 (WoS) 1 (Scopus)
9.	Látková, M., <b>Bracíník, P.</b> , Altus, J.: <i>Frequency Containment and Restoration Process of the Photovoltaic Power Plant in the Smart Region during Overfrequencies</i> , 16th International Conference on Environment and Electrical Engineering (EEEIC), Florence, Italy, 2016, 06, 7.-10., str.: 761-765, ISBN 978-1-5090-2319-6 WoS, SCOPUS	-
10.	Látková, M., Baherník, M., <b>Bracíník, P.</b> , Höger, M.: <i>Modelling of a dynamic cooperation between a PV array and DC boost converter</i> , 5th International Youth Conference on Energy (IYCE), Pisa, Italy, 2015, 05, 27.-29., str.: 7, ISBN 978-1-4673-7171-1, WoS, SCOPUS	4 (WoS) 4 (Scopus)
11.	Rafajdus, P., <b>Bracíník, P.</b> , Hrabovcová, V., Saitz, J., Altus, J., Höger, M., Pyrhönen, J.: <i>Examination of Instrument Transformers for Their Employment in New Fault Location Method</i> , International Review of Electrical Engineering (IREE), Vol. 7, N. 3, Taliansko, 2012, str.: 4585 - 4595, ISSN 1827-6660 WoS, SCOPUS	6 (WoS) 5 (Scopus)
12.	<b>Bracíník, P.</b> , Höger, M., Altus, J., Kováč, M.: <i>Testing of New Fault Location Methods for Medium Voltage Networks</i> , 2nd IEEE PES International Conference and Exhibition on Innovative Smart Grid	1 (WoS)

Technologies Europe 2011 (ISGT Europe), Manchester, UK, 2011, str.: 7, ISSN 2165-4816, E-ISBN: 978-1-4577-1420-7 WoS, SCOPUS	1 (Scopus)
13. Höger, M., <b>Bracník, P.</b> , Altus, J., Otčenášová, A.: <i>Fault Location in Medium Voltage Networks by the Help of Adapted Triangulation Principle</i> , IEEE PES Conference on Innovative Smart Grid Technologies Europe 2010, Gothenburg, Sweden, 2010, str.: 5 WoS, SCOPUS	1 (WoS) 1 (Scopus)
14. Motyka, D., Kajanová, M., <b>Bracník, P.</b> : <i>The Impact of Embedded Generation on Distribution Grid Operation</i> , 2018 7th International Conference on Renewable Energy Research and Applications (ICRERA), Paris, France, 14-17,10,2018, DOI: 10.1109/ICRERA.2018.8566741 WoS	19 (WoS) 26 (Scopus)
15. Rafajdus, P., <b>Bracník, P.</b> , Altus, J.: <i>Transient Analysis of Voltage Transformer in Order to Fault Location in Medium Voltage Network</i> , 2010 IEEE 26th Convention of Electrical and Electronics Engineers, Eilat, Izrael, 2010, str.: 741-744, ISBN 978-1-4244-8680-9 SCOPUS	2 (Scopus)