

Meno a priezvisko: doc. Ing. Daniel Korenčiak, PhD.

Odbor habilitačného konania a inauguračného konania: silnoprúdová elektrotechnika

Univerzita: Žilinská univerzita v Žiline

Fakulta: Fakulta elektrotechniky a informačných technológií

Katedra: Katedra mechatroniky a elektroniky

Zoznam najvýznamnejších vedeckých prác

Názov	Citácie
1. <i>Dielectric losses in the composite cellulose-mineral oil-water nanoparticles: theoretical assumptions</i> / P. Żukowski, TN. Koltunowicz, K. Kierczynski, P. Rogalski, J. Subocz, M. Szrot, M. Gutten, M. Sebok, D. Korenčiak : In: Cellulose. - ISSN 0969-0239. - Vol. 23, no. 3 (2016), s. 1609-1616. DOI: 10.1007/s10570-016-0934-x , Q1 , IF(2016)=3,417 .	WOS: 8
2. <i>AC conductivity measurements of liquid-solid insulation of power transformers with high water content [electronic]</i> / P. Zukowski, K. Kierczynski, TN. Koltunowicz, , P. Rogalski, J. Subocz, D. Korenčiak : In: Measurement [print, electronic] : journal of the International Measurement Confederation. - ISSN 0263-2241. - Roč. 165 (2020), s. [1-10] [print, online]. DOI: 10.1016/j.measurement.2020.108194 , Q1 , IF(2020)=3,927 .	WOS: 8
3. <i>Maintenance diagnostics of transformers considering the influence of short-circuit currents during operation = Eksploatacyjne diagnostyki transformatorów uwzględniające prądy zwarcia podczas pracy</i> / M. Gutten, D. Korenčiak , M. Kucera, M. Sebok, M. Opielak, P. Zukowski, TN. Koltunowicz: In: Eksploatacja i Niezawodność = Maintenance and Reliability. - ISSN 1507-2711. - Vol. 19, no. 3 (2017), s. 459-466. DOI: 10.17531/ein.2017.3.17 , Q2 , IF(2017)=1,383 .	WOS: 14
4. <i>Measurement short-circuit effects on transformer winding with by SFRA method and impact test</i> / M. Gutten, R. Janura, M. Sebok, D. Korenčiak , M. Kucera: In: Metrology and Measurement Systems. - ISSN 0860-8229. - Vol. 23, iss. 4 (2016), s. 521-529. DOI: 10.1515/mms-2016-0044 , Q2 , IF(2016)=1,598 .	WOS: 9
5. <i>The application of the theory of synthesis of a delay line with a surface acoustic wave for a single-mode oscillator of electric signals in some sensors of non-electrical quantities</i> / M. Šimko, M. Gutten, M. Chupac, D. Korenčiak : In: Metrology and Measurement Systems. - ISSN 0860-8229. - Vol. 24, iss. 3 (2017), s. 563-576. DOI: 10.1515/mms-2017-0040 , Q3 , IF(2017)=1,523 .	WOS: 1

<p>6. Research on the influence of moisture exchange between oil and cellulose on the electrical parameters of the insulating oil in power transformers [electronic] / K. Kierczynski, P. Rogalski, V. Bondariev, P. Okal, D. Korenciak: In: Energies [electronic]. - ISSN 1996-1073 (online). - Roč. 15, č. 20 (2022), s. [1-15] [online]. DOI: 10.3390/en15207681, Q3, IF(2022)=3,2.</p>	WOS: 1
<p>7. Fault diagnosis of three phase induction motor using current signal, MSAF-RATIO15 and selected classifiers / A. Głowacz, W. Głowacz, Z. Głowacz, J. Kozik, M. Gutten, D. Korenciak, ZF. Khan, M. Irfan, E. Carletti: In: Archives of metallurgy and materials. - ISSN 1733-3490. - Vol. 62, iss. 4 (2017), s. 2413-2419. DOI: 10.1515/amm-2017-0355, Q4, IF(2017)=0,625.</p>	WOS: 23
<p>8. Frequency and time fault diagnosis methods of power transformers [print] / M. Gutten, D. Korenciak, M. Kučera, R. Janura, A. Glowacz, E. Kantoch: In: Measurement Science Review [electronic] : Journal of Institute of Measurement Science of Slovak Academy of Sciences. - ISSN 1335-8871 (online). - Roč. 18, č. 4 (2018), s. 162-167 [online]. DOI: 10.1515/msr-2018-0023, Q4, IF(2018)=1,122.</p>	WOS: 17
<p>9. The analysis of the thermal and dielectric properties of high voltage insulating materials with the addition of aluminium oxide [print] / T. Tomášková, P. Trnka, M. Gutten, D. Korenciak: In: Archives of Metallurgy and Materials [print, electronic] : the Journal of Institute of Metallurgy and Materials Science and Committee on Metallurgy of Polish Academy of Sciences. - ISSN 1733-3490. - Roč. 63, č. 2 (2018), s. 641-646 [print]. DOI: 10.24425/122388, Q4, IF(2018)=0,697.</p>	WOS: 1
<p>10. Combination of non-contact and contact measuring methods for analyzing structural conditions of dry transformers [electronic] / M. Gutten, D. Korenciak, M. Karman, P. Brncal, M. Kucera, TN. Koltunowicz, M. Sulowicz: In: Measurement Science Review [electronic] : Journal of Institute of Measurement Science of Slovak Academy of Sciences. - ISSN 1335-8871. - Roč. 23, č. 4 (2023), s. 154-162 [online]. DOI: 10.2478/msr-2023-0020, Q4, IF(2022)=0,9.</p>	WOS: -
<p>11. Electromagnetic compatibility and radiation analysis in control room [print] / M. Kucera, M. Gutten, M. Simko, M. Sebok, D. Korenciak, R. Jarina, M. Pitonak: In: Measurement Science Review : Journal of Institute of Measurement Science of Slovak Academy of Sciences. - ISSN 1335-8871 (online). - Roč. 19, č. 3 (2019), s. 126-131 [online]. DOI: 10.2478/msr-2019-0018, Q4, IF(2019)=0,9.</p>	WOS: 1
<p>12. Possibilities of increasing of ecological conditions in mining environment by reconstruction of the present engine DH30 [print] / M. Kucera, M. Sebok, M. Gutten, D. Korenciak, S. Lukac: In: Acta Montanistica Slovaca [print, electronic]. - ISSN 1335-1788. - Roč. 24, č. 1 (2019), s. 63-71 [print, online]. Q4, IF(2019)=0,181.</p>	WOS: -