

2015 我校师生论文被 EI 收录情况 (738 篇)

电气学院 172 篇

1. [Analysis of eddy current and associated losses insulated faults involved in laminated iron core under various frequencies](#)

[Meng, Dawei](#) (Harbin University of Science and Technology, Harbin, China); [Xiao, Lijun](#); [Xu, Yongming](#); [Meng, Qingwei](#) Source: *Diangong Jishu Xuebao/Transactions of China Electrotechnical Society*, v 30, n 6, p 92–98, March 25, 2015 Language: Chinese

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2. [Measurement of the resistive current of MOA based on an improved equivalent model](#)

[Han, Yongsen](#) (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin, China); [Zheng, Huan](#); [Li, Zhonghua](#) Source: *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials*, v 2015–October, p 1003–1006, October 8, 2015, *ICPADM 2015 – 2015 IEEE 11th International Conference on the Properties and Applications of Dielectric Materials*

Database: Compendex

3. [Study on preparation and gas sensing property of PANI](#)

[Song, Mingxin](#) (Harbin University of Science and Technology, China); [Liu, Fangfang](#); [Ma, Xintian](#) Source: *International Journal of Control and Automation*, v 8, n 4, p 267–274, 2015

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4. [Theoretical investigation of magnetic, electronic and optical properties of orthorhombic YFeO₃: A first-principle study](#)

[Shen, T.](#) (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin, China); [Hu, C.](#); [Yang, W.L.](#); [Liu, H.C.](#); [Wei, X.L.](#) Source: *Materials Science in Semiconductor Processing*, v 34, p 114–120, June 2015

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5. [Study on deformations of the two-stage impellers of contra-rotating fan driven by pole-changing motors](#)

[Meng, Da Wei](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin; 150080, China); [Xia, Yun Yan](#); [Wang, Qian](#) Source: *2015 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2015 – Proceedings*, p 70–71, April 15, 2016, *2015 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2015 – Proceedings*

Database: Compendex

6. [The relationship between dielectric properties and the preparation method of nano-SiO₂/epoxy composite](#)

[Zhang, Peihong](#) (Harbin University of Science and Technology, Harbin, China); [Shao, Qi](#); [Cheng, Sheng](#) Source: *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials*, v 2015–October, p 804–807, October 8, 2015, *ICPADM 2015 – 2015 IEEE 11th International Conference on the Properties and Applications of Dielectric Materials*

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7. [Research on thermal aging and mechanical properties of the Nano-SiO₂/epoxy adhesive](#)

[Zhang, Peihong](#) (Harbin University of Science and Technology, Harbin, China); [Cheng, Sheng](#); [Shao, Qi](#) Source: *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials*, v 2015–October, p 556–559, October 8, 2015, *ICPADM 2015 – 2015 IEEE 11th International Conference on the Properties and Applications of Dielectric Materials*

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8. [Theoretical and experimental study on the acoustic wave energy after the nonlinear interaction of acoustic waves in aqueous media](#) 电气

[Lan, Chao-feng](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Li, Feng-chen](#); [Chen, Huan](#); [Lu, Di](#); [Yang, De-sen](#); [Zhang, Meng](#) Source: *China Ocean Engineering*, v 29, n 4, p 611–621, June 27, 2015

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9. [Finite element analysis of improved winding function of stator winding in multiphase alternator](#)

[Lin, Peng](#) (School of Electric and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Ge, Bao-Jun](#); [Tao, Da-Jun](#); [Lü, Yan-Ling](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 19, n 2, p 53–59 and 65, February 1, 2015 **Language:** Chinese

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10. [Design methodology of induction motor based on rotor diameter iterating](#)

[Xu, Yong-Ming](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Liu, Fei](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 19, n 12, p 18–23, December 1, 2015 **Language:** Chinese

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11. [Background threshold Gaussian estimation image segmentation algorithm](#)

[Lu, D.](#) (Electrical and Electronic Engineering College, Harbin University of Science and Technology, Harbin, China); [Lin, X.](#); [Zhang, H.Y.](#); [Yan, J.](#); [Wen, C.J.](#); [Liu, J.X.](#) **Source:** *Electronic Engineering and Information Science – Proceedings of the 2015 International Conference on Electronic Engineering and Information Science, ICEEIS 2015*, p 285–288, 2015, *Electronic Engineering and Information Science – Proceedings of the 2015 International Conference on Electronic Engineering and Information Science, ICEEIS 2015*

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12. [The dilute magnetic properties of monolayer MoS₂ doped with transition metal Fe and VA atoms](#)

[Lan, Lan](#) (Department of Electronic Science and Technology, College of Applied Science, Harbin University of Science and Technology, Harbin, Heilongjiang, China); [Cao, Jiamu](#); [Cao, Yijiang](#); [Xu, Dianshuang](#); [Zhou, Jing](#) **Source:** *Key Engineering Materials*, v 645, p 15–20, May 1, 2015

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13. [A New method of aging assessment for XLPE cable insulation based on dielectric response](#)

[Liu, Ji](#) (State Key Lab. Breeding Base of Dielectrics Engineering, Harbin University of Science and Technology, Harbin, China); [Zhang, Daning](#); [Bin, Cao](#); [Huang, Ling](#); [Gao, Yantao](#); [Li, Xiaojing](#) **Source:** *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials*, v 2015–October, p 560–563, October 8, 2015, *ICPADM 2015 – 2015 IEEE 11th International Conference on the Properties and Applications of Dielectric Materials*

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14. [Exploration on breakdown mechanism of oil-pressboard insulation under polarity reversal voltage](#)

[Wang, Yonghong](#) (Electrical & Electronic Engineering College, Harbin University of Science and Technology, Harbin; Heilongjiang Province, China); [Gao, Ziwei](#); [Zhu, Xuecheng](#); [Nie, Hongyan](#); [Chi, Minghe](#); [Chen, Qingguo](#) **Source:** *Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering*, v 35, n 21, p 5656–5666, November 5, 2015 **Language:** Chinese

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15. [A review on the aging performance of direct current cross-linked polyethylene insulation materials](#) 电气

[Zhang, Chengcheng](#) (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin, China); [Li, Chunyang](#); [Zhao, Hong](#); [Han, Baozhong](#) **Source:** *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials*, v 2015–October, p 700–703, October 8, 2015, *ICPADM 2015 – 2015 IEEE 11th International Conference on the Properties and Applications of Dielectric Materials*

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16. [The influence of magnetic field on conduction current and thermal conductivity characteristics of LDPE/Fe₃O₄ nano-dielectrics](#)

[Zhang, Dong](#) (College of Electrical & Electronic Engineer, Harbin University of Science and Technology, Harbin, China); [Wang, Xuan](#); [Song, Wei](#); [Sun, Zhi](#); [He, Li-Juan](#); [Han, Bai](#); [Lei, Qing-Quan](#) **Source:** *Journal of Materials Science: Materials in Electronics*, v 26, n 10, p 7815–7822, July 8, 2015

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17. [Energy efficiency and fuel economy analysis of a parallel hybrid electric bus in different Chinese urban driving cycles](#)

[Wu, Xiaogang](#) (Harbin University of Science and Technology, Harbin, China); [Chen, Jingfu](#); [Du, Jiuyu](#) Source: *28th International Electric Vehicle Symposium and Exhibition 2015, EVS 2015, 2015, 28th International Electric Vehicle Symposium and Exhibition 2015, EVS 2015*

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18. [Analytical algorithm for strand end leakage reactance of transposition bar in AC machine](#)

[Liang, Yanping](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Bian, Xu](#); [Yu, Honghao](#); [Wu, Lei](#); [Wang, Bing](#) Source: *IEEE Transactions on Energy Conversion*, v 30, n 2, p 533–540, June 1, 2015

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19. [Negative-sequence Component Analysis of an AP1000 Nuclear Turbo-generator in an Internal Short-circuit Condition](#)

[Guo, Wu](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Ge, Bao-Jun](#); [Gao, Yun-Peng](#); [Li, Ming-Ze](#) Source: *Electric Power Components and Systems*, v 43, n 6, p 633–643, April 3, 2015

Database: Compendex

20. [Temperature sensitivity investigation of considering the structural characteristics of TEFC induction motor](#)

[Ding, Shuye](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Li, Zhongyu](#); [Wang, Yong](#); [Guan, Tianyu](#) Source: *Jixie Gongcheng Xuebao/Journal of Mechanical Engineering*, v 51, n 24, p 139–145, December 20, 2015 Language: Chinese

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21. [Study on on-line jacket insulation monitoring for 500 kV submarine oil-filled cable](#)

[Wei, Xin-Lao](#) (MOE Key Laboratory of Engineering Dielectrics and Its Application, Harbin University of Science and Technology, Harbin, China); [Zhu, Bo](#); [Pang, Bing](#); [Chen, Qing-Guo](#); [Wang, Song](#); [Li, Rui-Hai](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 19, n 5, p 21–29, May 1, 2015 **Language:** Chinese

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22. Decoupling and compensation strategy for interior PMSM in transitional region of flux-weakening

[Mao, Liang-Liang](#) (School of Electrical & Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Liang, Yue](#); [Wang, Xu-Dong](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 19, n 7, p 14–20, July 1, 2015 **Language:** Chinese

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23. Preparation and properties research of Ag@MxOycore-shell nanocables

[Ling, Weng](#) (Key Laboratory of Engineering Dielectrics and its Application, Harbin University of Science and Technology, Ministry of Education, Harbin, China); [Hongxia, Li](#); [Ting, Wang](#); [Liwun, Yan](#); [Lizhu, Liu](#) **Source:** *Nanoscience and Nanotechnology Letters*, v 7, n 6, p 511–516, June 1, 2015

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24. Electrical tree propagating characteristics of polyethylene/nano-montmorillonite composites

[Chi, Xiaohong](#) (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Gao, Junguo](#); [Zhang, Xiaohong](#) **Source:** *IEEE Transactions on Dielectrics and Electrical Insulation*, v 22, n 3, p 1530–1536, June 1, 2015

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25. Organic montmorillonite/silicon carbide micro-nano-crystalline composite anti-corona varnish

[Hu, Chun-Xiu](#) (Key Laboratory of Engineering Dielectrics and Its Application, Harbin University of Science and Technology, Harbin, China); [Zhao, Ying-Nan](#); [Gao, Jun-Guo](#); [Zhang, Xiao-Hong](#) **Source:** *Dianji*

yu Kongzhi Xuebao/Electric Machines and Control, v 19, n 10, p 45–49 and 56, October 1, 2015 **Language:** Chinese

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26. Analysis of static operating characteristics and potential distribution of the CuPc-OSIT using finite element method

Yuan, Y. (Key Laboratory of Engineering Dielectrics and Its Application, Department of Electronic Science and Technology, College of Applied Science, Harbin University of Science and Technology, China); Wang, D.X.; Zhang, Y.; Cui, X.Y. **Source:** *Electronic Engineering and Information Science – Proceedings of the 2015 International Conference on Electronic Engineering and Information Science, ICEEIS 2015*, p 45–47, 2015, *Electronic Engineering and Information Science – Proceedings of the 2015 International Conference on Electronic Engineering and Information Science, ICEEIS 2015*

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27. Research on the control strategy of regenerative braking for HEV

Tian, X.C. (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); Zhou, M.L.; Zhang, Y.; Wu, L.L. **Source:** *Electronic Engineering and Information Science – Proceedings of the 2015 International Conference on Electronic Engineering and Information Science, ICEEIS 2015*, p 549–551, 2015, *Electronic Engineering and Information Science – Proceedings of the 2015 International Conference on Electronic Engineering and Information Science, ICEEIS 2015*

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28. Research of home energy management system based on technology of PLC and ZigBee

Wei, Qi (College of Electrical and Electronic Engineering, Harbin University of Science and Technology Harbin, Heilongjiang Province, China); Shen, Jiaojiao **Source:** *Proceedings of SPIE – The International Society for Optical Engineering*, v 9794, 2015, *Sixth International Conference on Electronics and Information Engineering*

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29. Fluid flow analysis of fan-cooled induction motor for driving application by means of computational fluid dynamics

Ding, S. (Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); Cui, G.; Wang, H.; Deng, Y. **Source:** *2015 IEEE International Magnetism Conference, INTERMAG 2015*, July 14, 2015, *2015 IEEE International Magnetism Conference, INTERMAG 2015*

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30. Influence of temperature on electric field distribution of oil-paper insulation under compound voltage

Chi, Minghe (Key Laboratory of Engineering Dielectrics and Its Application, MOE(Harbin University of Science and Technology), Harbin; Heilongjiang Province, China); Chen, Qingguo; Wang, Xinyu; Wang, Yonghong; Wei, Xinlao **Source:** *Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering*, v 35, n 6, p 1524–1532, March 20, 2015 **Language:** Chinese

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31. Partial discharge acoustic emission sensor design based on extrinsic fiber fabry-perot interferometer

Zhang, Weichao (Harbin University of Science and Technology, Key Laboratory of Engineering Dielectric and Its Application, Ministry of Education, Harbin; Heilongjiang, China); Zhao, Hong; Chu, Xiong **Source:** *Guangxue Xuebao/Acta Optica Sinica*, v 35, n 4, April 10, 2015 **Language:** Chinese

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32. Effects of nano-ZnO and nano-montmorillonite on dielectric properties of low density polyethylene

Cheng, Yujia (Key Laboratory of Engineering Dielectric and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin, China); Guo, Ning; Wang, Ruoshi; Zhang, Xiaohong **Source:** *Fuhe Cailiao Xuebao/Acta Materiae Compositae Sinica*, v 32, n 1, p 94–100, February 1, 2015 **Language:** Chinese

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33. Broadband dielectric spectroscopy of silicone rubber nano-composites

[Yu, Ting](#) (States Key Laboratory Cultivation Base of Dielectrics Engineering, Harbin University of Science and Technology, Harbin, China); [Zhang, Peihong](#); [Shao, Qi](#) **Source:** *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials*, v 2015–October, p 796–799, October 8, 2015, *ICPADM 2015 – 2015 IEEE 11th International Conference on the Properties and Applications of Dielectric Materials*

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34. Transient analysis of contactless excitation systems with relative rotating pot core transformers

[Wang, Xudong](#) (Harbin University of Science and Technology, Harbin; Heilongjiang Province, China); [Yan, Meicun](#); [Liu, Jinfeng](#); [Yu, Yong](#) **Source:** *Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering*, v 35, n 22, p 5915–5923, November 20, 2015 **Language:** Chinese

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35. The design of switched reluctance motor torque optimization controller

[Gao, Xudong](#) (Harbin University of Science and Technology, Harbin, China); [Wang, Xudong](#); [Li, Zhongyu](#); [Zhou, Yongqin](#) **Source:** *International Journal of Control and Automation*, v 8, n 5, p 27–36, 2015

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36. Emulsion dehydration characteristics under non-uniform electric field

[Song, C.H.](#) (Key Laboratory of Engineering Dielectrics and Its Application, MOE, Harbin University of Science and Technology, Harbin, China); [Chen, Q.G.](#); [Liang, W.](#); [Zheng, T.Y.](#); [Wei, X.L.](#) **Source:** *Electronic Engineering and Information Science – Proceedings of the 2015 International Conference on Electronic Engineering and Information Science, ICEEIS 2015*, p 711–716, 2015, *Electronic Engineering and Information Science – Proceedings of the 2015 International Conference on Electronic Engineering and Information Science, ICEEIS 2015*

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37. [Comparison investigation of fluid rheological characteristics effect on stator temperature field for large hydro-generator based on experiment](#)

[Ding, Shuye](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Wang, Mengqi](#) Source: *COMPEL – The International Journal for Computation and Mathematics in Electrical and Electronic Engineering*, v 34, n 1, p 234–247, January 5, 2015

Database: Compendex

38. [Analysis of working characteristics and modeling-simulation based on ZnO thin film transistors](#)

[Wu, Y.H.](#) (Department of Electronic Science and Technology, College of Applied Science, Harbin University of Science and Technology, Heilongjiang, Harbin, China); [Wang, Z.Y.](#); [Wang, D.X.](#); [Li, X.](#); [Li, M.M.](#); [Yuan, D.N.](#); [Dong, X.X.](#); [Lv, H.R.](#); [Liu, X.C.](#) Source: *Electronic Engineering and Information Science – Proceedings of the 2015 International Conference on Electronic Engineering and Information Science, ICEEIS 2015*, p 147–149, 2015, *Electronic Engineering and Information Science – Proceedings of the 2015 International Conference on Electronic Engineering and Information Science, ICEEIS 2015*

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39. [Development of a driving cycle for city bus in Harbin of China](#)

[Wu, Xiaogang](#) (College of Electrical and Electronics Engineering, Harbin University of Science and Technology, Harbin, China); [Hu, Chen](#); [Du, Jiuyu](#) Source: *International Journal of Electric and Hybrid Vehicles*, v 7, n 2, p 104–119, 2015

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40. [Influence of Ferromagnetic material nonlinearity on asynchronous starting of generator-motor](#)

[Yu, Hong-Hao](#) (College of Electrical & Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Liang, Yan-Ping](#); [Bian, Xu](#) Source: *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 19, n 10, p 38–44, October 1, 2015 Language: Chinese

Database: Compendex

41. [Coupling characteristics research on the subsections of submersible motor](#)

[Xu, Yong Ming](#) (Electrical and Electronic Engineering College, Harbin University of Science and Technology, Harbin; 150080, China); [Ai, Meng Meng](#); [Jiang, Zhi Guo](#) **Source:** *2015 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2015 – Proceedings*, p 108–109, April 15, 2016, *2015 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2015 – Proceedings*

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42. [Pure electric vehicle power-train parameters matching based on vehicle performance](#)

[Zhou, Meilan](#) (Harbin University of Science and Technology, College of Electrical and Electronics Engineerin, Harbin, China); [Zhao, Liping](#); [Zhang, Yu](#); [Gao, Zhaoming](#); [Pei, Rongjie](#) **Source:** *International Journal of Control and Automation*, v 8, n 9, p 53–62, 2015

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43. [Electromagnetic design and research of 2.935 MW permanent magnet synchronous generator for wind turbine](#)

[Li, Jin Ze](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin; 150080, China); [Wen, Jia Bin](#) **Source:** *2015 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2015 – Proceedings*, p 106–107, April 15, 2016, *2015 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2015 – Proceedings*

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44. [Modal calculation and test of small asynchronous motor](#)

[Xie, Ying](#) (Harbin University of Science and Technology, Harbin, China); [Wang, Yan](#); [Lü, Sen](#); [Ge, Hongyan](#); [Liu, Haisong](#) **Source:** *Diangong Jishu Xuebao/Transactions of China Electrotechnical Society*, v 30, n 16, p 1–9, August 25, 2015 **Language:** Chinese

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45.[The Influence of Transposition Angle on 3-D Global Domain Magnetic Field of Stator Bar in Water-Cooled Turbo-Generator](#)

[Liang, Yanping](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Wu, Lei](#); [Bian, Xu](#); [Yu, Honghao](#) Source: *IEEE Transactions on Magnetics*, v 51, n 11, November 1, 2015

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46.[Dynamic real-time calibration method for fiber Bragg grating wavelength demodulation system based on tunable Fabry-Perot filter](#)

[Wang, Peng](#) (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin; Heilongjiang, China); [Zhao, Hong](#); [Liu, Jie](#); [Chen, Junqi](#); [Han, Xu](#) Source: *Guangxue Xuebao/Acta Optica Sinica*, v 35, n 8, August 10, 2015
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Database: Compendex

47. [Design of a ROM-less direct digital frequency synthesizer on FPGA](#)

[Jiang, Zhanpeng](#) (Department of Integrated circuits design and integrated systems, Harbin University of Science and Technology, Harbin; Heilongjiang, China); [Xu, Rui](#); [Huang, Hai](#); [Dong, Changchun](#) Source: *International Journal of Signal Processing, Image Processing and Pattern Recognition*, v 8, n 5, p 327-340, 2015

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48.[Dielectric and magnetic properties of Fe_xO_y/epoxy resin nanocomposites as high-performance electromagnetic insulating materials](#)

[Ren, Li](#) (Laboratory of Dielectric Polymer Materials and Devices, Department of Polymer Science and Engineering, University of Science and Technology Beijing, Beijing, China); [Zhao, Jun](#); [Wang, Si-Jiao](#); [Han, Bao-Zhong](#); [Dang, Zhi-Min](#) Source: *Composites Science and Technology*, v 114, p 57-63, June 09, 2015

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49.[Calculation of Temperature Field in Power Capacitor](#)

[Liang, Yanping](#) (Harbin University of Science and Technology, Harbin, China); [Wang, Dongmei](#); [Gao, Lianlian](#); [Liu, Daihong](#) Source: *IEEE Transactions on Industrial Electronics*, v 62, n 5, p 2788–2794, May 1, 2015

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50.[The current-voltage characteristics of zinc phthalocyanine organic thin film transistor](#)

[Zhang, Y.S.](#) (Key Laboratory of Engineering Dielectrics and Its Application, College of Applied Science, Harbin University of Science and Technology, Heilongjiang, Harbin, China); [Wang, D.X.](#); [Liu, X.C.](#); [Wang, Z.Y.](#); [Wang, Y.Y.](#); [Yin, J.H.](#); [Zhao, H.](#) Source: *Electronic Engineering and Information Science – Proceedings of the 2015 International Conference on Electronic Engineering and Information Science, ICEEIS 2015*, p 29–31, 2015, *Electronic Engineering and Information Science – Proceedings of the 2015 International Conference on Electronic Engineering and Information Science, ICEEIS 2015*

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51.[Optimization design of line-start permanent magnet synchronous motor based on ant colony algorithm](#)

[Xie, Ying](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Li, Jixing](#); [Yang, Zhongxue](#); [Qu, Chunmei](#) Source: *2014 17th International Conference on Electrical Machines and Systems, ICEMS 2014*, p 75–79, January 16, 2015

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52.[Transmission properties of surface plasmon polaritons based on carbon nanotubes film](#)

[Wang, Yue](#) (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin, China); [Wang, Xuan](#); [He, Xun Jun](#); [Li, Shu](#); [Li, Longwei](#) Source: *Integrated Ferroelectrics*, v 161, n 1, p 27–35, 2015

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53.[Preparation and properties of BiFeO₃/LDPE nanocomposite](#)

[Song, Wei](#) (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin, China); [Han, Bai](#); [Zhang, Dong](#); [Sun, Zhi](#); [Wang, Xuan](#); [Lei, Qingquan](#) **Source:** *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials*, v 2015–October, p 800–803, October 8, 2015, *ICPADM 2015 – 2015 IEEE 11th International Conference on the Properties and Applications of Dielectric Materials*

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54. [Transient negative-sequence component calculation for large generator based on wavelet transform](#)

[Guo, Wu](#) (Collage of Electrical and Electronic Engineering Harbin University of Science and Technology, Harbin, China); [Ge, Bao-Jun](#); [Guo, Jian](#); [Gao, Yun-Peng](#) **Source:** *International Journal of Signal Processing, Image Processing and Pattern Recognition*, v 8, n 10, p 81–90, 2015

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55. [Study on three-phase four-leg control technology of permanent magnet synchronous motor in electric vehicle](#)

[Hanying, Gao](#) (Harbin University of Science and Technology, Harbin, China); [Xufeng, Bai](#); [Weili, Li](#); [Jiafeng, Shen](#) **Source:** *Electrical Systems for Aircraft, Railway and Ship Propulsion, ESARS*, v 2015–May, May 4, 2015, *2015 International Conference on Electrical Systems for Aircraft, Railway, Ship Propulsion and Road Vehicles, ESARS 2015*

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56. [Impacts of temperature on the distribution of electric-field in HVDC cable joint](#)

[Qin, Yanjun](#) (MOE Key Laboratory of Engineering Dielectrics and Its Application, Harbin University of Science and Technology, Harbin, China); [Shang, Nanqiang](#); [Chi, Minghe](#); [Wang, Xinyu](#) **Source:** *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials*, v 2015–October, p 224–227, October 8, 2015, *ICPADM 2015 – 2015 IEEE 11th International Conference on the Properties and Applications of Dielectric Materials*

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57. [Ni-coated CaCu₃Ti₄O₁₂/low density polyethylene composite material with ultra-high dielectric permittivity](#)

[Gao, L.](#) (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin, China); [Wang, X.](#); [Chen, Y.](#); [Chi, Q.G.](#); [Lei, Q.Q.](#) Source: *AIP Advances*, v 5, n 8, August 1, 2015

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58. [Flow electrification characteristics of typical plane oil-pressboard insulation under AC/DC voltage](#)

[Lin, Lin](#) (MOE Key Laboratory of Engineering Dielectrics and Its Application, Harbin University of Science and Technology, Harbin, China); [Chen, Qingguo](#); [Chi, Minghe](#); [Wei, Xinlao](#); [Zhu, Xuecheng](#); [Gao, Zhiwei](#) Source: *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials*, v 2015–October, p 80–83, October 8, 2015, *ICPADM 2015 – 2015 IEEE 11th International Conference on the Properties and Applications of Dielectric Materials*

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59. [Improved genetic ant colony algorithm and research on motor structure optimization](#)

[Xie, Ying](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Li, Ji-Xing](#); [Yang, Zhong-Xue](#); [Zhang, Yan](#) Source: *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 19, n 10, p 64–70, October 1, 2015 Language: Chinese

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60. [Multistage CC-CV Charge Method for Li-Ion Battery](#)

[Wu, Xiaogang](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Xue Fu Road 52, Harbin, China); [Hu, Chen](#); [Du, Jiuyu](#); [Sun, Jinlei](#) Source: *Mathematical Problems in Engineering*, v 2015, 2015

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61. [Finite-Element Evaluation and Eddy-Current Loss Decrease in Stator End Metallic Parts of a Large Double-Canned Induction Motor](#)

[Liang, Yanping](#) (Harbin University of Science and Technology, Harbin, China); [Bian, Xu](#); [Yu, Honghao](#); [Li, Cangxue](#) **Source:** *IEEE Transactions on Industrial Electronics*, v 62, n 11, p 6779–6785, November 1, 2015

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62. [Conducted common-mode equivalent circuit of induction motor for EMI analysis](#)

[Xiao, Fang](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin; 150080, China); [Ge, Bao Jun](#); [Wang, Zhe](#); [Ning, Zhao Yang](#) **Source:** *2015 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2015 – Proceedings*, p 83–84, April 15, 2016, *2015 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2015 – Proceedings*

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[Yi, Chengqi](#) (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin, China); [Bao, Yuanyuan](#); [Jiang, Jingchi](#); [Xue, Yibo](#) **Source:** *Physica A: Statistical Mechanics and its Applications*, v 436, p 256–271, May 28, 2015

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[Wang, W. B.](#) (School of Computer Science and Technology, Harbin University of Science and Technology, China); [Shi, L.](#); [Liu, W. W.](#) Source: *Electronic Engineering and Information Science – Proceedings of the 2015 International Conference on Electronic Engineering and Information Science, ICEEIS 2015*, p 341–344, 2015, *Electronic Engineering and Information Science – Proceedings of the 2015 International Conference on Electronic Engineering and Information Science, ICEEIS 2015*

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[Luo, Z. Y.](#) (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin, Heilongjiang, China); [Qin, Z. W.](#) Source: *Electronic Engineering and Information Science – Proceedings of the 2015 International Conference on Electronic Engineering and Information Science, ICEEIS 2015*, p 215–217, 2015, *Electronic Engineering and Information Science – Proceedings of the 2015 International Conference on Electronic Engineering and Information Science, ICEEIS 2015*

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[Jing, Gu](#) (Department of Computer Science and Technology, Harbin University of Science and Technology, Harbin, China); [Ren, Xiaoyu](#) **Source:** *Proceedings – 2014 7th International Symposium on Computational Intelligence and Design, ISCID 2014*, v 2, p 154–157, April 8, 2015

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[Yandong, Yu](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, 4# Linyuan Road, Xiangfang District, Harbin, China); [Shuzhen, Kuang](#); [Teng, Pei](#); [Jie, Li](#); [Caixia, Li](#) **Source:** Metallography, Microstructure, and Analysis, v 4, n 5, p 381-391, October 1, 2015

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[Dan, L.](#) (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); [Shan, Lian-Wei](#); [Dong, Li-Min](#); [Wang, Gui-Lin](#); [Ze, W.](#); [Han, Zhi-Dong](#) **Source:** Materials Science Forum, v 809–810, p 912–915, 2015

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[Hu, Yuan-Wei](#) (School of Material Science & Engineering, Harbin University of Science and Technology, Harbin, China); [Ji, Ze-Sheng](#); [Xu,](#)

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[Chen, W.M.](#) (School of Software, Harbin University of Science and Technology, Harbin, China) **Source:** *Electronic Engineering and*

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[Sun, Shengmin](#) (Chemistry Center, College of Food Engineering, Harbin University of Commerce, Harbin; 150076, China); [Zhang, Kun](#); [Lu, Yang](#); [Liu, Ping](#); [Zhang, Hui](#) Source: *International Journal of Quantum Chemistry*, v 115, n 17, p 1187–1193, 2015

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[Sun, Yanxin](#) (Engineering Training Center, Harbin University of Science and Technology, Harbin, China); [Yu, Guang](#) **Source:** *Proceedings - 2015 7th International Conference on Advanced Communication and Networking, ACN 2015*, p 24-27, March 3, 2016, *Proceedings - 2015 7th International Conference on Advanced Communication and Networking, ACN 2015*

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