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Kişisel Bilgiler

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ScopusID: 57188715070

Yoksis Araştırmacı ID: 337527

Eğitim Bilgileri

Bütünleşik Doktora, Sharif University of Technology, Electrical Engineering Department, İran 2014 - 2019

Yabancı Diller

İngilizce, C1 İleri

Araştırma Alanları

Yüksek Gerilim Teknikleri , Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Doç. Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Elektrik ve Elektronik Mühendisliği Bölümü, 2021 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. Adversarial Partial Discharge Signal Reconstruction and Denoising with an Encoder-Decoder Network**
FİRUZİ K.
IEEE Access, 2024 (SCI-Expanded)
- II. Distinguishing polymeric insulators PD sources through RF PD measurement**
Abedini-Livari A., Firuzi K., Vakilian M.
IET GENERATION TRANSMISSION & DISTRIBUTION, cilt.14, sa.21, ss.4859-4865, 2020 (SCI-Expanded)
- III. A Hybrid Transformer PD Monitoring Method Using Simultaneous IEC60270 and RF Data**
Firuzi K., Vakilian M., Phung B. T., Blackburn T. R.
IEEE TRANSACTIONS ON POWER DELIVERY, cilt.34, sa.4, ss.1374-1382, 2019 (SCI-Expanded)
- IV. Online monitoring of transformer through stream clustering of partial discharge signals**
Firuzi K., Vakilian M., Phung B. T., Blackburn T.

IET SCIENCE MEASUREMENT & TECHNOLOGY, cilt.13, sa.3, ss.409-415, 2019 (SCI-Expanded)

V. Partial Discharges Pattern Recognition of Transformer Defect Model by LBP & HOG Features

Firuzi K., Vakilian M., Phung B. T., Blackburn T. R.

IEEE TRANSACTIONS ON POWER DELIVERY, cilt.34, sa.2, ss.542-550, 2019 (SCI-Expanded)

VI. Transformer components impact on compatibility of measured PDs: comparison of IEC60270 and RF methods

Firuzi K., Vakilian M., Toan Phung B., Blackburn T.

HIGH VOLTAGE, cilt.4, sa.1, ss.33-40, 2019 (SCI-Expanded)

VII. A Novel Method for Differentiating and Clustering Multiple Partial Discharge Sources using S Transform and Bag of Words Feature

Firuzi K., Vakilian M., Darabad V. P., Phung B. T., Blackburn T. R.

IEEE TRANSACTIONS ON DIELECTRICS AND ELECTRICAL INSULATION, cilt.24, sa.6, ss.3694-3702, 2017 (SCI-Expanded)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. Line Composite Insulators Condition Monitoring through Partial Discharge Measurement

Abedini-Livari A., Eshaghi-Maskouni M., Vakilian M., Firuzi K.

34th International Power System Conference (PSC), Tehran, İran, 9 - 11 Aralık 2019, ss.595-600

II. Multi-source Partial Discharge Signals Discrimination by Six Bandpass filters and DBSCAN Clustering

Firuzi K., Vakilian M.

12th International Conference on the Properties and Applications of Dielectric Materials (ICPADM), Xian, Çin, 20 - 24 Mayıs 2018, ss.68-71

III. Identification of Free Conducting Particles in Transformer Oils using PD Signals

Firuzi K., Parvin V., Vakilian M.

2015 IEEE 11th International Conference on the Properties and Applications of Dielectric Materials (ICPADM), Sydney, Avustralya, 19 - 22 Temmuz 2015, ss.724-727

IV. Identification of metal particles in transformer oil using partial discharge signals

Firuzi K., Parvin V., Vakilian M.

23rd Iranian Conference on Electrical Engineering, Tehran, İran, 10 - 14 Mayıs 2015, ss.1602-1606

Metrikler

Yayın: 11

Atf (WoS): 87

Atf (Scopus): 85

H-İndeks (WoS): 4

H-İndeks (Scopus): 4