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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. **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)
- II. **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)
- III. **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)
- IV. **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)

- V. **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)
- VI. **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: 10

Atf (WoS): 87

Atf (Scopus): 85

H-İndeks (WoS): 4

H-İndeks (Scopus): 4