

# Fernando Alvarez Gomez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3326897/publications.pdf>

Version: 2024-02-01

17  
papers

272  
citations

1478505

6  
h-index

1474206

9  
g-index

17  
all docs

17  
docs citations

17  
times ranked

249  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of HFCT and UHF Sensors in On-Line Partial Discharge Measurements for Insulation Diagnosis of High Voltage Equipment. <i>Sensors</i> , 2015, 15, 7360-7387.	3.8	151
2	Diagnosis of Insulation Condition of MV Switchgears by Application of Different Partial Discharge Measuring Methods and Sensors. <i>Sensors</i> , 2018, 18, 720.	3.8	26
3	Detection and Localization of Defects in Cable Sheath of Cross-Bonding Configuration by Sheath Currents. <i>IEEE Transactions on Power Delivery</i> , 2019, 34, 1401-1411.	4.3	26
4	Separation of Partial Discharge Sources Measured in the High-Frequency Range with HFCT Sensors Using PRPD-teff Patterns. <i>Sensors</i> , 2020, 20, 382.	3.8	17
5	Improved Cable Connection to Mitigate Transient Enclosure Voltages in 220-kV Gas-Insulated Substations. <i>IEEE Transactions on Industry Applications</i> , 2016, 52, 562-569.	4.9	15
6	A Validation of the Spectral Power Clustering Technique (SPCT) by Using a Rogowski Coil in Partial Discharge Measurements. <i>Sensors</i> , 2015, 15, 25898-25918.	3.8	12
7	Classification of partial discharge sources by the characterization of the pulses waveform. , 2016, , .		7
8	Novel Auto-Reclosing Blocking Method for Combined Overhead-Cable Lines in Power Networks. <i>Energies</i> , 2016, 9, 964.	3.1	5
9	New Differential Protection Method for Multiterminal HVDC Cable Networks. <i>Energies</i> , 2018, 11, 3387.	3.1	4
10	Partial Discharges Measurements for Condition Monitoring and Diagnosis of Power Transformers: A Review. , 2019, , .		4
11	Cable model for partial discharge measurements. , 2016, , .		2
12	Ground Fault Directional Protection Method for HVDC Multiterminal Networks. <i>IEEE Transactions on Industry Applications</i> , 2022, 58, 1573-1580.	4.9	2
13	Development, testing and aging of reference insulation defects for the improvement in partial discharges diagnosis. , 2021, , .		1
14	Development of a programmable partial discharge generator for the evaluation of partial discharge measuring devices. , 2018, , .		0
15	Characterization of Partial Discharge Measuring Instruments by the Generation of Reference Insulation Defects in an Experimental Setup. , 2018, , .		0
16	Development of a programmable partial discharge generator for the evaluation of partial discharge measuring devices. , 2018, , .		0
17	Characterization of Partial Discharge Measuring Instruments by the Generation of Reference Insulation Defects in an Experimental Setup. , 2018, , .		0