

Victoria M Catterson

List of Publications by Year in descending order

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19
papers

1,668
citations

840776

11
h-index

1125743

13
g-index

20
all docs

20
docs citations

20
times ranked

1353
citing authors

#	ARTICLE	IF	CITATIONS
1	Uncertainty-Aware Fusion of Probabilistic Classifiers for Improved Transformer Diagnostics. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 621-633.	9.3	12
2	Modeling and Interpretation of Tidal Turbine Vibration Through Weighted Least Squares Regression. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 1252-1259.	9.3	5
3	Adaptive Power Transformer Lifetime Predictions Through Machine Learning and Uncertainty Modeling in Nuclear Power Plants. IEEE Transactions on Industrial Electronics, 2019, 66, 4726-4737.	7.9	92
4	Power transformer dissolved gas analysis through Bayesian networks and hypothesis testing. IEEE Transactions on Dielectrics and Electrical Insulation, 2018, 25, 494-506.	2.9	50
5	A Model-Based Hybrid Approach for Circuit Breaker Prognostics Encompassing Dynamic Reliability and Uncertainty. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1637-1648.	9.3	31
6	Improved Dynamic Dependability Assessment Through Integration With Prognostics. IEEE Transactions on Reliability, 2017, 66, 893-913.	4.6	21
7	Improving the accuracy of transformer DGA diagnosis in the presence of conflicting evidence. , 2017, , .		3
8	Selecting appropriate machine learning classifiers for DGA diagnosis. , 2017, , .		7
9	Investigation into pulse sequence analysis of PD features due to electrical tree growth in epoxy resin. , 2016, , .		1
10	On the use of probabilistic model-checking for the verification of prognostics applications. , 2015, , .		2
11	Optimisation of the bidding strategy for wind power trading. , 2015, , .		0
12	An Agent-Based Implementation of Hidden Markov Models for Gas Turbine Condition Monitoring. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2014, 44, 186-195.	9.3	25
13	Standardization of power system protection settings using IEC 61850 for improved interoperability. , 2013, , .		7
14	Practical applications of multi-agent systems in electric power systems. European Transactions on Electrical Power, 2012, 22, 235-252.	1.0	35
15	Identifying Harmonic Attributes From Online Partial Discharge Data. IEEE Transactions on Power Delivery, 2011, 26, 1811-1819.	4.3	17
16	Online Conditional Anomaly Detection in Multivariate Data for Transformer Monitoring. IEEE Transactions on Power Delivery, 2010, 25, 2556-2564.	4.3	45
17	Managing Remote Online Partial Discharge Data. IEEE Transactions on Power Delivery, 2008, 23, 1754-1762.	4.3	9
18	Multi-Agent Systems for Power Engineering Applicationsâ€”Part I: Concepts, Approaches, and Technical Challenges. IEEE Transactions on Power Systems, 2007, 22, 1743-1752.	6.5	881

#	ARTICLE	IF	CITATIONS
19	Multi-Agent Systems for Power Engineering Applicationsâ€™Part II: Technologies, Standards, and Tools for Building Multi-agent Systems. IEEE Transactions on Power Systems, 2007, 22, 1753-1759.	6.5	424