

# Abdoulha Emhmed

## List of Publications by Year in descending order

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27  
papers

496  
citations

1307594

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h-index

1372567

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g-index

27  
all docs

27  
docs citations

27  
times ranked

456  
citing authors

#	ARTICLE	IF	CITATIONS
1	Validation of Fast and Selective Protection Scheme for an LVDC Distribution Network. IEEE Transactions on Power Delivery, 2017, 32, 1432-1440.	4.3	154
2	An Advanced Protection Scheme for Enabling an LVDC Last Mile Distribution Network. IEEE Transactions on Smart Grid, 2014, 5, 2602-2609.	9.0	152
3	Analysis of Transient Stability Enhancement of LV-Connected Induction Microgenerators by Using Resistive-Type Fault Current Limiters. IEEE Transactions on Power Systems, 2010, 25, 885-893.	6.5	47
4	A Novel Fault Let-Through Energy Based Fault Location for LVDC Distribution Networks. IEEE Transactions on Power Delivery, 2021, 36, 966-974.	4.3	20
5	The effectiveness of using IEC61660 for characterising short-circuit currents of future low voltage DC distribution networks. , 2013, , .		15
6	Increasing renewable penetration on islanded networks through active network management: a case study from Shetland. IET Renewable Power Generation, 2015, 9, 453-465.	3.1	15
7	Fault analysis of an active LVDC distribution network for utility applications. , 2016, , .		13
8	A novel protection scheme for an LVDC distribution network with reduced fault levels. , 2017, , .		13
9	Evaluation of existing DC protection solutions on an active LVDC distribution network under different fault conditions. CIREN - Open Access Proceedings Journal, 2017, 2017, 1112-1116.	0.1	12
10	Overview paper on: low voltage direct current (LVDC) distribution system standards. International Journal of Power Electronics, 2018, 9, 287.	0.2	10
11	Fault Location in DC Microgrids Based on a Multiple Capacitive Earthing Scheme. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 2550-2559.	5.4	7
12	Impact of high penetration of single-phase distributed energy resources on the protection of LV distribution networks. , 2007, , .		6
13	Investigation of different system earthing schemes for protection of low-voltage DC microgrids. Journal of Engineering, 2019, 2019, 5129-5133.	1.1	6
14	Transient performance analysis of low voltage connected microgeneration. , 2008, , .		4
15	Transient performance analysis of single-phase induction generators for microgeneration applications. , 2008, , .		4
16	Protection analysis for plant rating and power quality issues in LVDC distribution power systems. , 2015, , .		4
17	Fault Characterisation of a DC Microgrid with Multiple Earthing under Grid Connected and Islanded Operations. , 2018, , .		3
18	Decentralised Control of DC Microgrid Based on Virtual Admittance to Enhance DC Voltage and Grid Frequency Support. , 2018, , .		3

#	ARTICLE	IF	CITATIONS
19	Using real-time simulation to assess the impact of a high penetration of LV connected microgeneration on the wider system performance during severe low frequency. , 2011, , .		2
20	Evaluation of the impact of variable system inertia on the performance of frequency based protection. , 2014, , .		2
21	Feasibility of Direct Current Street Lighting & Integrated Electric Vehicle Charging Points. , 2016, , .		2
22	Investigation of a decentralised control strategy for grid frequency support from DC microgrids. Journal of Engineering, 2019, 2019, 5099-5103.	1.1	2
23	Improving the transient performance of a high penetration of LV connected microgeneration. , 2009, , .		0
24	An Investigation into the Limitations of the Combined dv/dt and di/dt Protection Technique for Compact d.c. Distribution Systems. , 2018, , .		0
25	Capacitive earthing charge-based method for locating faults within a DC microgrid. , 2019, , .		0
26	Challenges and issues in LVDC installations. , 2015, , .		0
27	Evaluation of LV distribution network with active network management under fault conditions. CIREN - Open Access Proceedings Journal, 2020, 2020, 289-292.	0.1	0