Nuno Vilhena

List of Publications by Year
in descending order

15	102	1478505 6	1372567 10
papers	citations	h-index	g-index

15	15	15	105
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Methodology for Modeling and Simulation of Saturated Cores Fault Current Limiters. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.7	20
2	Control and operation of a threeâ€phase local energy router for prosumers in a smart community. IET Renewable Power Generation, 2020, 14, 560-570.	3.1	18
3	Analysis of Characteristic Hysteresis Loops of Magnetic Shielding Inductive Fault Current Limiters. IEEE Transactions on Applied Superconductivity, 2013, 23, 5601004-5601004.	1.7	16
4	A Design Methodology for the Optimization of Three-Phase SFCL of Saturated Cores Type. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.7	9
5	Energy router for SC: GC, SA and transition mode controls. IET Renewable Power Generation, 2020, 14, 914-924.	3.1	7
6	Analysis of Electromagnetic Forces in Superconducting Fault-Current Limiters Under Short-Circuit Condition. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-4.	1.7	6
7	Analysis of the effects of asymmetric faults in three-phase superconducting inductive fault current limiters. Journal of Physics: Conference Series, 2014, 507, 032036.	0.4	5
8	Development of a Simulink Model of a Saturated Cores Superconducting Fault Current Limiter. IFIP Advances in Information and Communication Technology, 2015, , 415-422.	0.7	5
9	Optimized Shape of Short-Circuited HTS Coils by Cutting Process for Superconducting Fault Current Limiters. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-9.	1.7	4
10	Preliminary Design and Test of Low-Resistance High Temperature Superconducting Short-Circuited Coils. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.7	3
11	Efficiency and loss distribution analysis of the 3L-Active NPC qZS inverter. , 2018, , .		3
12	Design Aspects and Test of an Inductive Fault Current Limiter. Electrical, Control and Communication Engineering, 2014, 5, 40-45.	0.8	2
13	Electromechanical Analysis of Core- and Shell-Type Inductive Superconducting Fault Current Limiters Under General Fault Conditions. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	2
14	Electric and magnetic properties measurement and analysis of a conventional and a superconducting power transformer. Journal of Physics: Conference Series, 2014, 507, 032015.	0.4	1
15	Measurements of electromechanical forces in superconducting fault current limiters tapes under short circuit conditions. , 2019, , .		1