

# Domenico Lahaye

## List of Publications by Year in descending order

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17  
papers

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citations

1684188

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1372567

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Modeling and Optimization of Brushless Doubly-Fed Induction Machines Using Computationally Efficient Finite-Element Analysis. IEEE Transactions on Industry Applications, 2016, 52, 4525-4534.	4.9	28
2	Towards Faster Solution of Large Power Flow Problems. IEEE Transactions on Power Systems, 2013, 28, 4918-4925.	6.5	22
3	Finite element modeling of brushless doubly-fed induction machine based on magneto-static simulation. , 2015, , .		9
4	Mitigating Thermal NOx by Changing the Secondary Air Injection Channel: A Case Study in the Cement Industry. Fluids, 2020, 5, 220.	1.7	9
5	Harmonics study of nested-loop rotors in brushless doubly-fed induction machines. , 2016, , .		8
6	Modeling for the design of fractional slot PM machines with concentrated windings protected from demagnetization during three-phase short circuit. , 2012, , .		7
7	An algebraic multilevel preconditioner for field-circuit coupled problems. Journal of Computational and Applied Mathematics, 2004, 168, 267-275.	2.0	5
8	Effects of rotor skew on the performance of brushless doubly-fed induction machine. , 2015, , .		5
9	Computationally efficient calculation of skew effects in brushless doubly-fed induction machines. IET Electric Power Applications, 2017, 11, 303-311.	1.8	5
10	Modeling Conjugate Heat Transfer in an Anode Baking Furnace Using OpenFoam. Fluids, 2022, 7, 124.	1.7	5
11	The nitric oxide formation in anode baking furnace through numerical modeling. International Journal of Thermofluids, 2021, 12, 100122.	7.8	4
12	FE based multi-objective optimization of a 3.2MW brushless doubly-fed induction machine. , 2017, , .		3
13	Analysis of the Aerodynamics in the Heating Section of an Anode Baking Furnace Using Non-Linear Finite Element Simulations. Fluids, 2021, 6, 46.	1.7	3
14	The Effect of Variable Air-Fuel Ratio on Thermal NOx Emissions and Numerical Flow Stability in Rotary Kilns Using Non-Premixed Combustion. Processes, 2021, 9, 1723.	2.8	3
15	Turbulent Non-Stationary Reactive Flow in a Cement Kiln. Fluids, 2022, 7, 205.	1.7	2
16	A finite element post-processing for skew effects in brushless doubly-fed induction machines. , 2016, , .		1
17	Robust Optimization of Thermal Aspects of Friction Stir Welding Using Manifold Mapping Techniques. , 2008, , .		0