Domenico Lahaye

List of Publications by Year
in descending order

17 papers	119 citations	1684188 5 h-index	1372567 10 g-index
18 all docs	18 docs citations	18 times ranked	79 citing authors

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