

Amãºndio J B Rebola

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

276
citations

932766

10
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1125271

13
g-index

14
all docs

14
docs citations

14
times ranked

255
citing authors

#	ARTICLE	IF	CITATIONS
1	Heavy fuel oil combustion in a cylindrical laboratory furnace: measurements and modeling. Fuel, 2005, 84, 359-369.	3.4	57
2	Assessment of the Performance of Several Turbulence and Combustion Models in the Numerical Simulation of a Flameless Combustor. Combustion Science and Technology, 2013, 185, 600-626.	1.2	43
3	Experimental evaluation of the performance of a flameless combustor. Applied Thermal Engineering, 2013, 50, 805-815.	3.0	42
4	Development and experimental testing of a compact thermal energy storage tank using paraffin targeting domestic hot water production needs. Thermal Science and Engineering Progress, 2020, 19, 100573.	1.3	20
5	Effect of fins and nanoparticles in the discharge performance of PCM thermal storage system with a multi pass finned tube heat exchange. Applied Thermal Engineering, 2022, 212, 118569.	3.0	19
6	Simultaneous reduction of NOx and particulate emissions from heavy fuel oil-fired furnaces. Proceedings of the Combustion Institute, 2002, 29, 2243-2250.	2.4	18
7	Modelling coal combustion with air and wet recycled flue gas as comburent in a 2.5ÂMWth furnace. Applied Thermal Engineering, 2015, 86, 168-177.	3.0	14
8	Experimental assessment of a full scale prototype thermal energy storage tank using paraffin for space heating application. International Journal of Thermofluids, 2020, 1-2, 100003.	4.0	14
9	Investigating the performance of a thermal energy storage unit with paraffin as phase change material, targeting buildingsâ€™ cooling needs: an experimental approach. International Journal of Thermofluids, 2020, 3-4, 100027.	4.0	14
10	Modelling pulverized coal combustion using air and recirculated flue gas as oxidant. Applied Thermal Engineering, 2015, 83, 1-7.	3.0	13
11	Evaluating a prototype compact thermal energy storage tank using paraffin-based phase change material for domestic hot water production. E3S Web of Conferences, 2019, 116, 00016.	0.2	8
12	Performance Evaluation of a Small-Scale Latent Heat Thermal Energy Storage Unit for Heating Applications Based on a Nanocomposite Organic PCM. ChemEngineering, 2019, 3, 88.	1.0	7
13	Latent Thermal Energy Storage Application in a Residential Building at a Mediterranean Climate. Energies, 2022, 15, 1008.	1.6	7
14	Testing the performance of a prototype thermal energy storage tank working with organic phase change material for space heating application conditions. E3S Web of Conferences, 2019, 116, 00038.	0.2	0