

Jon Gastelurrutia

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

377
citations

1162367

8
h-index

1372195

10
g-index

13
all docs

13
docs citations

13
times ranked

373
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical modelling of natural convection of oil inside distribution transformers. Applied Thermal Engineering, 2011, 31, 493-505.	3.0	90
2	Novel thermal management system design methodology for power lithium-ion battery. Journal of Power Sources, 2014, 272, 291-302.	4.0	89
3	Thermal Modeling of Large Format Lithium-Ion Cells. Journal of the Electrochemical Society, 2013, 160, A212-A217.	1.3	73
4	Batteries 2020 " Lithium-ion battery first and second life ageing, validated battery models, lifetime modelling and ageing assessment of thermal parameters. , 2016, , .		29
5	Numerical modelling of the natural ventilation of underground transformer substations. Applied Thermal Engineering, 2013, 51, 852-863.	3.0	26
6	Zonal thermal model of the ventilation of underground transformer substations: Development and parametric study. Applied Thermal Engineering, 2014, 62, 215-228.	3.0	19
7	Zonal thermal model of distribution transformer cooling. Applied Thermal Engineering, 2011, 31, 4024-4035.	3.0	16
8	Modeling based on design of thermal management systems for vertical elevation applications powered by lithium-ion batteries. Applied Thermal Engineering, 2016, 102, 1081-1094.	3.0	14
9	Optimization of thermal management systems for vertical elevation applications powered by lithium-ion batteries. Applied Thermal Engineering, 2019, 147, 155-166.	3.0	11
10	Avoiding Thermal Issues During Fast Charging Starting with Proper Cell Selection Criteria. Journal of the Electrochemical Society, 2021, 168, 110523.	1.3	5
11	Performance degradation of thermal parameters during cycle ageing of high energy density Ni-Mn-Co based Lithium-Ion battery cells. , 2016, , .		2
12	Modeling based on design of a dual thermal management system for the battery pack of a full electric minibus. Applied Thermal Engineering, 2017, 124, 1142-1158.	3.0	2
13	Thermal management systems' design methodology for transport applications. , 2013, , .		1