Egoitz Martinez Laserna

List of Publications by Year
in descending order

21	1,416	840119 11	1125271 13
papers	citations	h-index	g-index

22	22	22	1485
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Calendar Ageing Model for Li-Ion Batteries Using Transfer Learning Methods. World Electric Vehicle Journal, 2021, 12, 145.	1.6	11
2	Module-Level Modelling Approach for a Cloudbased Digital Twin Platform for Li-Ion Batteries. , 2021, , .		1
3	Non-invasive yet separate investigation of anode/cathode degradation of lithium-ion batteries (nickelâ€“cobaltâ€“manganese vs. graphite) due to accelerated aging. Journal of Power Sources, 2020, 449, 227369.	4.0	41
4	Data-Driven Nonparametric Li-Ion Battery Ageing Model Aiming At Learning From Real Operation Data: Holistic Validation With Ev Driving Profiles. , 2020, , .		4
5	Data-driven nonparametric Li-ion battery ageing model aiming at learning from real operation data - Part B: Cycling operation. Journal of Energy Storage, 2020, 30, 101410.	3.9	29
6	Data-driven nonparametric Li-ion battery ageing model aiming at learning from real operation data â€“ Part A: Storage operation. Journal of Energy Storage, 2020, 30, 101409.	3.9	24
7	Technical Viability of Battery Second Life: A Study From the Ageing Perspective. IEEE Transactions on Industry Applications, 2018, 54, 2703-2713.	3.3	145
8	A critical review on self-adaptive Li-ion battery ageing models. Journal of Power Sources, 2018, 401, 85-101.	4.0	115
9	Battery second life: Hype, hope or reality? A critical review of the state of the art. Renewable and Sustainable Energy Reviews, 2018, 93, 701-718.	8.2	242
10	Li-Ion Battery Lifetime Modelâ€™s Influence on the Economic Assessment of a Hybrid Electric Busâ€™s Operation. World Electric Vehicle Journal, 2018, 9, 28.	1.6	10
11	Techno-Economic Assessment of Lithium-Ion Battery Lifetime Estimation Methods for Sizing and Operation Conditions Definition in Railway Applications. , 2017, , .		1
12	Evaluation of lithium-ion battery second life performance and degradation. , 2016, , .		31
13	The Second Life Ageing of the NMC/C Electric Vehicle Retired Li-Ion Batteries in the Stationary Applications. ECS Transactions, 2016, 74, 55-62.	0.3	11
14	Sustainability analysis of the electric vehicle use in Europe for CO2 emissions reduction. Journal of Cleaner Production, 2016, 127, 425-437.	4.6	257
15	Sizing Study of Second Life Li-ion Batteries for Enhancing Renewable Energy Grid Integration. IEEE Transactions on Industry Applications, 2016, 52, 4999-5008.	3.3	91
16	Batteries 2020 â€” Lithium-ion battery first and second life ageing, validated battery models, lifetime modelling and ageing assessment of thermal parameters. , 2016, , .		29
17	Realistic lifetime prediction approach for Li-ion batteries. Applied Energy, 2016, 162, 839-852.	5.1	144
18	Second life battery energy storage system for residential demand response service. , 2015, , .		30

#	Article	IF	Citations
19	Second life battery energy storage system for enhancing renewable energy grid integration. , 2015, , .		23
20	Cycle ageing analysis of a LiFePO4/graphite cell with dynamic model validations: Towards realistic lifetime predictions. Journal of Power Sources, 2015, 275, 573-587.	4.0	169
21	Thyristor based solid state tap changer for distribution transformers. , 2013, , .		8