

LISTES DES TRAVAUX ET PUBLICATIONS

Publications dans des revues internationales à comité de lecture

37 – Matthieu Lecompte, Julien Bernard, Elisa Calas, Lucas Richardet, Aurelien Guignard, François Duclaud, Damien Voyer, Maxime Montaru, Bruno Crouzevialle, Loic Lonardoni, Catherine Arnal, Olivier Briat, Armande Capitaine, Jean-Michel Vinassa, Eduardo Redondo-Iglesias, Serge Pelissier, Christophe Forgez, Guy Friedrich, Laurent Torcheux, Guillaume Bretin, Loic De Francqueville

Experimental assessment of high-energy high nickel-content NMC lithium-ion battery cycle life at cold temperatures

Journal of Energy Storage, Vol 94, 112443, 2024

[Q1 – JCR] <https://doi.org/10.1016/j.est.2024.112443>

36 - Ali Abbas, Nassim Rizoug, Rochdi Trigui, Eduardo Redondo-Iglesias, and Serge Pelissier.

Low-Computational Model to Predict Individual Temperatures of Cells within Battery Modules.

Batteries, 10(3):98, 2024.

[Q2 – JCR] doi: 10.3390/batteries10030098.

35 - Eduardo Redondo-Iglesias, Marwan Hassini, Pascal Venet, and Serge Pelissier.

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SoftwareX, 24:101584, 2023.

[Q2 – JCR] doi: 10.1016/j.softx.2023.101584.

34 - Chethan Parthasarathy, Hannu Laaksonen, Eduardo Redondo-Iglesias, Serge Pelissier

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Journal of Energy Storage, Vol 57, 106268, 2023

[Q1 – JCR] doi.org/10.1016/j.est.2022.106268

33 - Bruno Jeanneret, Alice Guille Des Buttes, Alan Keromnes, Serge Pélissier and Luis Le Moynes

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32 - Mohamed Ben-Marzouk, Serge Pélissier, Guy Clerc, Ali Sari, Pascal Venet

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31 - Loic Vichard, Alexandre Ravey, Pascal Venet, Fabien Harel, Serge Pélissier, Daniel Hissel

A method to estimate battery SOH indicators based on vehicle operating data only

Energy, Vol. 225, art. 120235, 2021

[Q1 – JCR] doi.org/10.1016/j.energy.2021.120235

30 - Bruno Jeanneret, Alice Guille des Buttes, Jérémy Pelluet, Alan Keromnes, Serge Pélissier, Luis Le Moynes

Optimal Control of a Spark Ignition Engine Including Cold Start Operations for Consumption/Emissions Compromises

Applied Sciences, Vol. 11(3), 971, 2021

[Q2 – JCR] doi.org/10.3390/app11030971

29 – Alice Guille des Buttes, Bruno Jeanneret, Alan Kéromnès, Luis Le Moynes, Serge Pélissier

Energy management strategy to reduce pollutant emissions during the catalyst light-off of parallel hybrid vehicles

Applied Energy, Vol. 266, 15 May 2020

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28 - Eduardo Redondo-Iglesias, Pascal Venet, Serge Pélissier

Modelling Lithium-Ion Battery Ageing in Electric Vehicle Applications—Calendar and Cycling Ageing Combination Effects

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27 - Adnane Houbbadi, Rochdi Trigui, Serge Pélissier, Eduardo Redondo-Iglesias, Tanguy Bouton

Optimal Scheduling to Manage an Electric Bus Fleet Overnight Charging

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26 - Adnane Houbbadi, Rochdi Trigui, Serge Pélissier, Eduardo Redondo-Iglesias

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25 – Honorat Quinard, Eduardo Redondo-Iglesias, Serge Pélissier, Pascal Venet
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24 - Eduardo Redondo-Iglesias, Pascal Venet, Serge Pélissier
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23 - Eduardo Redondo-Iglesias, Pascal Venet, Serge Pélissier
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19 - Aurélien Lievre, Ali Sari, Pascal Venet, Alaa Hijazi, Mathilde Ouattara-Brigaudet, Serge Pélissier
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18 - François Savoye, Pascal Venet, Serge Pélissier, Michael Millet, Jens Groot
Impact of periodic current pulses on Li-ion batteries lifetime in vehicular application
International Journal of Electric and Hybrid Vehicle, Vol. 7, n° 4, pp. 323-341, 2015
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11 - D. Blanc et S. Pélissier

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Thin Solid Films, Vol. 384, pp.251-253, 2001

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100 faits marquants du département des sciences pour l'ingénieur 1997, Edition du CNRS, 1997.

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Ouvrages scientifiques ou chapitres

2 - Serge Pélissier, Ali Sari, Pascal Venet

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Techniques de l'Ingénieur, collection Électronique - Photonique – Électronique, E2141, 20 pages, 2018.

1 - Serge Pélissier, Ali Sari, Pascal Venet

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5 - Mohamed Ben-Marzouk, Guy Clerc, Serge Pélissier, Ali Sari, Pascal Venet.
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La Revue 3 E. I, (SEE) n°96, pp 49-54, Avril 2019

4 - Serge Pélissier
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3 - Frédéric Héran, Serge Pélissier
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41 - Pedro von Hohendorff Seger, Eduardo Redondo-Iglesias, Serge Pelissier.
Influence of parameter identification choices on a Li-ion battery electric model.
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40 - Marwan Hassini, Pedro Seger, Eduardo Redondo-Iglesias, Serge Pelissier, and Pascal Venet.
Capacity Dispersion and Impact of Outliers in a Second Life Battery.
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39 - Ali Abbas, Nassim Rizoug, Rochdi Trigui, Eduardo Redondo-Iglesias, and Serge Pelissier.
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37 - Ali Abbas, Nassim Rizoug, Rochdi Trigui, Anthony Babin, Eduardo Redondo-Iglesias, and Serge Pelissier
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36 - Adnane Houbbadi, Eduardo Redondo-Iglesias, Serge Pelissier, Rochdi Trigui and Tanguy Bouton,
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35 - Adnane Houbbadi, Eduardo Redondo-Iglesias, Rochdi Trigui, Serge Pélissier, Tanguy Bouton
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34 - Eduardo Redondo-Iglesias, Emmanuel Vinot, Pascal Venet, Serge Pélissier
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31 - Alice Guille des Buttes, Bruno Jeanneret, Alan Keromnes, Serge Pélissier, Luis Le Moyne
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- 30 - Felix-A. LeBel, Joao Pedro Trovao, Loic Boulon, Ali Sari, Serge Pélissier, Pascal Venet
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- 29 - Loïc Vichard, Simon Morando, Alexandre Ravey, Fabien Harel, Pascal Venet, Daniel Hissel
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- 26 - Adnane Houbbadi, Rochdi Trigui, Serge Pélissier, Eduardo Redondo Iglesias, Tanguy Bouton
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- 24 - Eduardo Redondo-Iglesias, Pascal Venet, Serge Pélissier
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- 23 - Mohamed Ben-Marzouk, Agnès Chaumond, Eduardo Redondo-Iglesias, Maxime Montaru, Serge Pélissier
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- 22 - Eduardo Redondo-Iglesias, Pascal Venet, Serge Pélissier
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- 19 - P. Kreczanik, B. Jeanneret, S. Pélissier
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- 18 - A. Delaille, S. Grolleau, F. Duclaud, J. Bernard, R. Revel, S. Pélissier, E. Redondo-Iglesias, J.M. Vinassa, A. Eddahech, C. Forgez, D. Porcellato, P. Gyan, S. Bourlot, M. Ouattara-Brigaudet
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- 16 - Mohammad Kassem, J. Bernard, R. Revel, S. Pélissier, F. Duclaud, and C. Delacourt
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- 15 - S. Pélissier
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