

LISTES DES TRAVAUX ET PUBLICATIONS

Publications dans des revues internationales à comité de lecture

34 - Chethan Parthasarathy, Hannu Laaksonen, Eduardo Redondo-Iglesias, Serge Pélassier
Aging Aware Adaptive Control of Li-ion Battery Energy Storage System for Flexibility Services Provision
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 Pélassier and Luis Le Moine
Optimal control for cleaner hybrid vehicles: a backward approach
Applied Sciences, Vol. 12(2), 578, 2022
[Q2 – JCR] doi.org/10.3390/app12020578

32 - Mohamed Ben-Marzouk, Serge Pélassier, Guy Clerc, Ali Sari, Pascal Venet
Generation of a Real-Life Battery Usage Pattern for Electrical Vehicle Application and Aging Comparison With the WLTC Profile
IEEE Transactions on Vehicular Technology, Vol. 70, no. 6, pp. 5618-5627, 2021
[Q1 – JCR] doi: 10.1109/TVT.2021.3077671

31 - Loic Vichard, Alexandre Ravey, Pascal Venet, Fabien Harel, Serge Pélassier, 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, Jérémie Pelluet, Alan Keromnes, Serge Pélassier, Luis Le Moine
Optimal Control of a Spark Ignition Engine Including Cold Start Operations for Consumption/Emissions Compromises
Applied Sciences, Vol. 11(3), 971, 2021
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29 – Alice Guille des Buttes, Bruno Jeanneret, Alan Kéromnès, Luis Le Moine, Serge Pélassier
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28 - Eduardo Redondo-Iglesias, Pascal Venet, Serge Pélassier
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27 - Adnane Houbbadi, Rochdi Trigui, Serge Pélassier, Eduardo Redondo-Iglesias, Tanguy Bouton
Optimal Scheduling to Manage an Electric Bus Fleet Overnight Charging
Energies, 12 (14), 2727, 17p, 2019
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26 - Adnane Houbbadi, Rochdi Trigui, Serge Pélassier, Eduardo Redondo-Iglesias
A quadratic programming based optimisation to manage electric bus fleet charging
Int. J. Electric and Hybrid Vehicles, Vol. 11, n° 4, 289-307, 2019
[Q3 – JCR] doi.org/10.1504/IJEHV.2019.102862

25 – Honorat Quinard, Eduardo Redondo-Iglesias, Serge Pélassier, Pascal Venet
Fast Electrical Characterizations of High-Energy Second Life Lithium-Ion Batteries for Embedded and Stationary Applications
Batteries, 5, no. 1: 33, 18p, 2019
[Q2 – JCR] doi.org/10.3390/batteries5010033

24 - Eduardo Redondo-Iglesias, Pascal Venet, Serge Pélassier
Efficiency Degradation Model of Lithium-ion Batteries for Electric Vehicles
IEEE Transactions on Industry Applications, 55 (2), 1932 – 1940, 2019
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19 - Aurélien Lievre, Ali Sari, Pascal Venet, Alaa Hijazi, Mathilde Ouattara-Brigaudet, Serge Pélassier
Practical Online Estimation of Lithium-Ion Batteries Apparent Series Resistance for Mild Hybrid Vehicles
IEEE Transactions on Vehicular Technology, 65 (6), pp. 4505-4511, 2016
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18 - François Savoye, Pascal Venet, Serge Pélassier, Michael Millet, Jens Groot
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14 - E. Gamet, Y. Jourlin, S. Pélassier, S. Reynaud, C. Veillas, J.C. Pommier, O.Parriaux.
Flying phase mask for the printing of long stitchingless gratings
Microelectronic Engineering, Vol. 83, n° 4-9, pp. 734-737, 2006
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Journal of Sol-Gel Science and Technology, 27, pp. 215-220, 2003
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7 - S. Pélassier, F. Pigeon, B. Biasse, M. Zussy, G. Pandraud, and A. Mure- Ravaud

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5 - Mohamed Ben-Marzouk, Guy Clerc, Serge Pélassier, Ali Sari, Pascal Venet.

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4 - Serge Pélassier

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3 - Frédéric Héran, Serge Pélassier

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1 - S. Pélassier, R. Trigui

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35 - Adnane Houbbadi, Eduardo Redondo-Iglesias, Rochdi Trigui, Serge Pélissier, Tanguy Bouton
Optimal charging strategy to minimize electricity cost and prolong battery life of electric bus fleet
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34 - Eduardo Redondo-Iglesias, Emmanuel Vinot, Pascal Venet, Serge Pélissier
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33 - Adnane Houbbadi, Serge Pélissier, Rochdi Trigui, Eduardo Redondo-Iglesias, Tanguy Bouton
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32 - Eduardo Redondo-Iglesias, 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, Loïc 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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28 - Mohamed Ben-Marzouk, Guy Clerc, Serge Pélissier, Ali Sari, Pascal Venet
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25 - Eduardo Redondo-Iglesias, Pascal Venet, Serge Pélissier
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24 - Eduardo Redondo-Iglesias, Pascal Venet, Serge Pélissier
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15 - S. Pélassier

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14 - Weiping Liu, C. Delacourt, C. Forgez, S. Pélassier

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11 - A. Devie, M. Montaru, S. Pélassier, P. Venet

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