

Title of publication	Author(s)	Conference Title / Title of the Journal/Proceedings/Book	Doi and/or link to article on journal/publisher website And/or repository
European Innovation for Next Generation Electrified Vehicles and Components	Eric Armengaud, Eva Flora Varga, Bernhard Brandstätter, Valentin Ivanov, Reinhard Tatschl, Michele De Gennaro, Aldo Sorniotti, Joeri van Mierlo	The 8th International Conference on Connected Vehicles and Expo (ICCVE), November 4-8, 2019, Graz	Doi: 10.1109/ICCVE45908.2019.8964843 https://ieeexplore.ieee.org/document/8964843
Virtual Component and System Integration for Efficient Electrified Vehicle Development	Reinhard Tatschl, Zisis Samaras, Philip Scarth, Carlo Beatrice, Mihai Mihaescu, Matteo Rostagno, Angelo Onorati, Gladys Moreac Njeim, Clemens Biet, Xandra Margot, Yousef Firouz, Bernd Deibler, Damijan Miljavec, Marco Plieske	Proceedings of 8th Transport Research Arena TRA 2020, April 27-30, 2020, Helsinki, Finland	https://www.researchgate.net/profile/Reinhard_Tatschl
State of Charge Equalization of Battery Modules Using Single-Phase Cascaded Multilevel Converters	Ashkan Pirooz, Yousef Firouz, Joeri Van Mierlo	9th International Conference on Power and Energy Systems (ICPES 2019) 10 – 12 December 2019 Perth, Australia 10.1109/ICPES47639.2019.9105524	Doi: 10.1109/ICPES47639.2019.9105524 https://cris.vub.be/files/48854873/1570563521.pdf https://ieeexplore.ieee.org/document/9105524
Experimental and numerical investigation of a turbocharger turbine using exergy analysis at non-adiabatic conditions	SM. Lim, S. Kazemi Bakhsmand, C. Biet, M. Mihaescu	SAE 2020 International Powertrains, Fuels & Lubricants Meeting, 22-09-2020, Krakow, Poland	



Investigation of Leakage Inductance Influence on Torque Characteristic of Different Types of Induction Machines	Ihor Reva ; Mykhaylo Zagirnyak ; Mario Vukotic ; Damijan Miljavec ; Selma Corovic	2019 IEEE International Conference on Modern Electrical and Energy Systems (MEES)	DOI: 10.1109/MEES.2019.8896396 https://ieeexplore.ieee.org/document/8896396
Experimental Characterization of Lithium-Ion Capacitors for Applications on Road Hybrid Vehicles	Clemente Capasso, Ottorino Veneri	International Conference on Applied Energy 2019	http://www.energy-proceedings.org/experimental-characterization-of-lithium-ion-capacitors-for-applications-on-road-hybrid-vehicles/
A Novel Design Concept of Electromagnetic Valve Actuator with High Starting Force	Tomaž Munih, Damijan Miljavec and Selma Čorović	Energies 2019, 12	DOI: 10.3390/en12173300 https://www.mdpi.com/1996-1073/12/17/3300
Prediction of Driving Cycles by Means of a Co-Simulation Framework for the Evaluation of IC Engine Tailpipe Emissions	Gianluca Montenegro, Angelo Onorati, Gianluca D'Errico, Tarcisio Cerri, Andrea Marinoni, Politecnico di Milano; Vasileios Tziolas, Nikolaos Zingopis, Exothermia SA.	SAE Paper n. 2020-37-0011 - SAE Conference "CO2 Reduction for Transportation Systems", 7-8 July 2020, Torino, Italy.	doi:10.4271/2020-37-0011 https://saemobilus.sae.org/content/2020-37-0011
Assessment and design of real world driving cycles targeted to the calibration of vehicles with electrified powertrain	S. Doulgeris, Z. Toumasatos, M.V. Prati, C. Beatrice, and Z. Samaras	THIESEL2020, 8-11 Sept 2020, Valencia, Spain	
Automatic Conversion of a 3D Thermal Model of a Battery Cell into a 1D Lumped-Element Network	Josep Salvador-Iborra, Jürgen Schneider, Reinhard Tatschl	IEEE Vehicle Power and Propulsion Conference (IEEE VPPC 2020), Gijon, Spain, October 26-29, 2020	



Experimental energy and exergy analysis of an automotive turbocharger using a novel power based approach	Sina K.Bakhshmand, Ly Tai Luu, Clemens Biet	ETC14, European Conference on Turbomachinery, 12-16 April 2021, Gdansk, Poland.	
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