

- [11] Xiang C, Wang Y, Hu S, Wang W. (2014). A new topology and control strategy for a hybrid battery-ultracapacitor energy storage system. *Energies* 7(5): 2874-96. <http://dx.doi.org/3390/en7052874>
- [12] Gholizadeh M, Salmasi FR. (2014). Estimation of state of charge, unknown nonlinearities, and state of health of a lithium-ion battery based on a comprehensive unobservable model. *IEEE Transactions on Industrial Electronics* 61(3): 1335-1344. <http://dx.doi.org/10.1109/TIE.2013.2259779>
- [13] Sánchez Ramos L, Blanco Viejo CJ, Álvarez Antón JC, García García VG, González Vega M, Viera Pérez JC. (2015). A variable effective capacity model for LiFePO₄ traction batteries using computational intelligence techniques. *IEEE Transactions on Industrial Electronics* 62(1): <http://dx.doi.org/10.1109/TIE.2014.2327552>
- [14] de Castro R, Araujo RE, Trovao JPF, Pereirinha PG, Melo P, Freitas D. (2012). Robust DC-link control in EVs with multiple energy storage systems. *IEEE Transactions on Vehicular Technology* 61(8): 3553-3565. <http://dx.doi.org/10.1109/TVT.2012.2208772>
- [15] Carter R, Cruden A, Hall PJ. (2012). Optimizing for efficiency or battery life in a battery/supercapacitor electric vehicle. *IEEE Transactions on Vehicular Technology* 61(4): 1526-33. <http://dx.doi.org/10.1109/TVT.2012.2188551>
- [16] Ferreira AA, Pomilio JA, Spiazzi G, de Araujo Silva L. (2008). Energy management fuzzy logic supervisory for electric vehicle power supplies system. *IEEE Transactions on Power Electronics* 23(1). <http://dx.doi.org/107-115>. 10.1109/TPEL.2007.911799
- [17] Choi ME, Kim SW, Seo SW. (2012). Energy management optimization in a battery/supercapacitor hybrid energy storage system. *IEEE Transactions on Smart Grid* 3(1): 463-72. <http://dx.doi.org/10.1109/TSG.2011.2164816>
- [18] Trovao JPF, Santos VD, Antunes CH, Pereirinha PG, Jorge HM. (2015). A real-time energy management architecture for multisource electric vehicles. *IEEE Trans. Industrial Electronics* 62(5): 3223-3233. <http://dx.doi.org/10.1109/TIE.2014.2376883>
- [19] Cao J, Emadi A. (2012). A new battery/ultracapacitor hybrid energy storage system for electric, hybrid, and plug-in hybrid electric vehicles. *IEEE Transactions on Power Electronics* 27(1): 122-132. <http://dx.doi.org/10.1109/TPEL.2011.2151206>
- [20] Zhang Y, Sen PC. (2003). A new soft-switching technique for buck, boost, and buck-boost converters. *IEEE Transactions on Industry Applications* 39(6): 1775-1782. <http://dx.doi.org/10.1109/TIA.2003.818964>
- [21] Katuri R, Gorantla S. (2018). Simulation and modelling of Math Function Based controller implemented with fuzzy and artificial neural network for a smooth transition between battery and ultracapacitor. *Advances in Modelling and Analysis C* 73(2): 45-52.