

Stefano MARCHIONNA – CV

Stefano Marchionna is a researcher at RSE, Generation Technologies and Materials department. After his Master degree (2003) and PhD in Material Science (2006) at the University in Milano Bicocca, he has worked with different roles in two company focused on the development of materials for PV applications. Moving in RSE, in the last decade, he has exploited his knowledge like process engineer optimizing the synthesis of MAX phases by means of high temperature and load sintering techniques. These 3D lamellar materials, and their chemically exfoliated version, known like MXenes, have been tested as anode for lithium and sodium ion batteries. So, he has shifted his topics on both electrochemical tests in semi- and full-cell devices and characterization techniques, also in operando, to support the interpretation of storage performances.