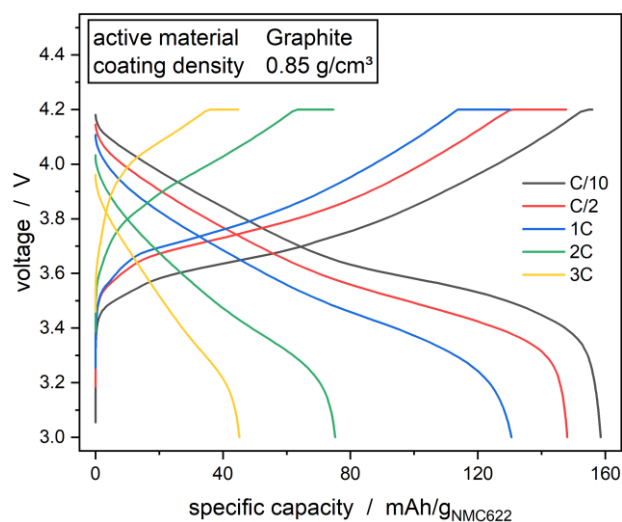
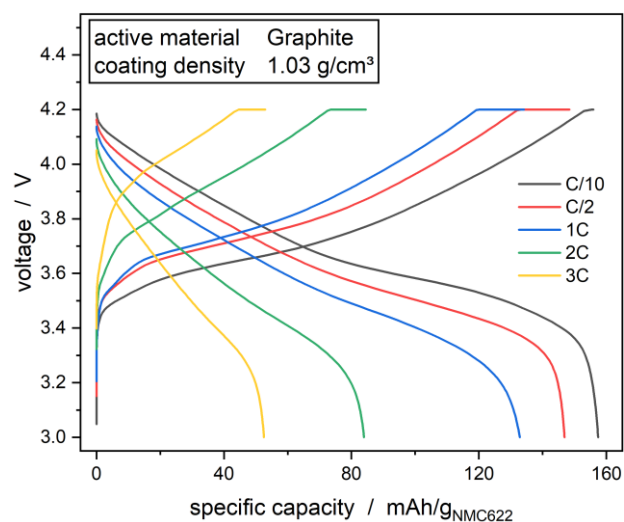




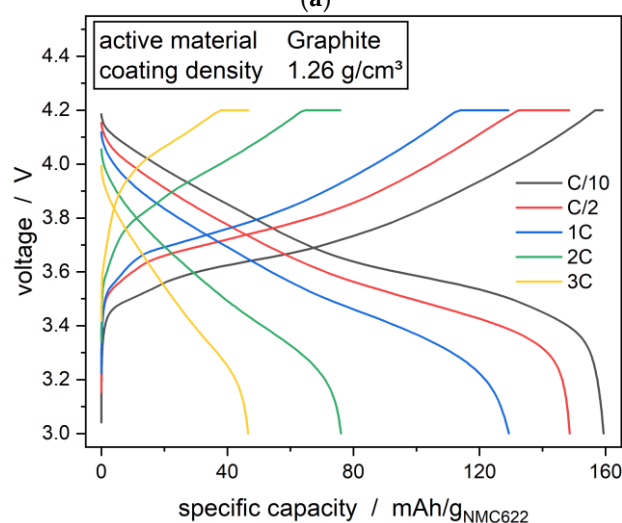
For a deeper understanding of the electrochemical performance of the pouch cells using a reference cathode and anodes with varied active materials and calendaring degrees the voltage curves are given for the tested C-rates. In Figure S1 the voltage is plotted against the capacity of the NMC622 cathode.



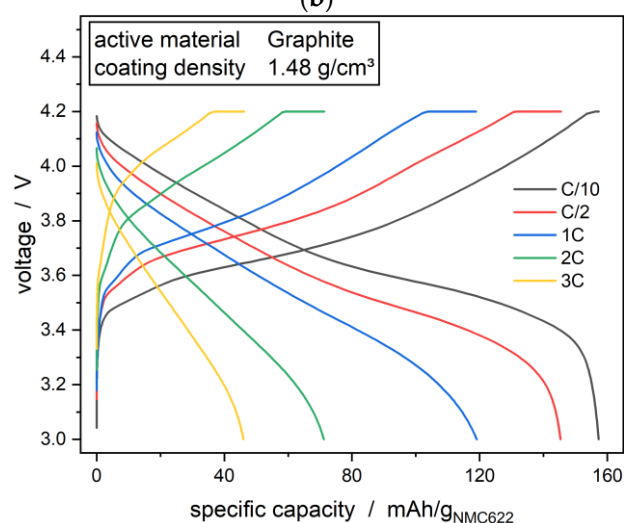
(a)



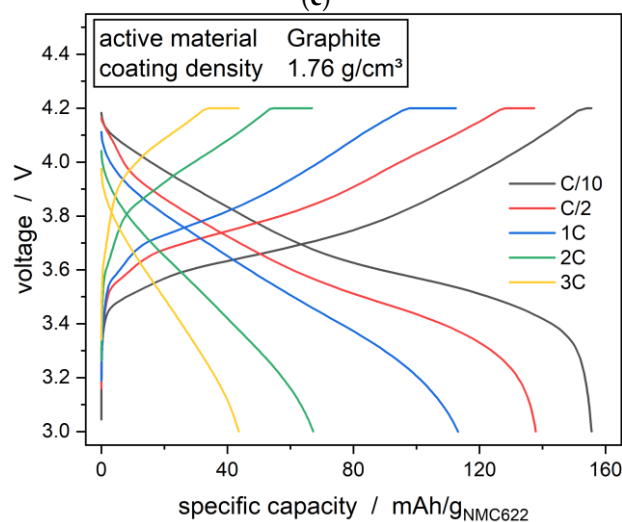
(b)



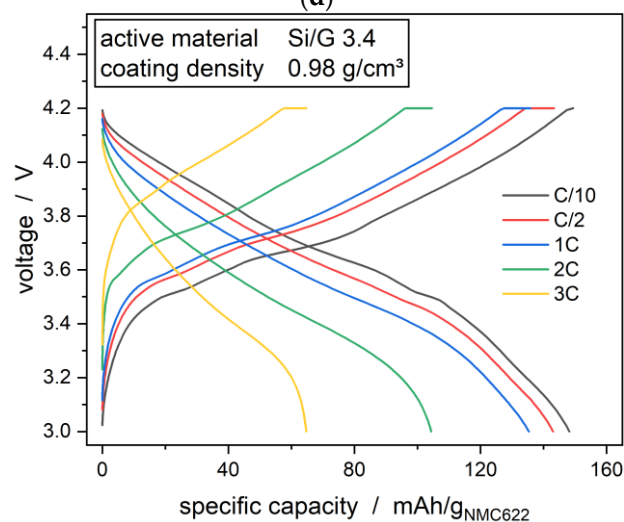
(c)



(d)



(e)



(f)

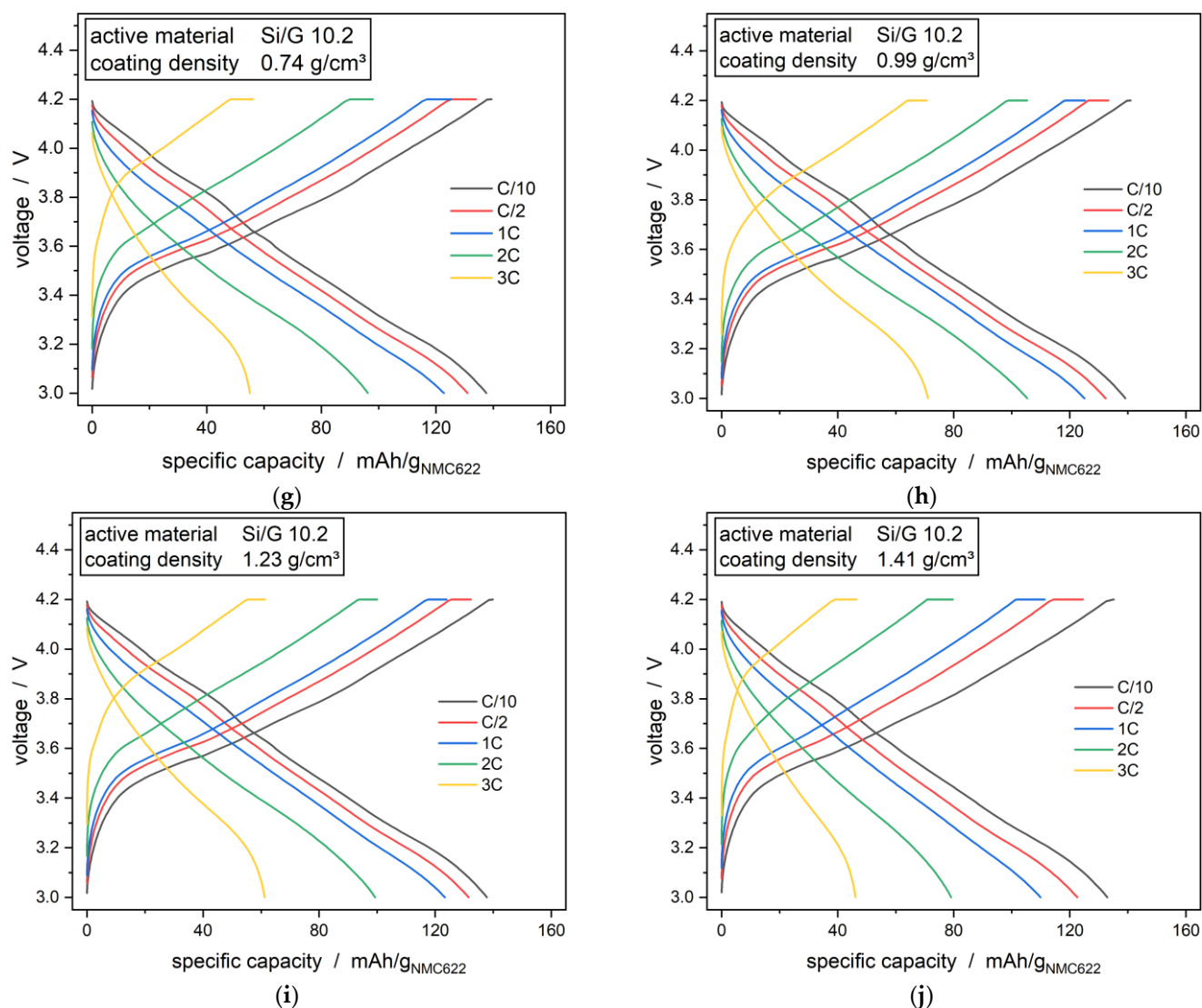


Figure S1. Voltage curves at different c-rates for the (a) graphite electrode at 0.85 g/cm³; (b) graphite electrode at 1.03 g/cm³; (c) graphite electrode at 1.26 g/cm³; (d) graphite electrode at 1.48 g/cm³; (e) graphite electrode at 1.76 g/cm³; (f) Si/G 3.4 electrode at 0.98 g/cm³; (g) Si/G 10.2 electrode at 0.74 g/cm³; (h) Si/G 10.2 electrode at 0.99 g/cm³; (i) Si/G 10.2 electrode at 1.23 g/cm³; (j) Si/G 10.2 electrode at 1.41 g/cm³.