

One-step synthesis of nickel cobalt sulphides particles: tuning the composition for high performance supercapacitors

Huaihao Zhang ^{a,*}, Bing Guan, Jiangna Gu ^b, Yu Li, Chi Ma, Jing Zhao, Tianyi Wang and
Changjing Cheng ^{c,*}

^a College of Chemistry and Chemical Engineering, Yangzhou University, Yangzhou 225002, PR China

^b AnKao Energy Co., Ltd. No. 29, Huahong Street, East Suhong Road, SuZhou Industrial Park, SuZhou, 215026, PR China

^c College of Chemistry & Environment Protection Engineering, Southwest University for Nationalities, Chengdu, 610041, China)

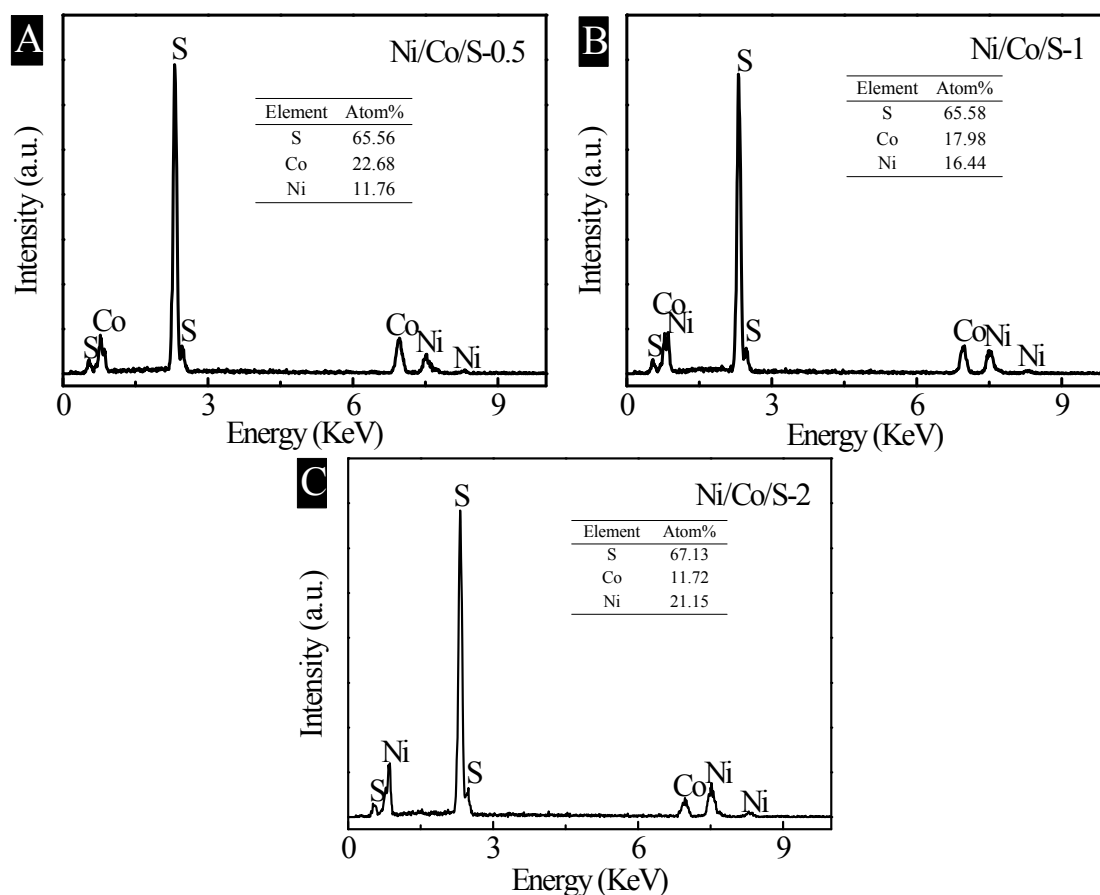


Figure. S1 EDS spectrum of samples: (A) Ni/Co/S-0.5, (B) Ni/Co/S-1, (C) Ni/Co/S-2.

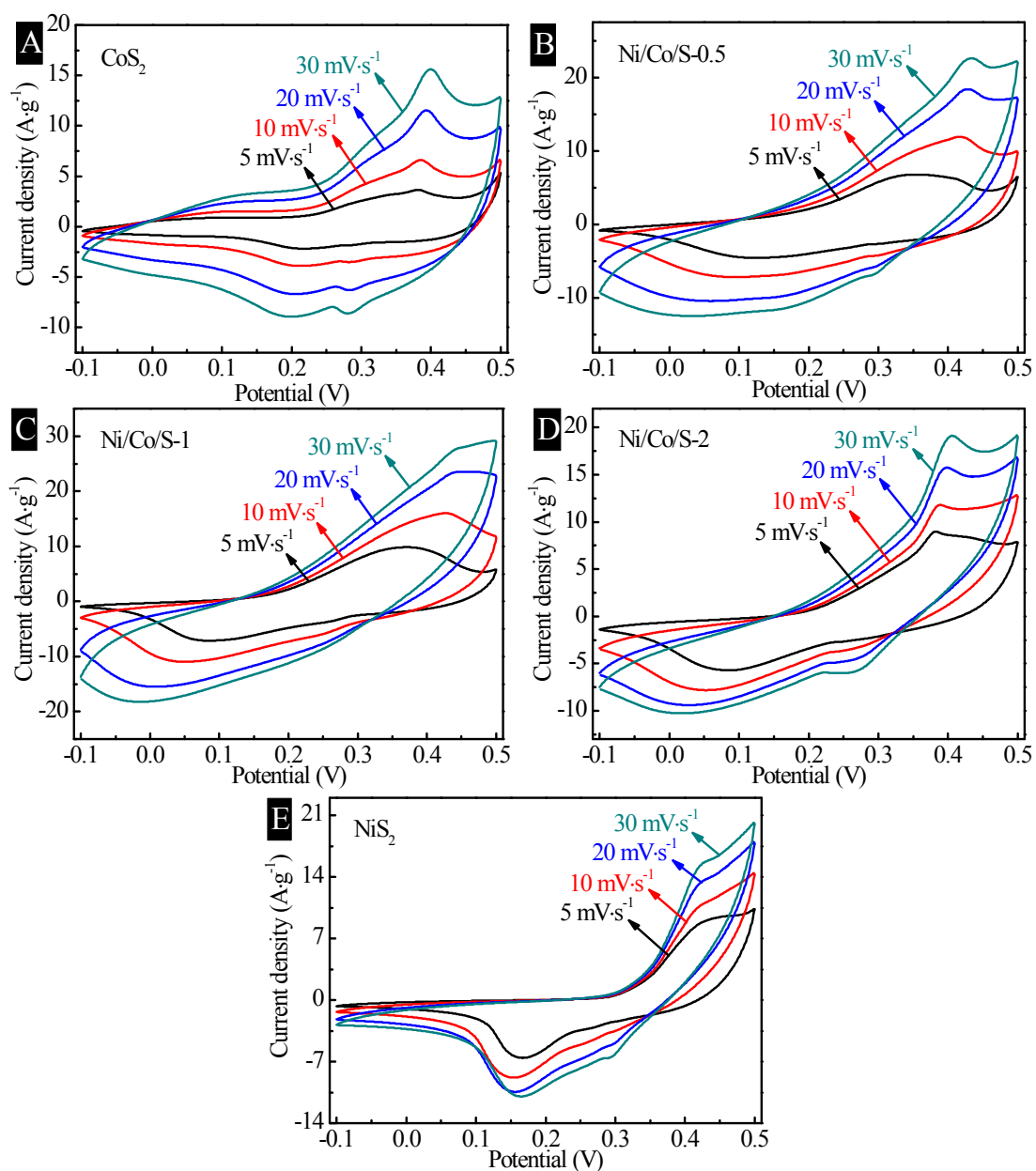


Figure. S2 CV curves of the Ni-Co sulphides at different scan rates: (A) CoS₂, (B) Ni/Co/S-0.5, (C) Ni/Co/S-1, (D) Ni/Co/S-2, (E) NiS₂.

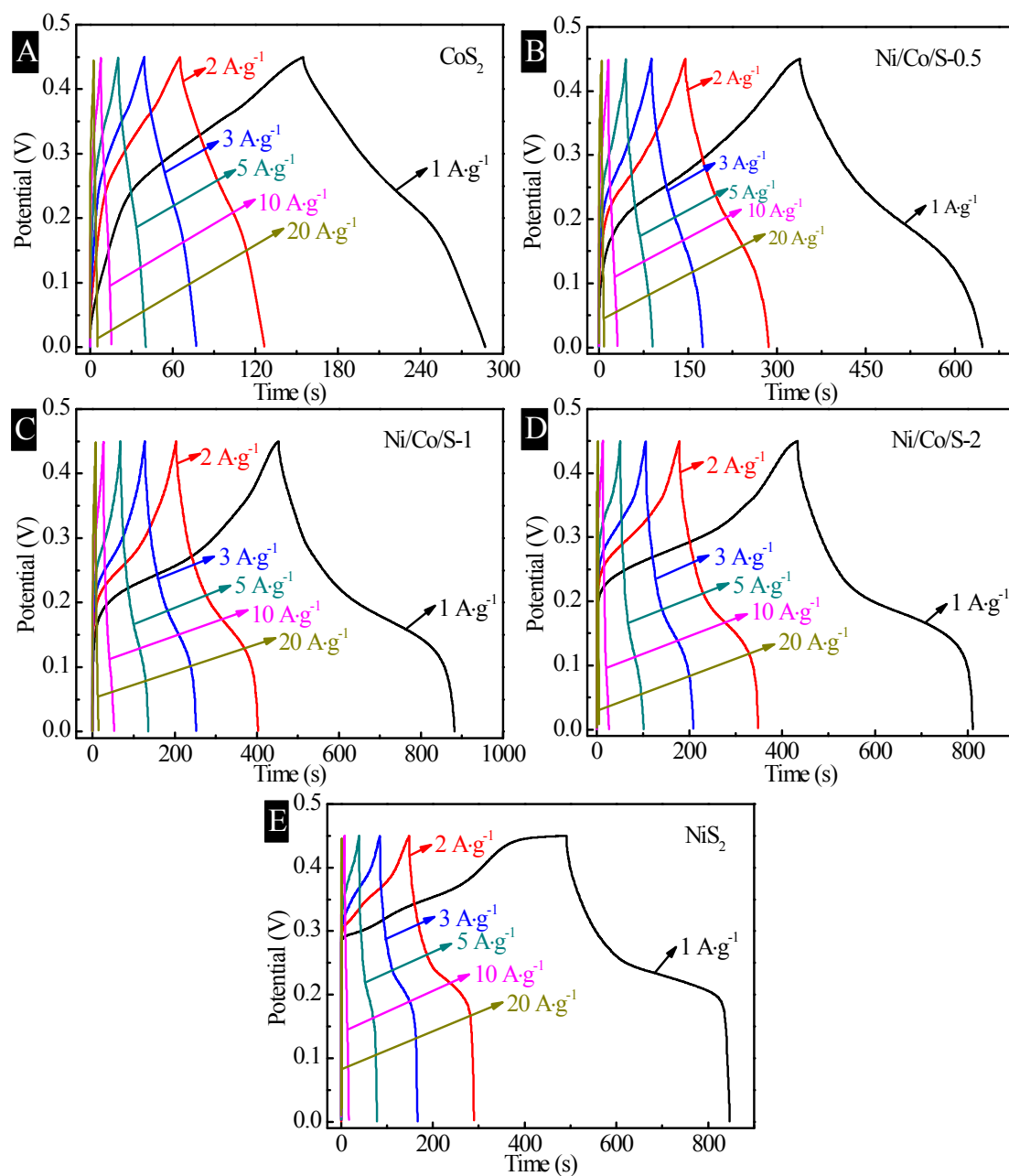


Figure. S3 GCD curves of the Ni-Co sulphides at different current density: (A) CoS_2 , (B) Ni/Co/S-0.5, (C) Ni/Co/S-1, (D) Ni/Co/S-2, (E) NiS_2 .