Cover Sheet of the supporting information

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Supporting Information

Environment-friendly Technology of Recovering Nickel Resource and Producing Nano-Al₂O₃ from Waste Metal Film Resistors

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Figures were listed as follows:



Figure S1. Shearing machine for waste metallic film resistors (Company: Wenling Innovation mechanical equipment manufacturing Co., LTD, China; Capacity: 5 kg/min; Power Rating: 1.3 kW)

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Figure S2. The employed magnetic separator(Company: Fushun Jin Sheng Yu Yi mechanical and electrical equipment manufacturing Co., LTD, China; Capacity: 25 kg/min; Power Rating: 2.75 kW)



Figure S3. Ball milling machine employed to produce nano-Al $_2$ O $_3$ (Company: Changsha Miqi Instrument Equipment Co., LTD, China ; Capacity: 0.41kg/h ; Power Ratings: 0.75 kW)