

Fabrication of CoFe_2O_4 and NiFe_2O_4 nanoporous spheres as promising anodes for high performance lithium-ion batteries

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Table S1. Cycling performance of CoFe_2O_4 and NiFe_2O_4 reported in previous works.

Typical materials	synthetic method	Current density mA g^{-1}	Cycle number	Remaining capacity mAh g^{-1}	Ref.
CoFe_2O_4 fiber/C	elec trospum	100	20	500	1
CoFe_2O_4 mesoporous platelets	reflux extraction	5000	200	480	2
CoFe_2O_4 porous nanosheet	solution-based precipitation	2000	200	648	3
CoFe_2O_4 mesoporous octahedral	sol-gel	5000	3000	380	4
CoFe_2O_4 mesoporous nanowire	hydrothermal	200	150	892	5

CoFe ₂ O ₄ nanoporous nanospheres	solvothermal	200	50	392	6
CoFe ₂ O ₄ hierarchical nanoclusters	hydrothermal	100	100	473	7
CoFe ₂ O ₄ rod	in situ method	100	30	129	8
CoFe ₂ O ₄ octahedral	hydrothermal	100	50	41	9
NiFe ₂ O ₄ nanoparticle	ultrafast pyro-synthesis	1000	100	381	10
NiFe ₂ O ₄ nanofiber	electrospinning	100	40	345	11
NiFe ₂ O ₄ fiber	electrospinning	100	40	220	12
NiFe ₂ O ₄ spheres	hydrothermal	100	50	332	13
NiFe ₂ O ₄ porous nanorod	solvothermal	100	50	460	14
CoFe ₂ O ₄ nanoporous spheres	solvothermal	1000	1000	300	This work
CoFe ₂ O ₄ nanoporous spheres	solvothermal	2000	1000	233	This work
CoFe ₂ O ₄ nanoporous spheres	solvothermal	3000	1000	255	This work
NiFe ₂ O ₄ nanoporous spheres	solvothermal	1000	1000	173	This work

NiFe ₂ O ₄ nanoporous spheres	solvothermal	2000	1000	164	This work
NiFe ₂ O ₄ nanoporous spheres	solvothermal	3000	1000	173	This work

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