

Supporting Information

Fe doped ZnO nanomaterials for Energy Storage application as High-Capacitance Supercapacitor Electrode

Srikanth R. Veerabhadraiah et.al.,

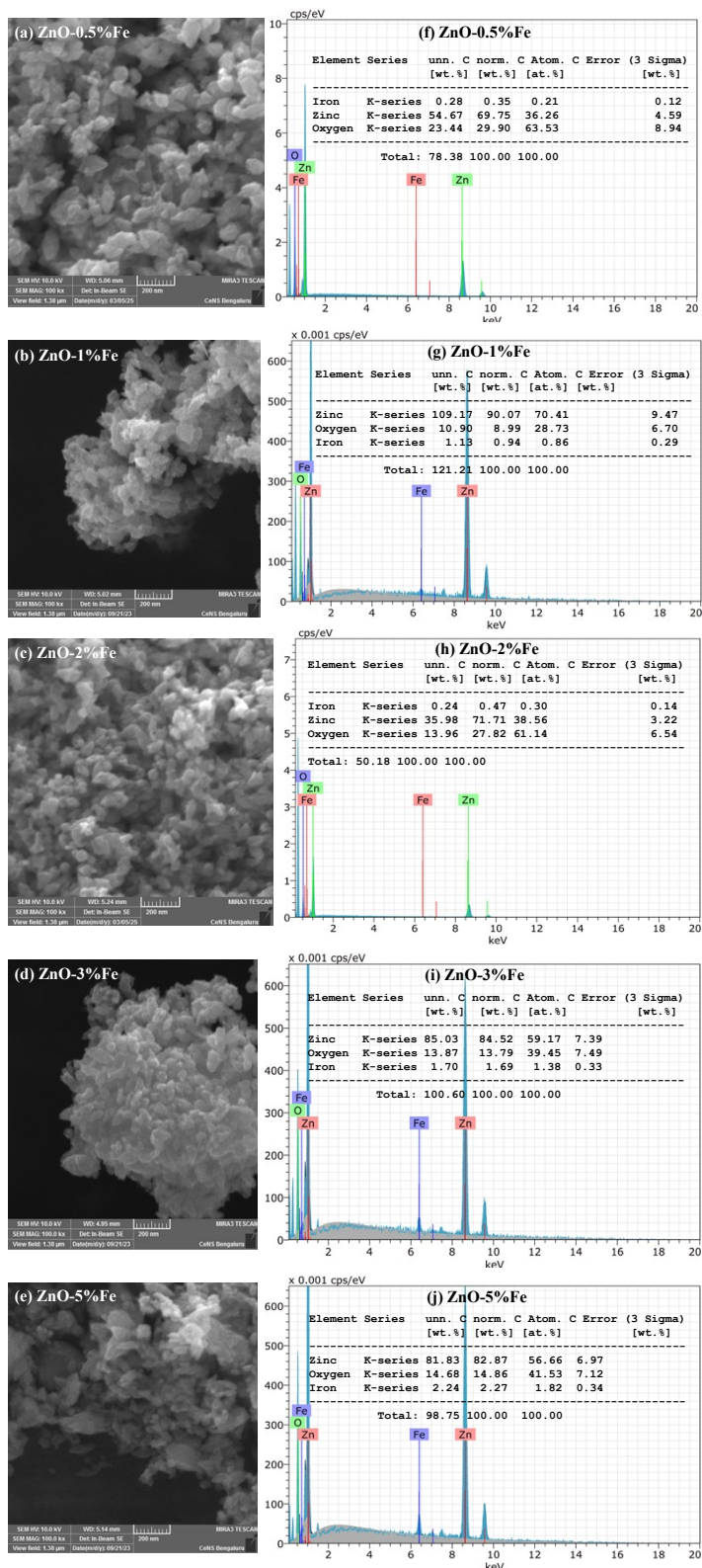


Figure S1: (a to e) FESEM images & (f to j) EDAX profile of ZnO-Fe nanomaterials.

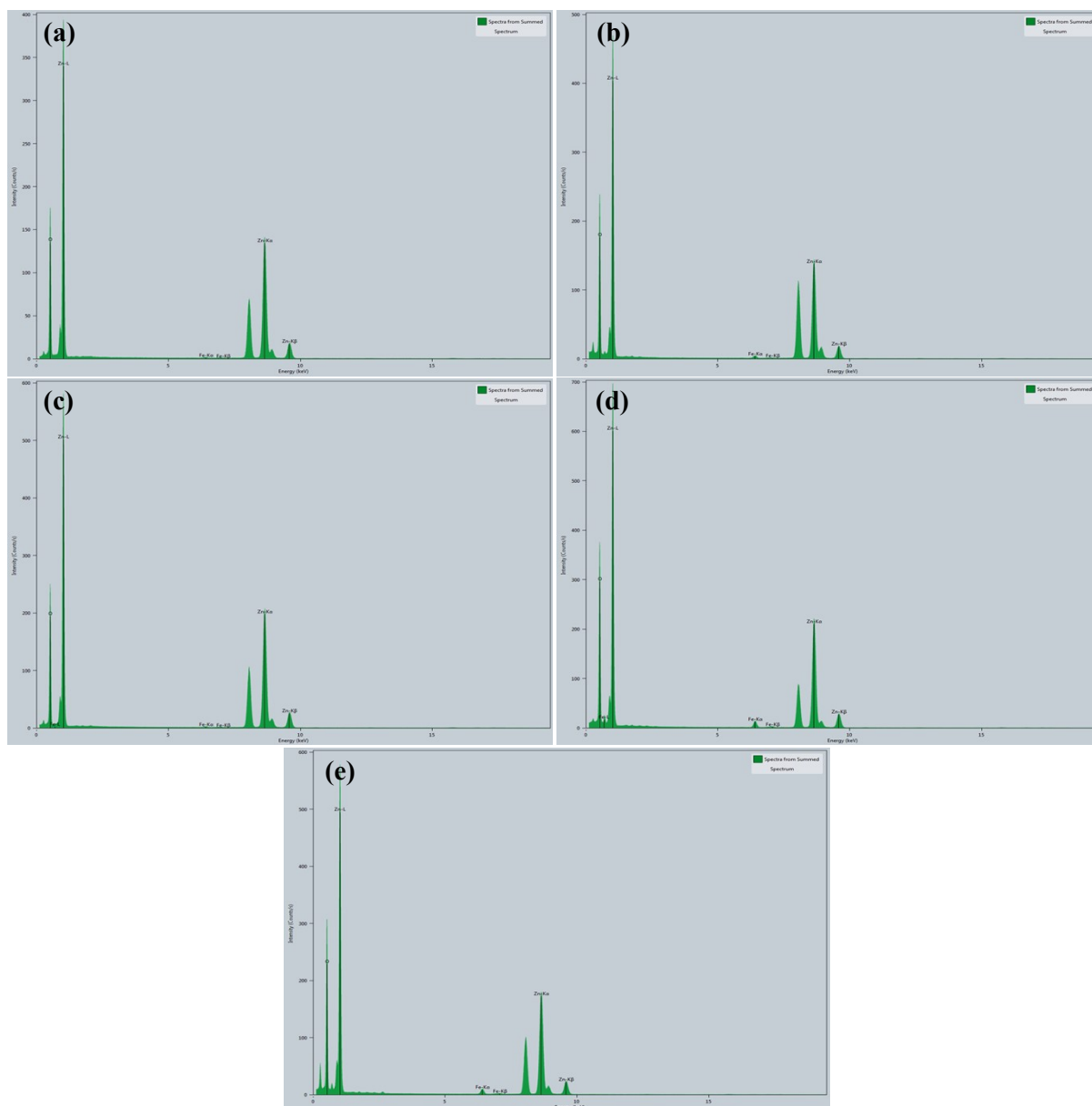


Figure S2: EDS plots (a) ZnO-Fe_{0.5%}, (b) ZnO-Fe_{1.0%}, (c) ZnO-Fe_{2.0%}, (d) ZnO-Fe_{3.0%}, (e) ZnO-Fe_{5.0%} nanomaterials.

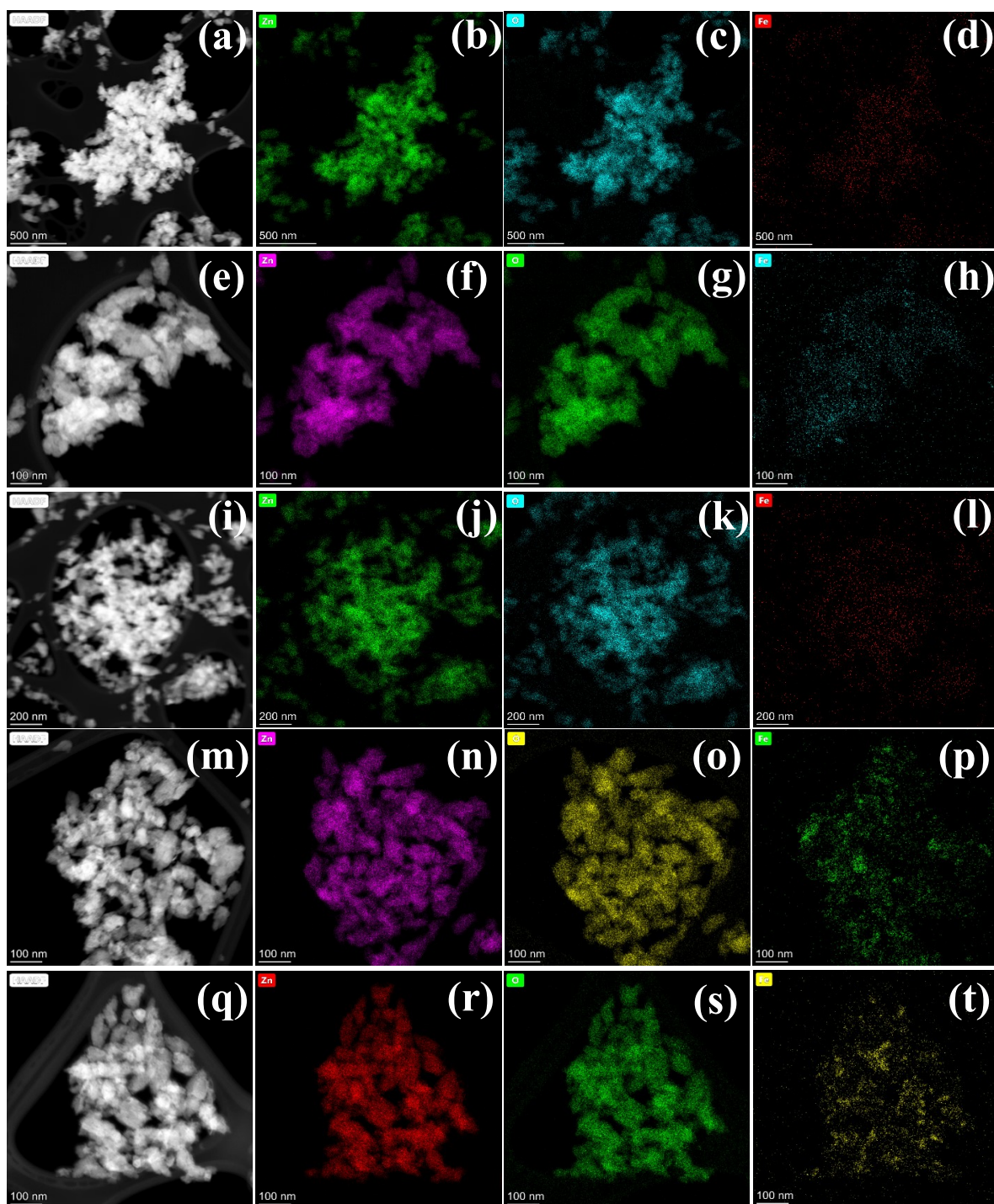


Figure S3: Elemental distribution of (a-d) ZnO-Fe_{0.5%}, (e-h) ZnO-Fe_{1.0%}, (i-l) ZnO-Fe_{2.0%}, (m-p) ZnO-Fe_{3.0%}, (q-t) ZnO-Fe_{5.0%} nanomaterials.

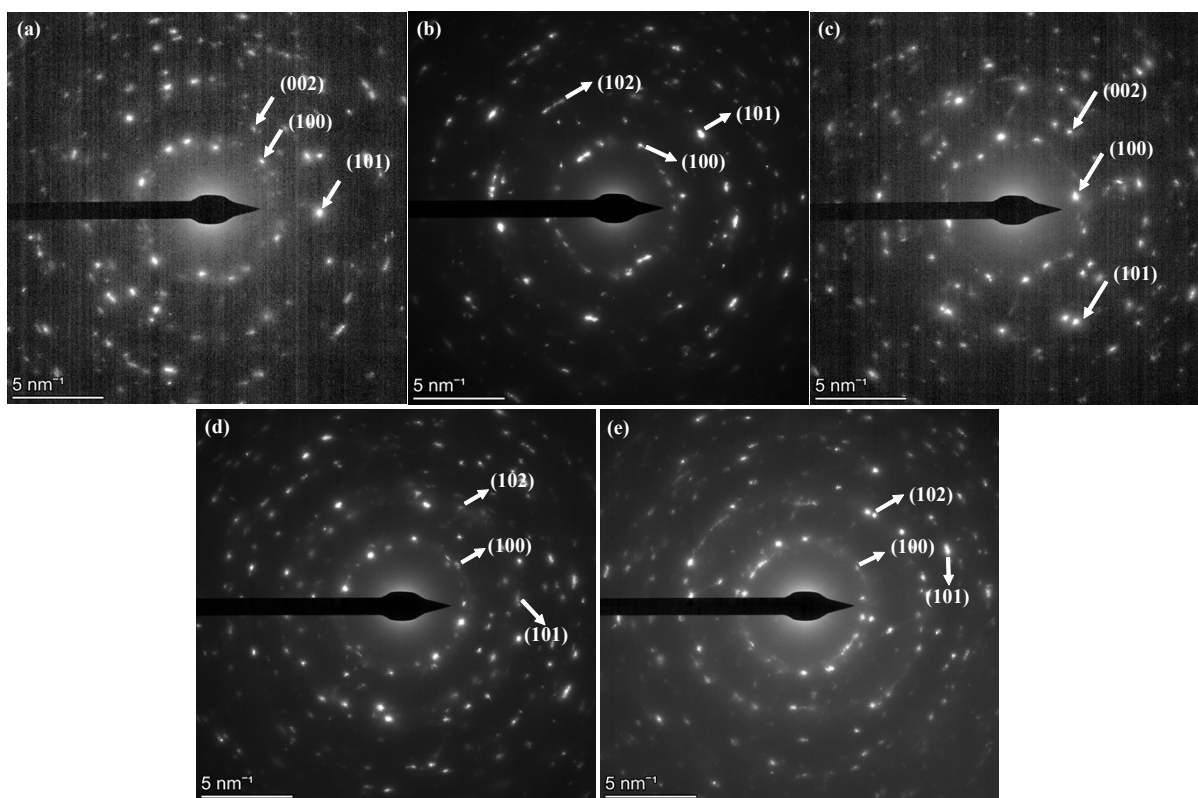


Figure S4: Images depicting the SAED patterns of (a) ZnO-Fe_{0.5%}, (b) ZnO-Fe_{1.0%}, (c) ZnO-Fe_{2.0%}, (d) ZnO-Fe_{3.0%}, (e) ZnO-Fe_{5.0%} nanomaterials.

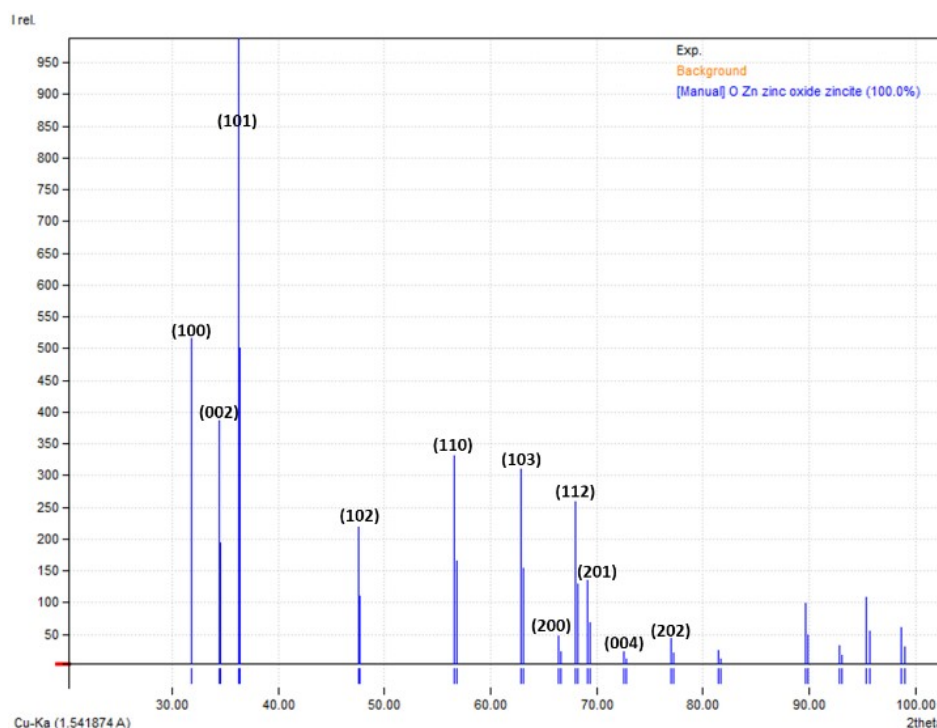


Figure S5: XRD pattern of ZnO (Crystallography Open Database (COD) card no: 2300450; Schreyer, Martin; Guo, Liangfeng; Thirunahari, Satyanarayana; Gao, Feng; Garland, Marc, Simultaneous determination of several crystal structures from powder mixtures: the combination of powder X-ray diffraction, band-target entropy minimization and Rietveld methods, *Journal of Applied Crystallography*, **2014**, 47,2, 659-667).