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Supporting information for article:

Development of dispersive XAFS system for analysis of time-resolved spatial distribution of electrode reaction

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Supplimentary Materials

Development of Dispersive XAFS System for Analysis of Time-Resolved Spatial Distribution of Electrode Reaction

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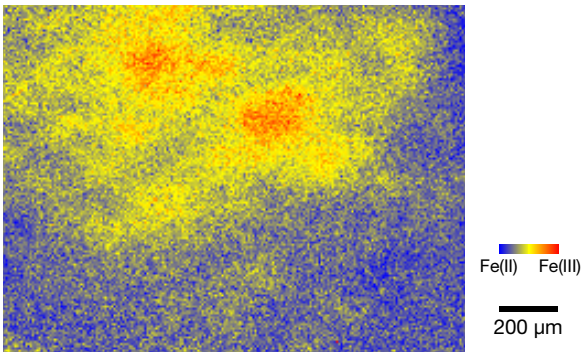

Figure S1. The 2D chemical state map of the $LiFePO_4$ electrode at the 50% charged state. The measurement was performed by the XAFS imaging instrument at BL-4 of the SR Center of Ritsumeikan University.

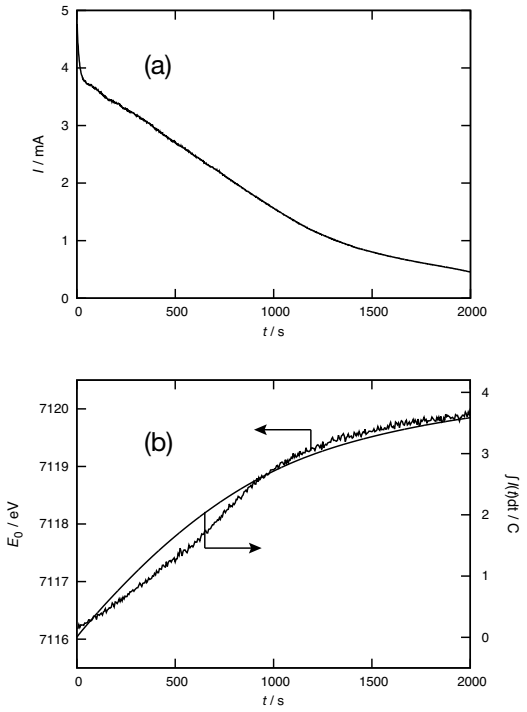

Figure S2. The electrode current for the charging process under the constant voltage of 4.2 V after the rapid potential jump (a) and the comparison between the integrated current and the absorption edge energy averaged in the measurement area (b).