

Enhanced photo degradation of dyes and mixed dyes by heterogeneous mesoporous Co-Fe/Al₂O₃-MCM-41 nanocomposite: nanoparticles formation, semiconductor behaviour and mesoporosity

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Supporting Information

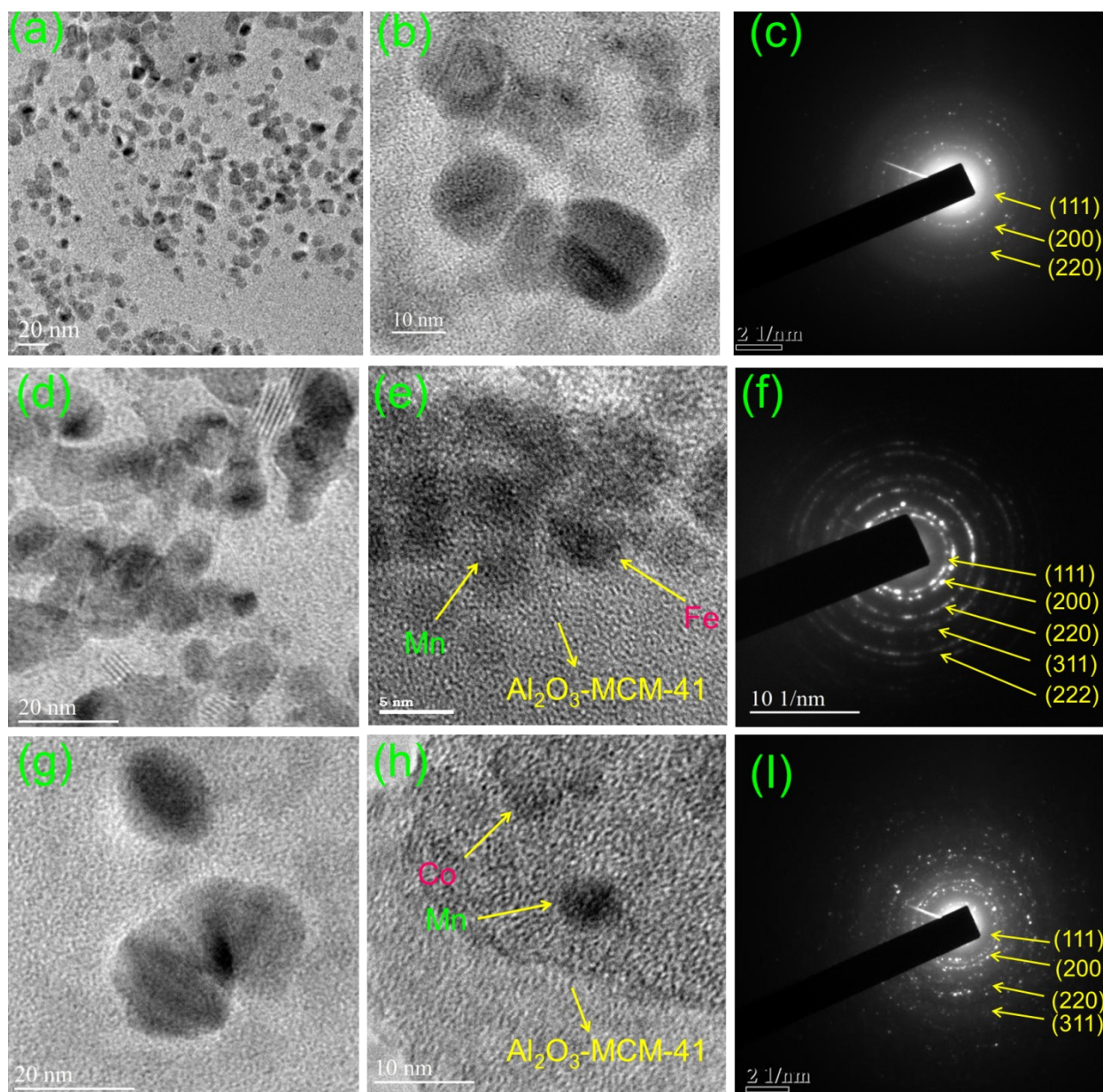


Figure S1 Characteristic micrographs of Mn/Al₂O₃-MCM-41 nanocomposite (a) TEM image, (b) HRTEM image and (c) SAED pattern. The Characteristic images of Fe-Mn/Al₂O₃-MCM-41 nanocomposite (d) TEM image, (e) HRTEM image and (f) SAED pattern. Representative micrographs of Mn-Co/Al₂O₃-MCM-41, (g) TEM image, (h) HRTEM image and (i) SAED pattern.