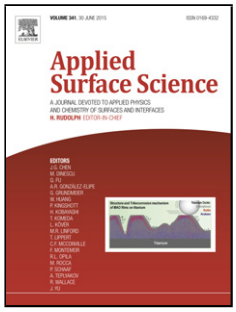

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Surface agglomeration is beneficial for release of magnetic property via research of rare earth (RE) element-substitution

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Graphical abstract

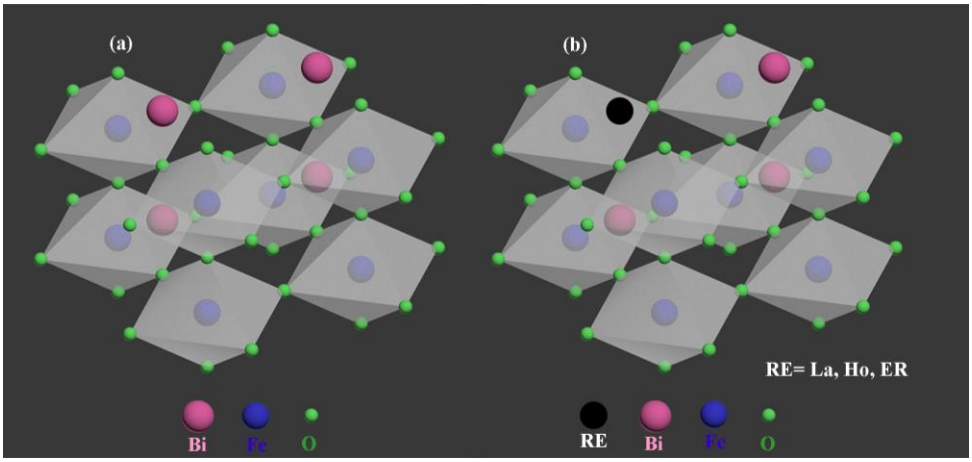

Fig. 1 The simulative images of ions space matching of (a) BFO and RE-subatitution samples.