

Supporting Information

Synthesis and NO_x Sensing Evaluation of Hollow/Porous La_{0.8}Sr_{0.2}MnO₃ Microspheres

Satoshi Suehiro, Hajime Okawa and Seiji Takahashi*

*Japan Fine Ceramics Center (JFCC), Material Research and Development Laboratory
2-4-1 Mutuno, Atsuta-ku, Nagoya 456-8587, Japan*

Email: s_suehiro@jfcc.or.jp

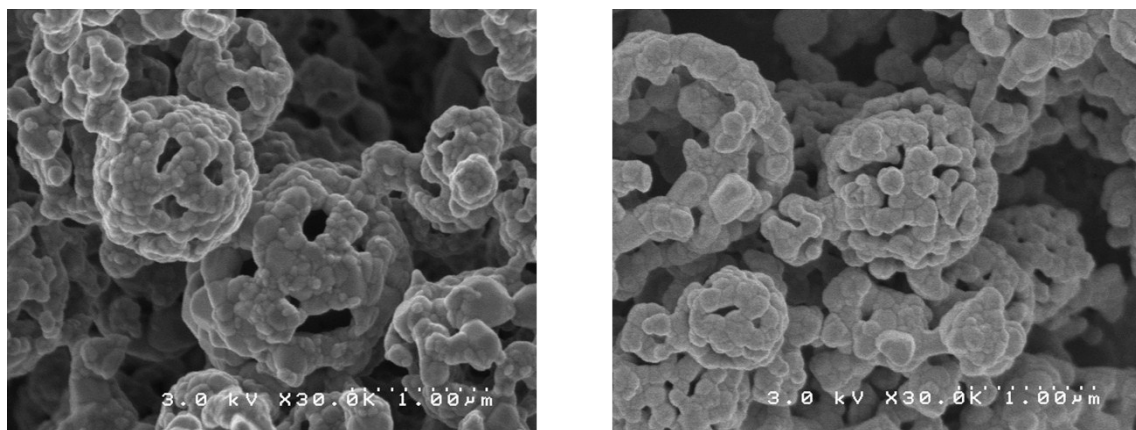


Figure S1 XRD and SEM image of porous hollow $\text{La}_{0.8}\text{Sr}_{0.2}\text{CoO}_3$ (right) and $\text{La}_{0.8}\text{Sr}_{0.2}\text{FeO}_3$ particles (Left).

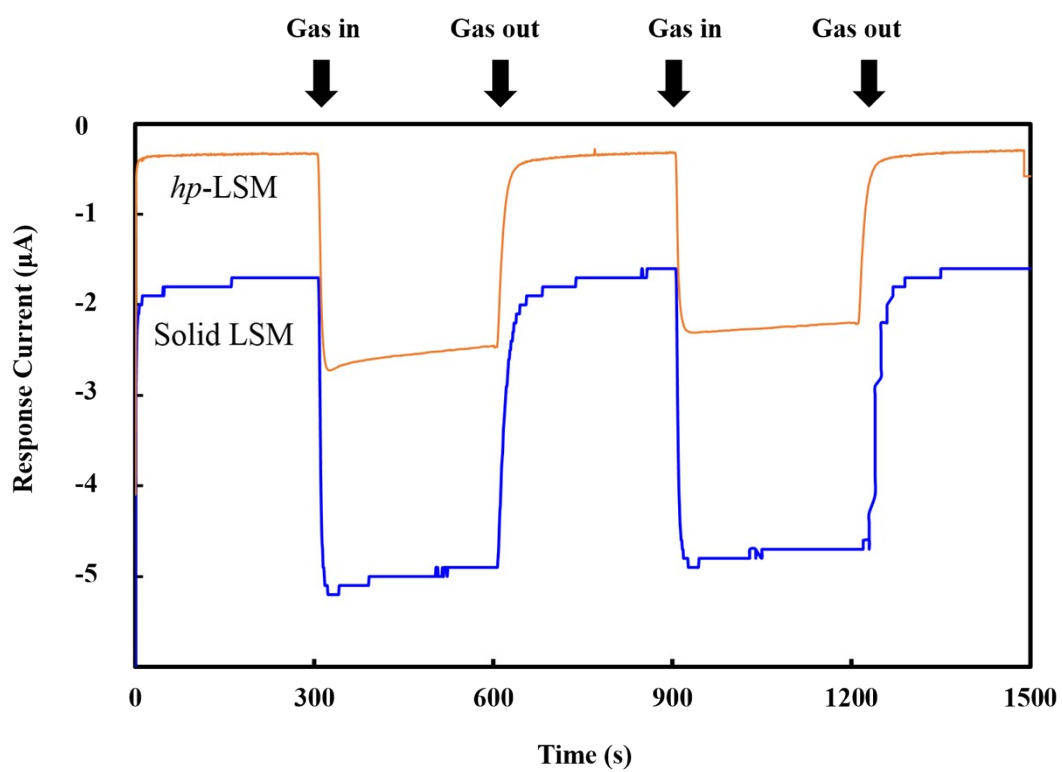


Figure S2 Response transient to 500 ppm nitric oxide (NO) gas of sensors using *hp*-LSM or solid sphere LSM electrodes