

Supplementary Information

Excellent Physicochemical and Sensing Characteristics of Re_xO_y Based pH Sensor at Low Post-deposition Annealing Temperature

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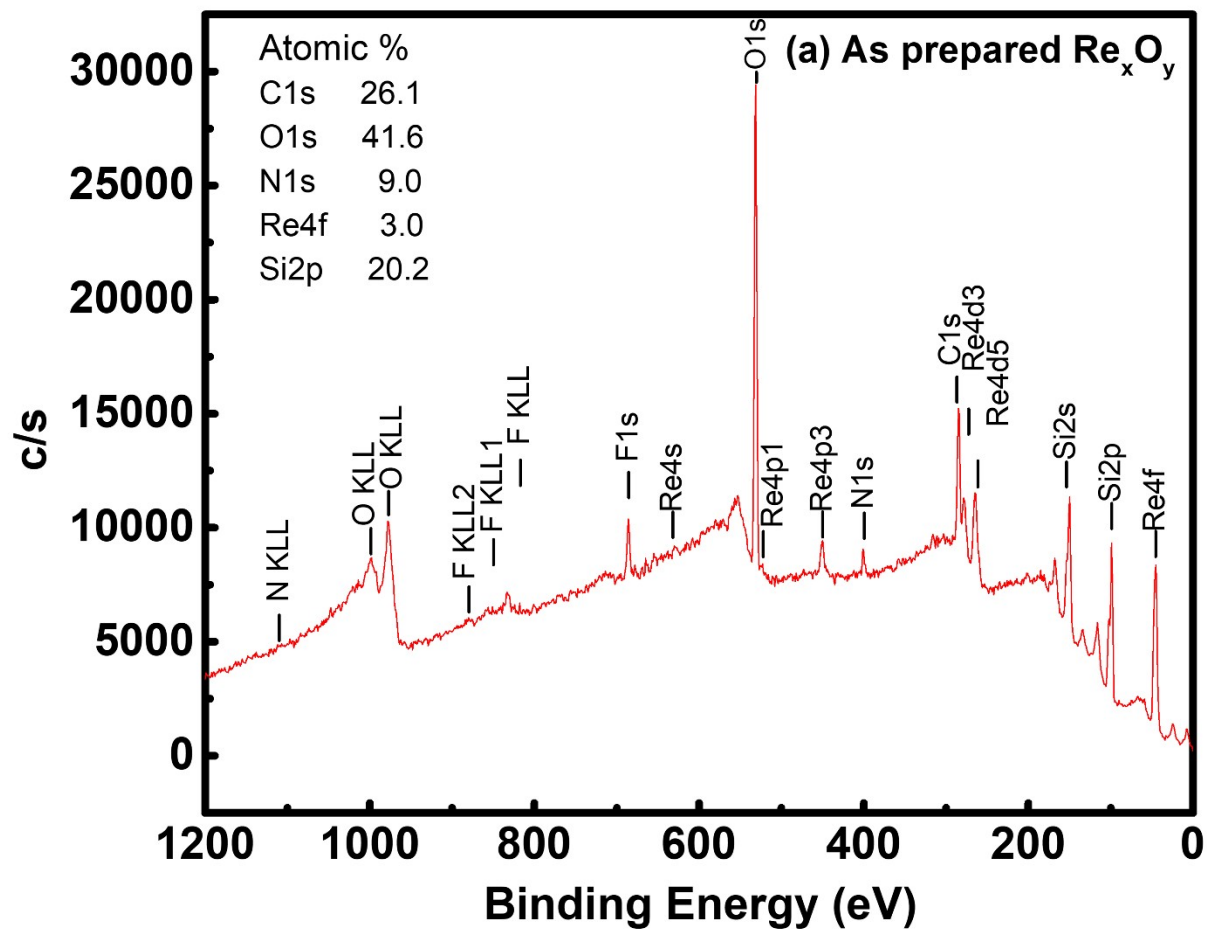
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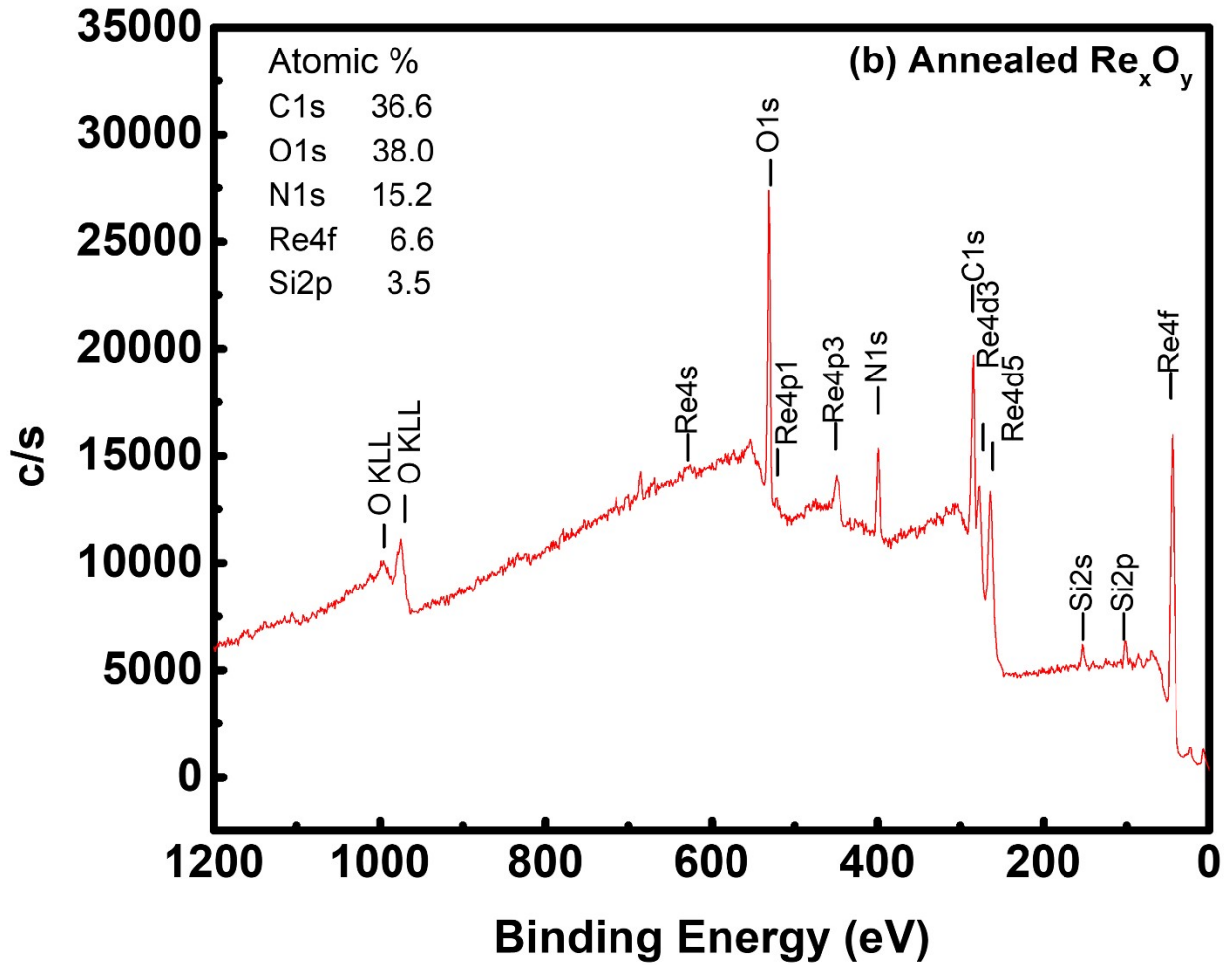


Fig. S1 XPS Survey of (a) as-prepared (b) 220°C annealed Re_xO_y .

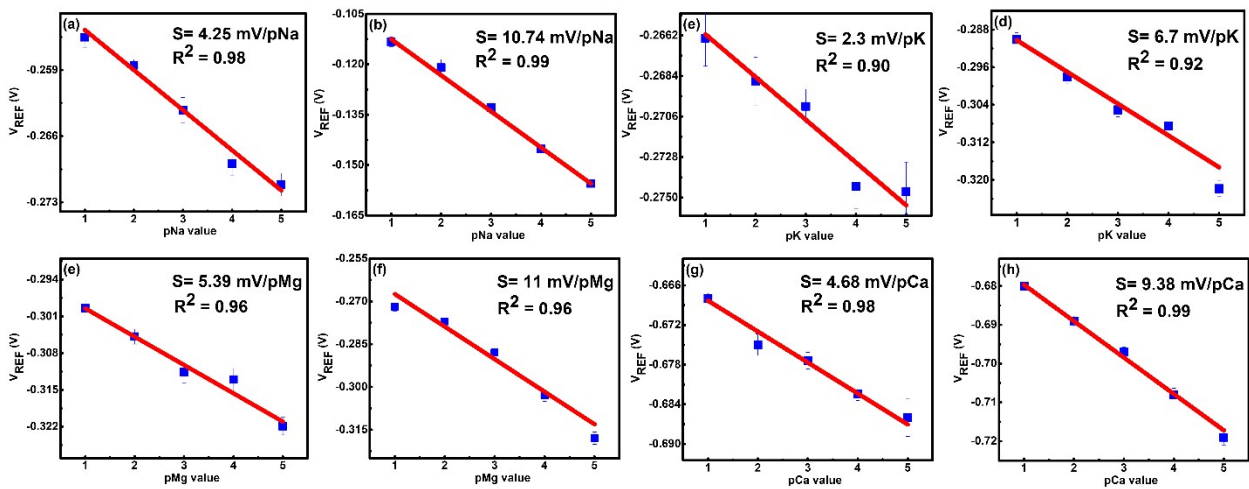


Fig. S2 (a) Na^+ (c) K^+ (e) Mg^{2+} (g) Ca^{2+} sensitivity of as-prepared Re_xO_y , (b) Na^+ (d) K^+ (f) Mg^{2+} (h) Ca^{2+} sensitivity 220°C annealed Re_xO_y .