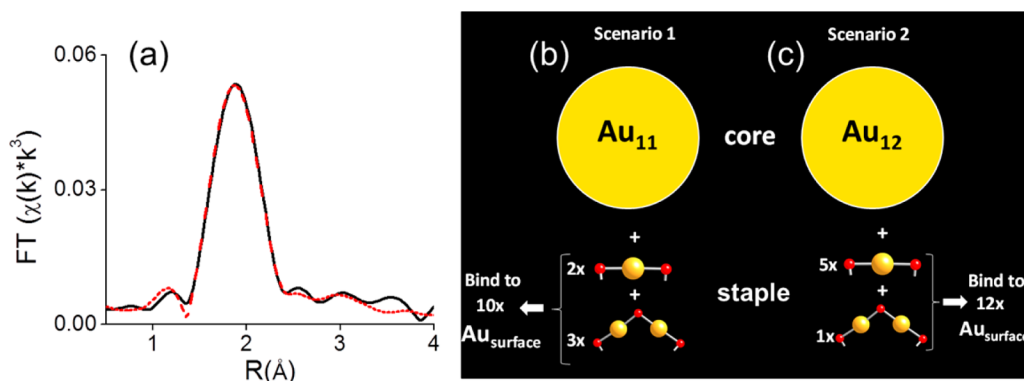


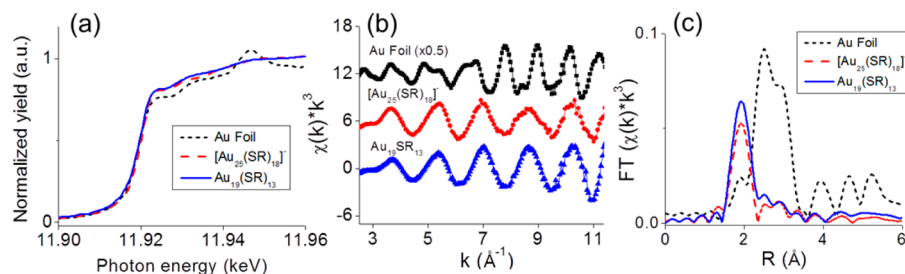
# Correction to “Sensitivity of Structural and Electronic Properties of Gold–Thiolate Nanoclusters to the Atomic Composition: A Comparative X-ray Study of Au<sub>19</sub>(SR)<sub>13</sub> and Au<sub>25</sub>(SR)<sub>18</sub>”

Daniel M. Chevrier, Mark A. MacDonald, Amares Chatt, Peng Zhang,\* Zhikun Wu, and Rongchao Jin  
*J. Phys. Chem. C* **2012**, *116* (47), 25137–25142. DOI: 10.1021/jp309283y

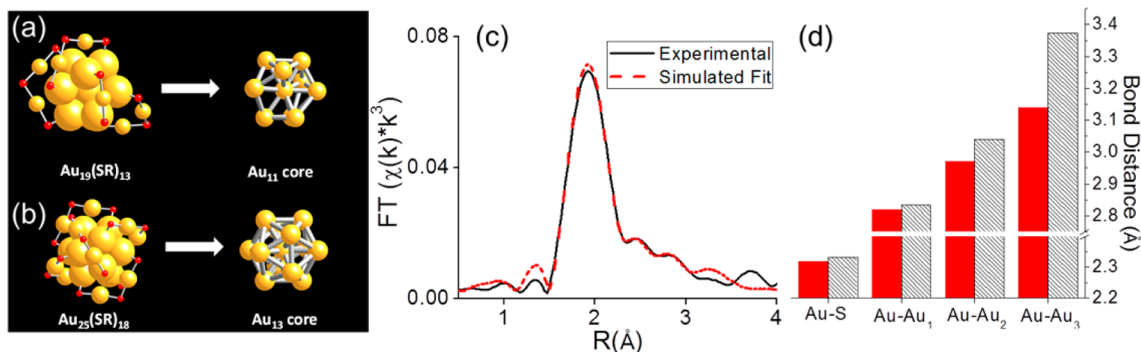
The y-axis labels of Figures 1a, 2b,c, and 3c have been corrected to read  $\chi(k) \cdot k^3$ .



**Figure 1.** (a) Experimental FT-EXAFS of Au<sub>19</sub>(SR)<sub>13</sub> (black line) with simulated two-shell fit (red dotted line). Structural compositions for scenario 1 (b) and scenario 2 (c).



**Figure 2.** (a) XANES comparison of measured Au NCs and Au foil reference at the Au L<sub>3</sub>-edge. (b)  $k$ -Space oscillations of measured Au NCs and Au foil for reference. Spectra are vertically adjusted for comparison. (c) FT-EXAFS of Au NCs and Au foil using a  $k$ -range of 2.5–11.5 Å<sup>-1</sup>.



**Figure 3.** Comparison of Au<sub>19</sub>(SR)<sub>13</sub> (a) and Au<sub>25</sub>(SR)<sub>18</sub> (b) total structure and core structure. Multishell EXAFS fitting of Au<sub>19</sub>(SR)<sub>13</sub> (c). Bond distances are plotted in d for close comparison between NCs, Au<sub>25</sub>(SR)<sub>18</sub> (red) and Au<sub>19</sub>(SR)<sub>13</sub> (black striped).

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