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Correction to "Quantitative study of the energy changes in voltage-controlled spin crossover molecular thin films" [*The Journal of Physical Chemistry Letters* (2020) 11:19 (8231-8237) DOI: 10.1021/acs.jpcclett.0c02209]

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Aaron Mosey, Ashley S. Dale, Guanhua Hao,
Alpha N'Diaye, Peter A. Dowben, and Ruihua Cheng

Correction to

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In our recent publication, Figure 5 was published without adequate due diligence. The correct TOC Abstract graphic and Figure 5 are contained here in this correction. The correct on to off current ratios are in the range of 4 to 5, not 100 and the signal to noise ratios are far less than previously shown.

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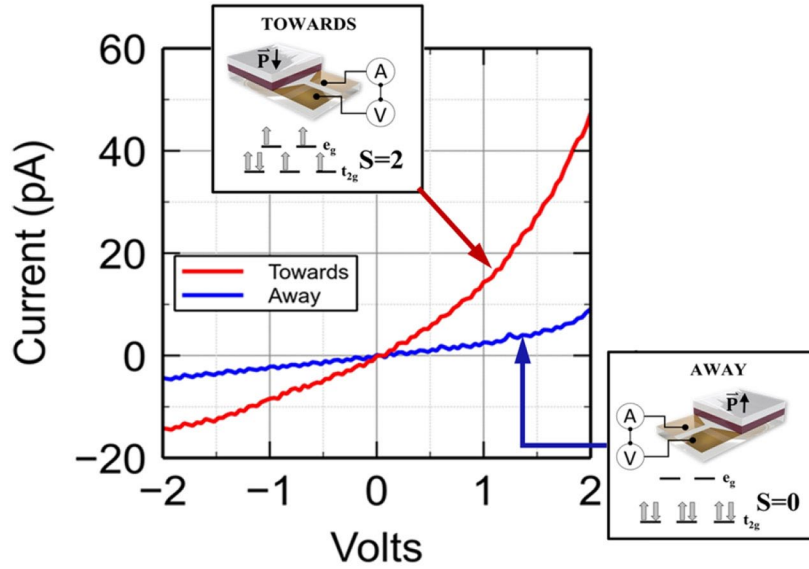


Figure 5. Change in conductance observed with different ferroelectric polarization directions. Transport measurements were taken across a device with the ferroelectric layer adjacent to the SCO layer. Polarizing the ferroelectric toward the $[\text{Fe}\{\text{H}_2\text{B}(\text{pz})_2\}_2(\text{bipy})]$ layer results in HS $S = 2$, and a larger conductance. Polarization of the ferroelectric away from the $[\text{Fe}\{\text{H}_2\text{B}(\text{pz})_2\}_2(\text{bipy})]$ layer gives the LS $S = 0$ state and lower conductance. Device type 3 is schematically illustrated.

