

Correction to "Quantitative Study of the Energy Changes in Voltage-Controlled Spin Crossover Molecular Thin Films"

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

J. Phys. Chem. Lett. **2020**, *11*, 19, 8231–8237. DOI: [10.1021/acs.jpclett.0c02209](https://doi.org/10.1021/acs.jpclett.0c02209)



Cite This: *J. Phys. Chem. Lett.* **2021**, *12*, 2463–2463



Read Online

ACCESS |



Metrics & More



Article Recommendations

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.

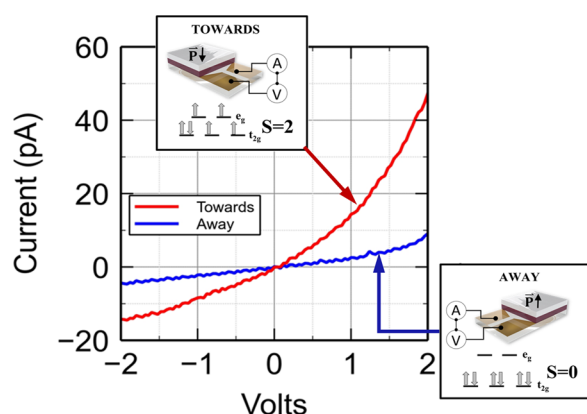
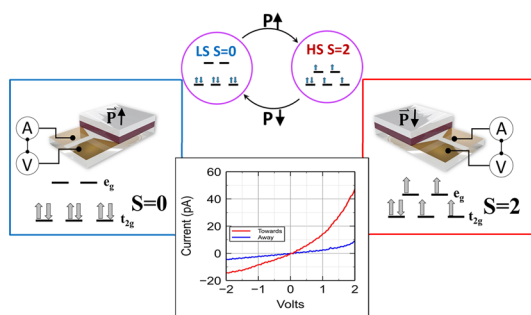


Figure 5. Change in conductance observed with different ferroelectric polarization directions. Transport measurements were taken across a device with the ferroelectric layer adjacent to the SCO layer. Polarizing the ferroelectric toward the $[\text{Fe}\{\text{H}_2\text{B}(\text{pz})_2\}_2(\text{bipy})]$ 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.



Published: March 4, 2021

