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# Author Correction: Gate Tuning of Synaptic Functions Based on Oxygen Vacancy Distribution Control in Four-Terminal $\text{TiO}_{2-x}$ Memristive Devices

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This Article contains errors in the Results section.

“Each  $I$ - $V$  curve clearly exhibits hysteresis, indicating RS from LRS to HRS for positive sweeps and HRS to LRS for negative sweeps. The current value gradually decreased through repeated  $V_1$  sweeping in which the sweep rate was decreased step by step. The resistance gradually increased (decreased), showing multilevel values as the  $V_1$  sweeping process was repeated.”

should read:

“Each  $I$ - $V$  curve clearly exhibits hysteresis, indicating RS from LRS to HRS for positive sweeps and HRS to LRS for negative sweeps. The current value gradually decreased (increased) through repeated  $V_1$  sweeping in which the sweep rate was decreased step by step. The resistance gradually increased (decreased), showing multilevel values as the  $V_1$  sweeping process was repeated.”



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