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Author Correction: Correction-free force calibration for magnetic tweezers experiments

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Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-018-34360-4>, published online 29 October 2018

The original version of this Article contained errors in the Abstract.

“By significantly reducing τ_{sh} to at least 4-fold the characteristic times of the tethered magnetic bead, we accurately evaluated the variance of the magnetic bead position along the axis parallel to the magnetic field, estimating the force with a relative error of $\sim 10\%$ (standard deviation), being only limited by the bead-to-bead difference.”

now reads:

“By significantly reducing τ_{sh} to at most $1/4$ the characteristic time of the tethered magnetic bead, we accurately evaluated the variance of the magnetic bead position along the axis parallel to the magnetic field, estimating the force with a relative error of $\sim 10\%$ (standard deviation), being only limited by the bead-to-bead difference.”

These errors have now been corrected in the PDF and HTML versions of the Article.



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