

Retraction Note: Intrinsically unidirectional chemically fuelled rotary molecular motors

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 Check for updates

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The authors have retracted this article because they identified a potential problem with one of the claims: that the molecular motor operates autonomously, if defined as non-interference at all, under the conditions reported. Upon carrying out further follow-up experiments, it has been discovered that the system turns out to be very sensitive to the pH change during fuel consumption. In fact, over time the solution becomes basic and this precludes an autonomous chemically driven rotary cycle, without interference at all by adding some acid after each cyclization step. Ke Mo, Yu Zhang, Zheng Dong, Xiaoqiang Ma, Ben Feringa & Depeng Zhao agree to this retraction, Yuhang Yang has not responded to any correspondence from the editor/publisher about this retraction.

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