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Towards an ab-axis giant proximity effect using ionic liquid gating

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Towards an ab-axis giant proximity effect using ionic liquid gating

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List of Publications

1. A. Kumar, R. Heimbuch, K. S. Wimbush, H. Atesci, A. Acun, K. Wimbush, H. J. W. Zandvliet, *Electron-Induced Dynamics of Heptathioether β -Cyclodextrin Molecules*, *Small* **8**, 317-322 (2012).
2. R. Heimbuch, H. Atesci, I. Slootheer, H. J. W. Zandvliet, *Electronic end-states in platinum atom chains*, *Surface Science* **644**, 91-94 (2016).
3. H. Atesci, F. Coneri, M. Leeuwenhoek, J. W. M. Hilgenkamp, J. M. van Ruitenbeek, *On the nature of ionic liquid gating of $Nd_{2-x}Ce_xCuO_4$ thin films*, *Low Temperature Physics* **43**, 290 (2017).
4. H. Atesci, F. Coneri, M. Leeuwenhoek, J. Bommer, J. R. T. Seddon, J. W. M. Hilgenkamp, J. M. van Ruitenbeek, *On the formation of a conducting surface channel by ionic liquid gating of an insulator*, accepted for publication in *Ann. Phys.* (Berlin).
5. H. Atesci, W. Gelling, F. Coneri, J. W. M. Hilgenkamp, J. M. van Ruitenbeek, *On the nature of ionic liquid gating of $La_{2-x}Sr_xCuO_4$* , *International Journal of Molecular Sciences* **19**, 566 (2018).
6. H. Atesci, J. W. M. Hilgenkamp, J. M. van Ruitenbeek, *Towards an ab-axis giant proximity effect using ionic liquid gating and etched bilayers*, to be submitted.

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