

Competition of van der Waals and chemical forces on gold-sulfur surfaces and nanoparticles

Jeffrey R. Reimers^{1,2}, *Michael J. Ford*², *Sebastian M. Marcuccio*^{3,4}, *Jens Ulstrup*⁵, and *Noel S. Hush*^{6,7}

¹ International Centre for Quantum and Molecular Structures, College of Sciences, Shanghai University, Shanghai 200444, China.

² School of Mathematical and Physical Sciences, The University of Technology Sydney, Sydney NSW 2007 Australia.

³ Department of Chemistry and Physics, La Trobe Institute for Molecular Science, La Trobe University, Melbourne, Victoria 3086, Australia.

⁴ Advanced Molecular Technologies Pty Ltd, Unit 1, 7-11 Rocco Drive Scoresby, Vic. 3179, Australia.

⁵ Department of Chemistry, Technical University of Denmark, Kongens Lyngby 2800, Denmark.

⁶ School of Chemistry F11, The University of Sydney, NSW 2006 Australia.

⁷ School of Molecular Bioscience, The University of Sydney, NSW 2006 Australia.

Nature Reviews Chemistry **1**, 0017 (2017)

Errors existed in the originally published version of figure 5 in this Review. Thiolate RS^- , generated from thiol RSH and $NaBH_4$, reacts with $HAuCl_2$ to afford Au(i) thiolates. Au(0) thiyls can form on treating Au metal with RSH or $RSSR$, or from a mixture containing $HAuCl_2$, $RSSR$ and acid. The amended figure 5 appears in both the HTML and PDF versions.