

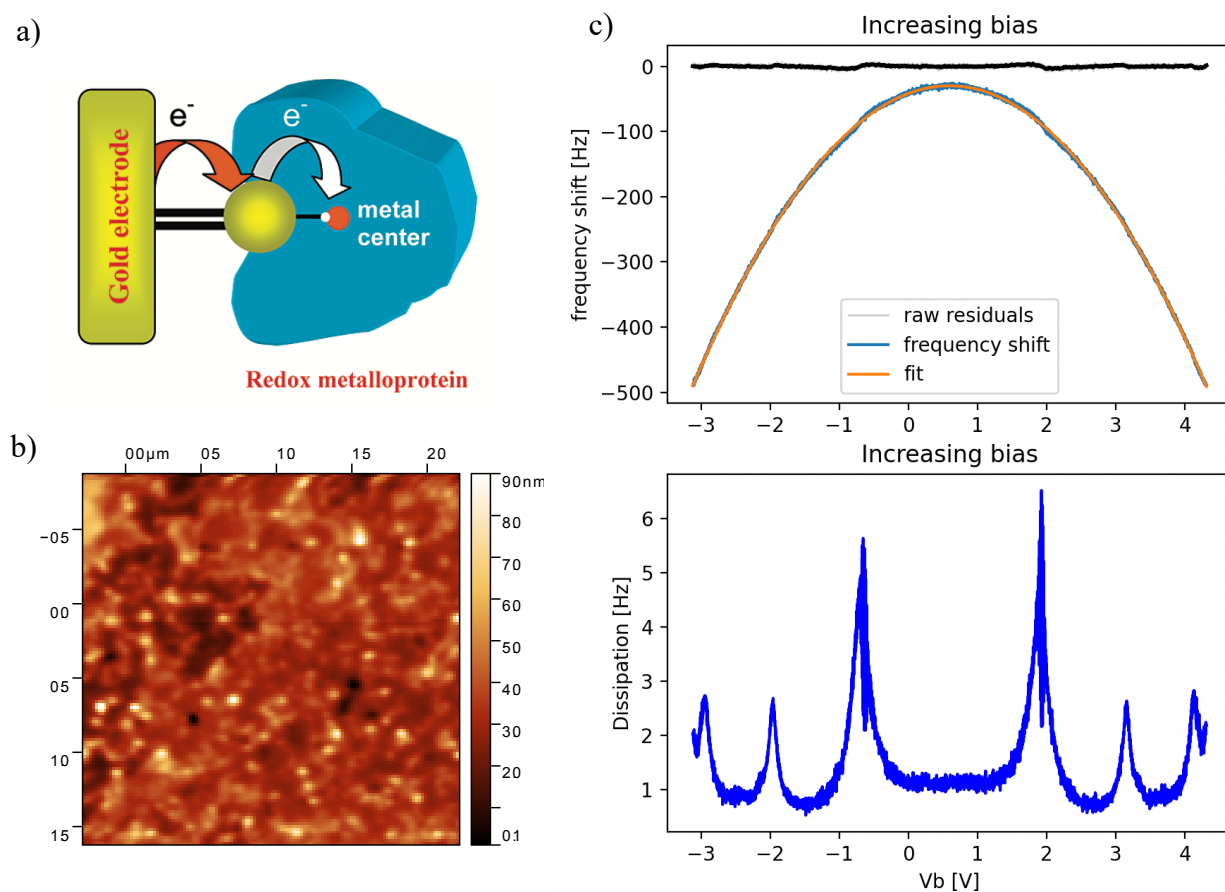


Figure: (a) Schematic of the metalloenzyme-AuNP-SAM-electrode architecture, where the metalloenzyme is electrically connected to the gold back electrode through a functionalized 1.6 nm gold nanoparticle (AuNP); (b) AFM topography image of the AuNP-SAM-gold electrode system measured at 77 K; (c) Frequency shift and dissipation bias spectroscopy acquired on the AuNP-SAM-gold electrode system at 4 K, showing sharp localized Coulomb blockade features.

References

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