## Elucidating the Role of Functional Groups of Ligands for Selective Metal Blocking via Vapor-Phase SAM Deposition

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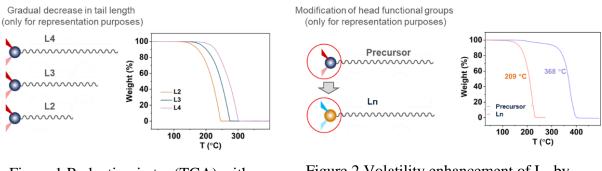


Figure 1 Reduction in  $t_{1/2}$  (TGA) with gradual decrease in the tail length of L4

Figure 2 Volatility enhancement of  $L_n$  by modifying the head-group

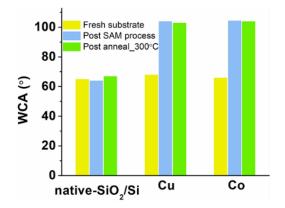


Figure 3 Water contact angle of fresh substrates, post  $L_n$  SAM growth, and after annealing the samples at 300  $^\circ C$ 

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