

# Theoretical Study on Tuning Band Gap and Electronic Properties of Atomically Thin Nanostructured MoS<sub>2</sub>/Metal Cluster Heterostructures

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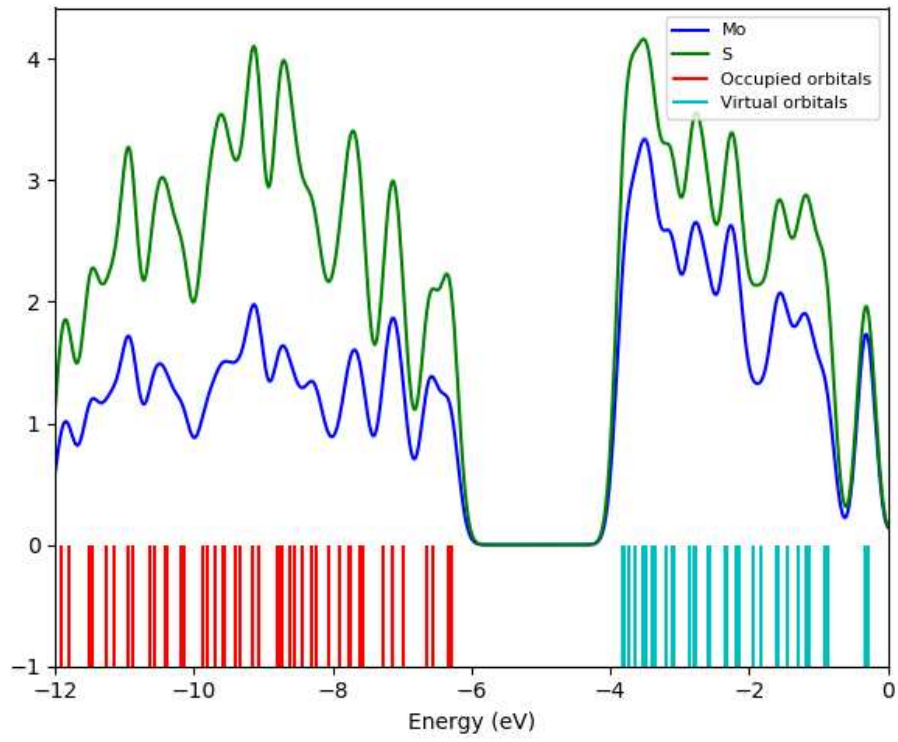


Figure 1: Density of states (DOS) of MoS<sub>2</sub>.

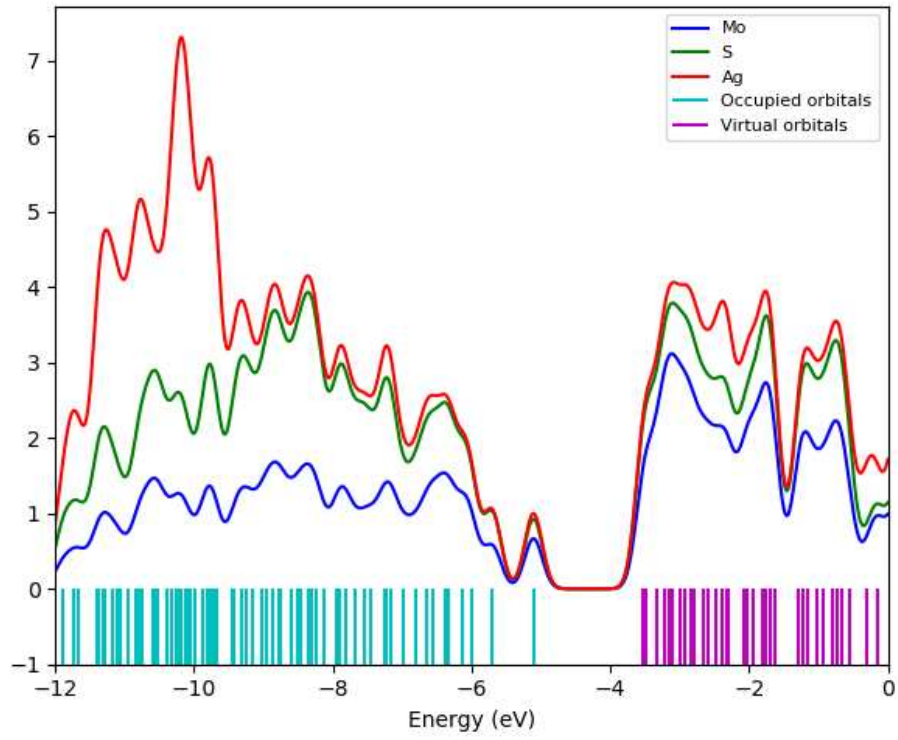


Figure 2: Density of states (DOS) of Silver/MoS<sub>2</sub>.

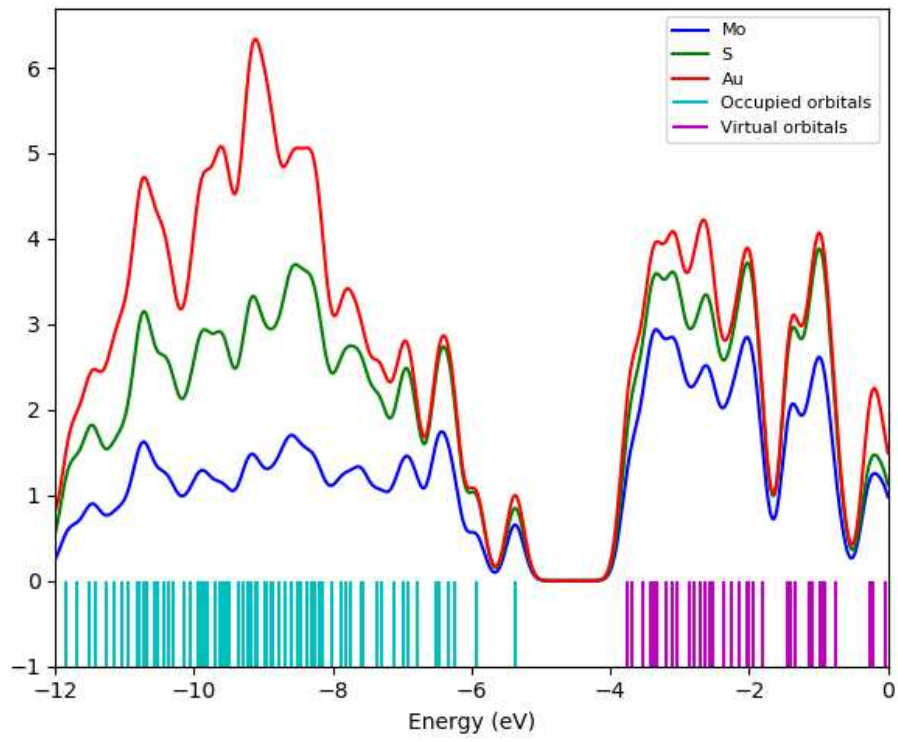


Figure 3: Density of states (DOS) of Gold/MoS<sub>2</sub>.