

# First principles investigation of CO and CO<sub>2</sub> adsorption on graphene nanoribbon modified by ZrO<sub>x</sub>

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## Item type

Journal Contribution

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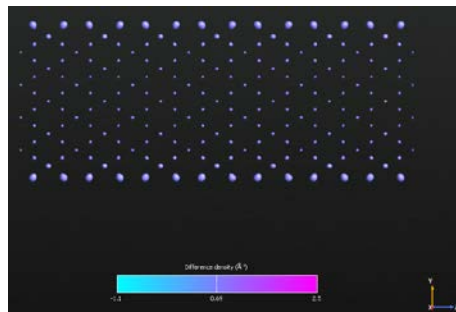
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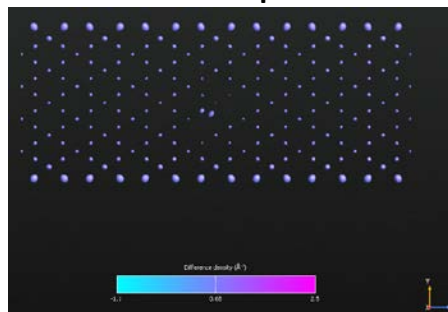
2023-11-01

GNR

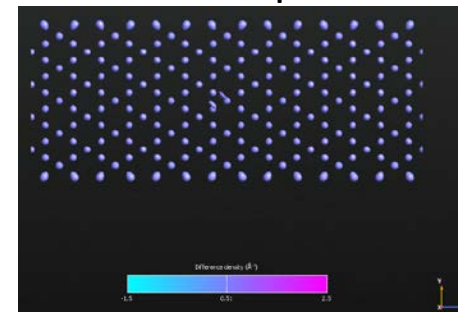
Pristine



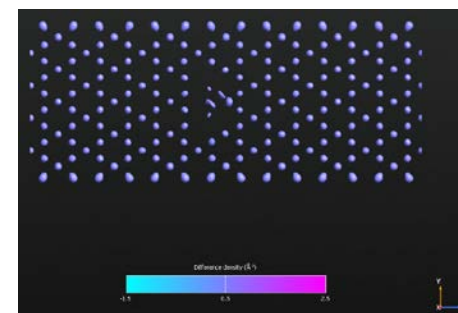
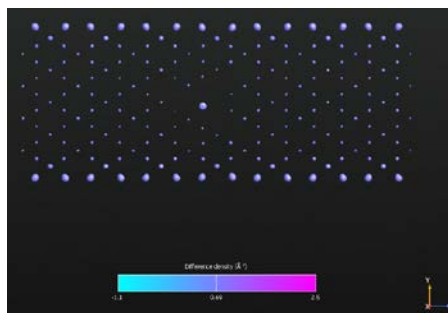
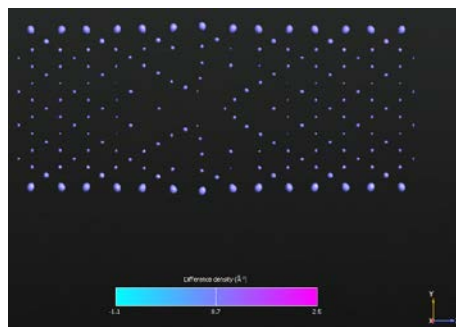
CO adsorption



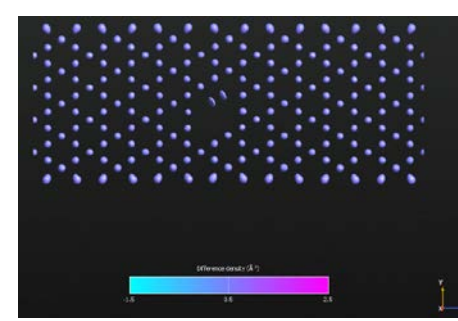
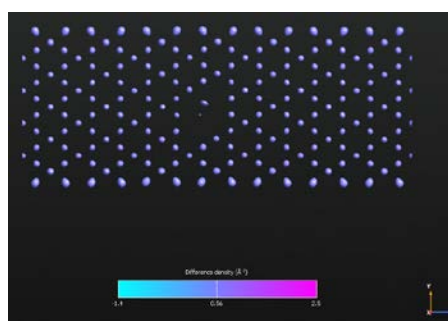
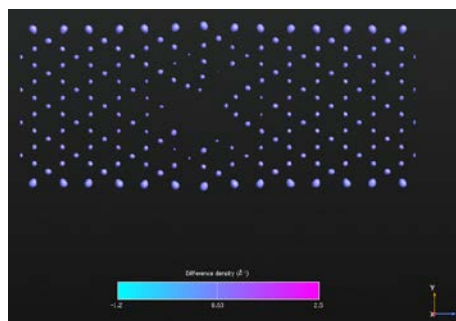
CO<sub>2</sub> adsorption



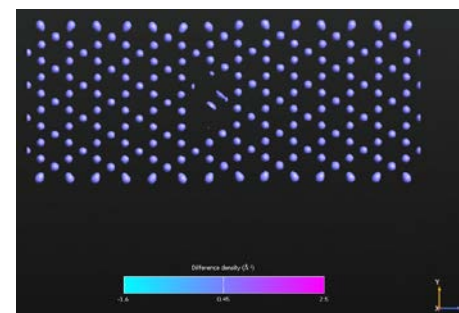
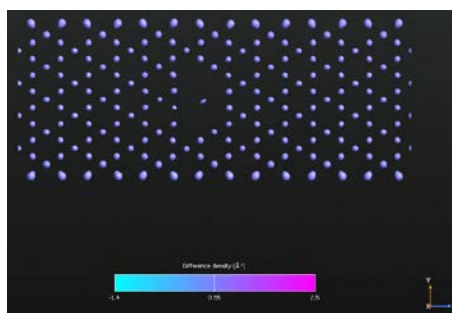
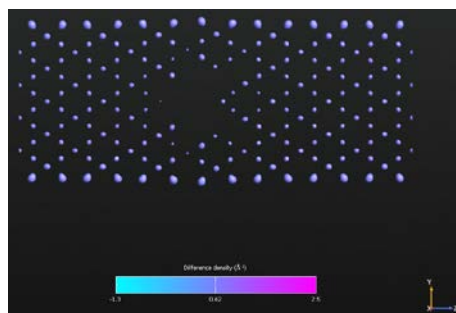
Zr+GNR



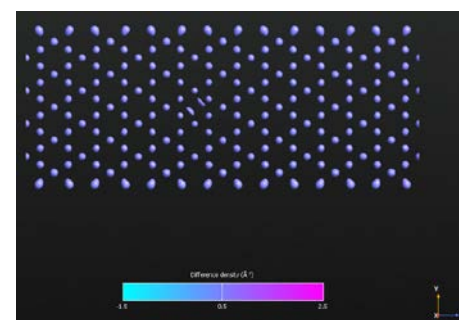
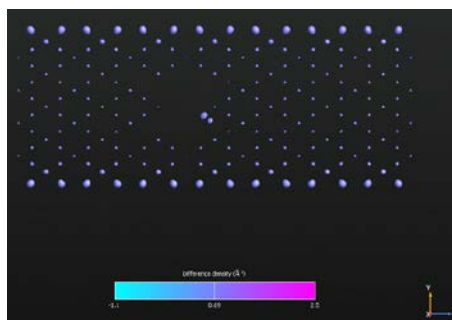
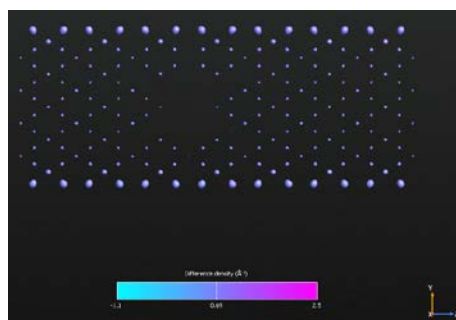
ZrO+GNR



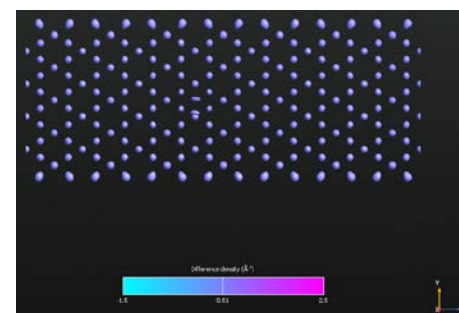
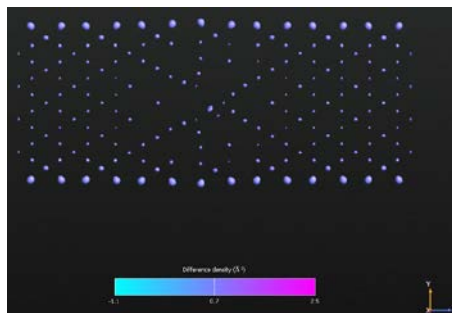
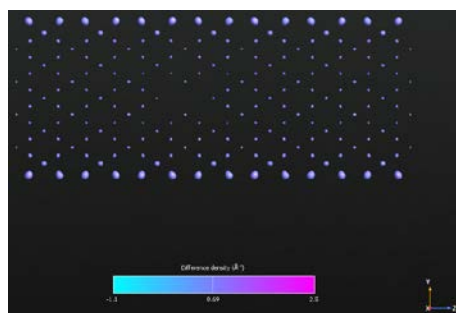
**ZrO<sub>2</sub>+GNR**



**Zr on GNR**



**ZrO on GNR**



**ZrO<sub>2</sub> on  
GNR**

