## Accepted Manuscript

Title: Size effect on the magnetic and electronic properties of the monolayer lateral hetero-structure  $WS_2$ -MoS<sub>2</sub> nanoribbon

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### ACCEPTED MANUSCRIPT

## Size effect on the magnetic and electronic properties of the monolayer lateral $% \left( 1\right) =\left( 1\right) \left( 1\right) \left($

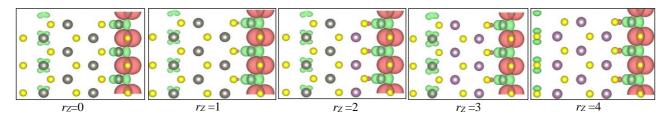
#### hetero-structure WS2-MoS2 nanoribbon

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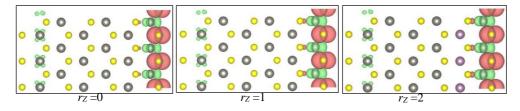
#### **Graphical abstract**

(a) 2-ZZ-WS<sub>2</sub>-MoS<sub>2</sub>-NR- $r_z$ 

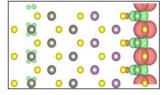
(b)  $4-ZZ-WS_2-MoS_2-NR-r_z$ 



(c) 6-ZZ-WS<sub>2</sub>-MoS<sub>2</sub>-NR- $r_z$ 



 $r_Z = 3$ 



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