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# Highly efficient single atom cobalt catalyst for selective oxidation of alcohols

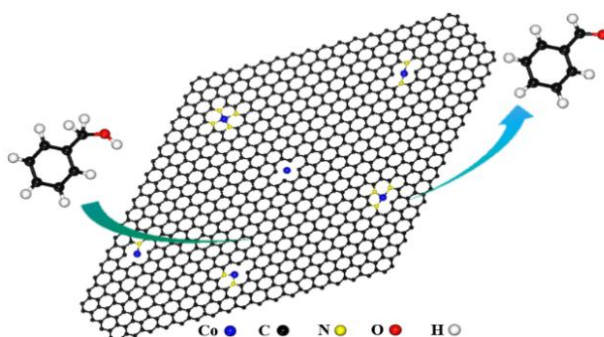
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## Graphical abstract:



Atomically cobalt dispersed onto nitrogen-doped graphene has extremely high atom efficiency and shows high activity for the selective oxidation of **alcohols** by oxygen molecule.

## Highlights

- Atomically cobalt dispersed onto nitrogen-doped graphene (denoted as Co-NG) was synthesized.

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