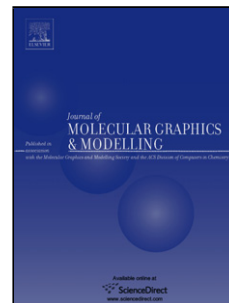


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# Gauging the performance of some density functionals including dispersion and nonlocal corrections for relative energies of water 20-mers

Mojtaba Alipour \*

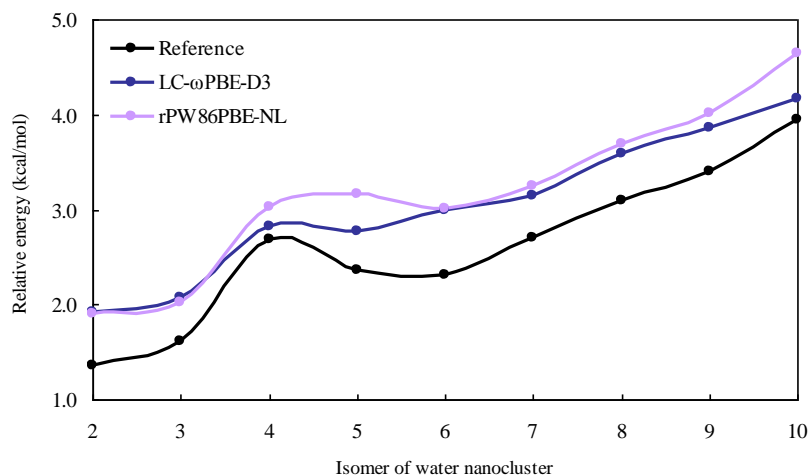
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## Graphical Abstract



### Highlights:

- Relative energies of the isomers of  $(\text{H}_2\text{O})_{20}$  nanocluster have been predicted.
- Dispersion and nonlocal corrections of DFT have been assessed.

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