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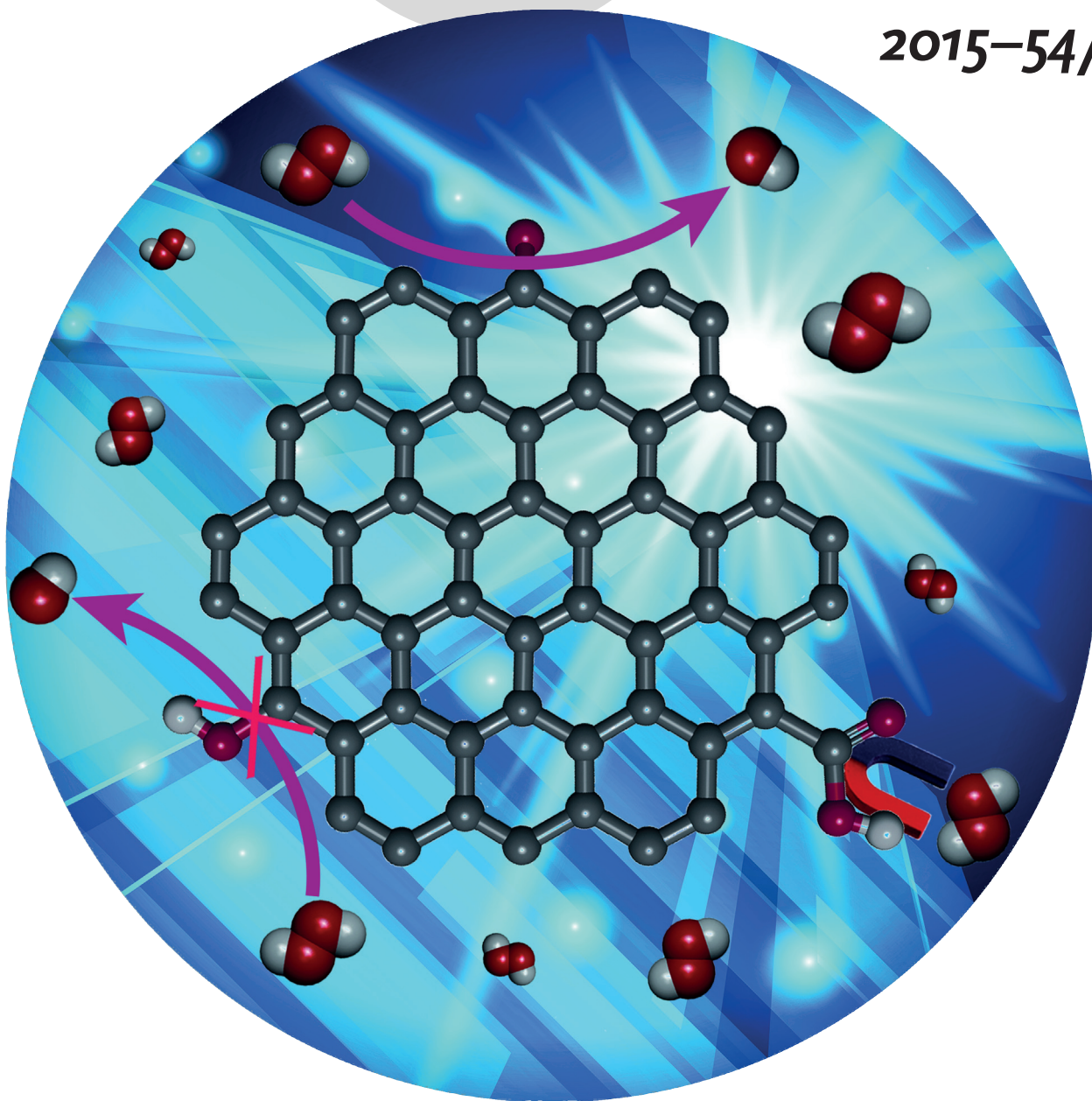
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Graphene quantum dots ...

... (GQDs) can act as nanocarbon-based artificial peroxidases. In their Communication on page 7176 ff., X. Qu et al. obtained various GQD derivatives through the selective deactivation of oxygen-containing groups. A comparison of their catalytic activities shows that ketone groups are the catalytically active sites, whereas carboxylic groups act as substrate-binding sites, and hydroxy groups can inhibit the activity of the GQDs.

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