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# Enhanced charge carrier separation to improve hydrogen production efficiency by ferroelectric spontaneous polarization electric field

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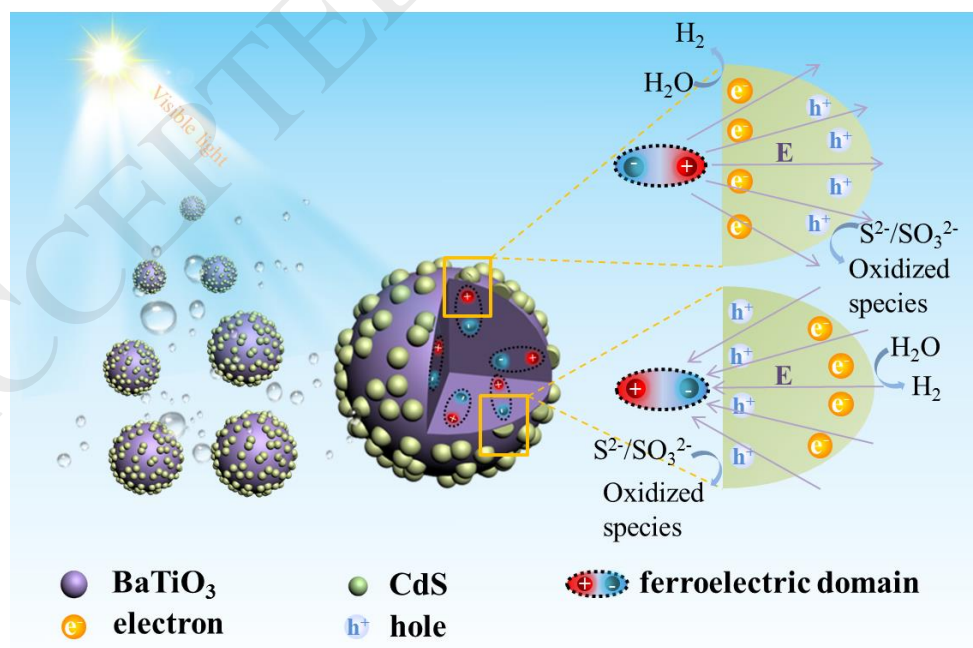
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## Graphical abstract



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