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La(M,Ti)(O,N)₃ (M = Zn, Ga) as visible light-driven photocatalyst for water splitting

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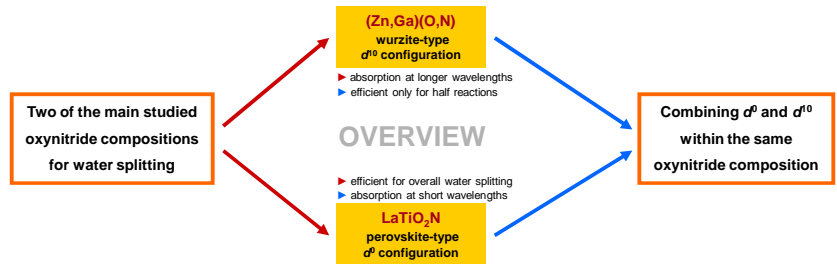
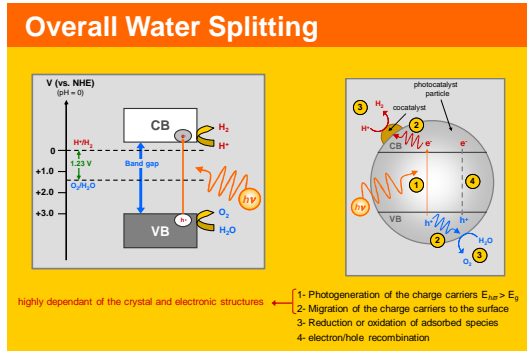
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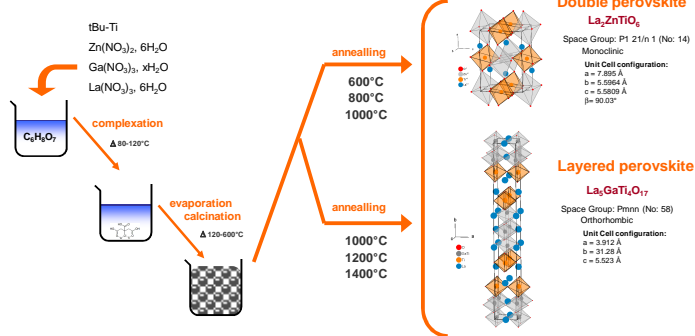
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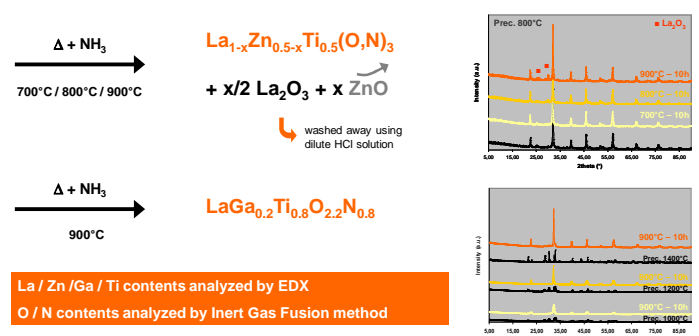
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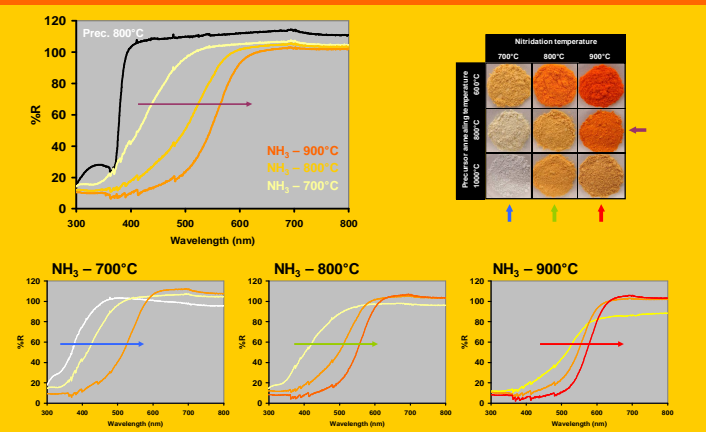
Oxide precursors / Amorphous citrate route



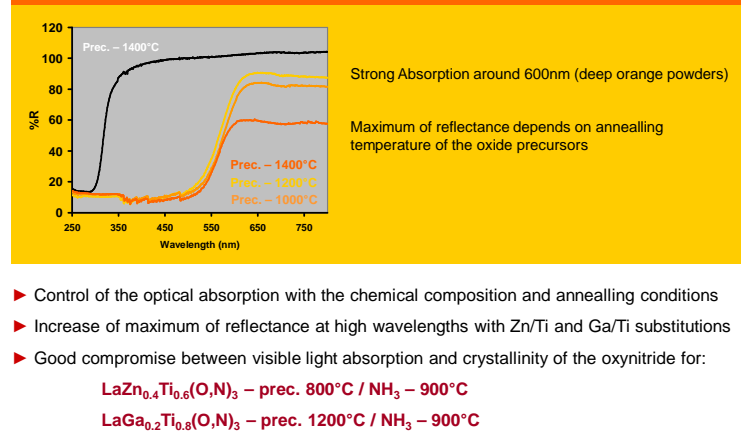
Oxynitrides synthesis / Ammonia flow nitridation



La(Zn,Ti)(O,N)₃ Absorption Properties



LaGa_{0.2}Ti_{0.8}(O,N)₃ Absorption Properties



Photocatalysis Results

