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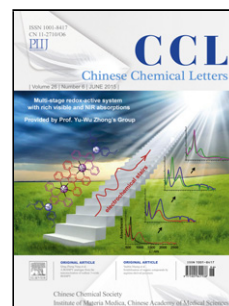
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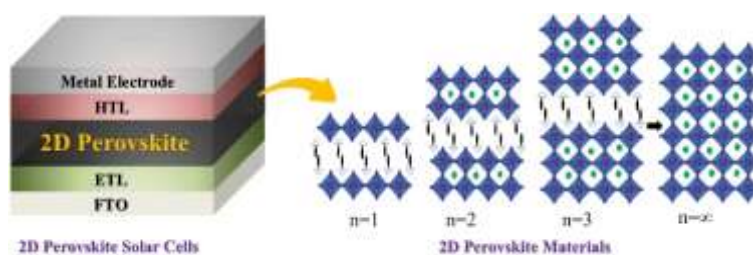
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**Graphical Abstract****Rapid development in two-dimensional layered perovskite materials and their application in solar cells**Sajjad Ahmad<sup>a,b</sup>, Xin Guo<sup>a,\*</sup>

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This review summarized recent research progresses of two-dimensional layered organic-inorganic hybrid perovskite materials and their photovoltaic performances in 2D perovskite solar cells.

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