

Review of: "Two-Dimensional PtS₂/MoTe₂ van der Waals Heterostructure: An Efficient Potential Photocatalyst for Water Splitting"

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Potential competing interests: The author(s) declared that no potential competing interests exist.

This article reports a theoretical investigation on the structural and electronic nature of the PtS₂/MoTe₂ vdW heterostructure. They demonstrated that the fantastic optical performances of the PtS₂/MoTe₂ heterostructure can be potentially used for photocatalytic decomposition of water. Overall, this work contains the knowledge that the readers both from academia and industry may be interested in, and is expected to trigger a range of follow-up studies in this field.