

撤稿:《一种新型二维 TiO₂ 的电子结构与光催化性质》

[物理学报 2020, 69 (16): 166301]

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熊子谦等于 2020 年在《物理学报》发表的文章《一种新型二维 TiO₂ 的电子结构与光催化性质》(《物理学报》2020, 69 (16): 166301, DOI: [10.7498/aps.69.20200631](https://doi.org/10.7498/aps.69.20200631)), 作者在近期研究工作中发现文中关于弹性常数和迁移率计算等数据处理存在错误, 导致论文结果不准确. 为确保研究结果的准确性和可靠性, 并避免不准确的信息对学术界产生误导, 全体作者提出将该论文从《物理学报》撤稿, 特此声明.

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Retraction of article: Study on the electronic structure and photocatalytic properties of a novel monolayer TiO₂ [*Acta Phys. Sin.* 2020, 69 (16): 166301]

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Abstract

The article titled “Study on the electronic structure and photocatalytic properties of a novel monolayer TiO₂” by Ziqian Xiong et al., published in *Acta Physica Sinica* (Vol. 69, Issue 16: 166301, DOI: [10.7498/aps.69.20200631](https://doi.org/10.7498/aps.69.20200631)) in 2020, contains errors in the data processing related to the calculation of elastic constants and mobility. These inaccuracies have led to incorrect results in the paper. In order to ensure the accuracy and reliability of the research findings and to prevent misleading information from impacting the academic community, the authors have decided to request the retraction of this paper. This statement is issued to formally announce this decision.

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撤稿:《一种新型二维TiO₂的电子结构与光催化性质》

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