撤稿:《一种新型二维 TiO_2 的电子结构与光催化性质》

[物理学报 2020, 69 (16): 166301]

熊子谦[1)] 张鹏程[1)] 康文斌[1)2)†] 方文玉[1)‡]

1) (湖北医药学院公共卫生与管理学院, 十堰 442000)

2) (湖北省南水北调水源区生物医药研发检测共享平台, 十堰 442000)

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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 TiO_2 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), 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 TiO_2

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XIONG Ziqian[1)] ZHANG Pengcheng[1)] KANG Wenbin[1)2)†] FANG Wenyu[1)‡]

1) (*Public Health and Management School, Hubei University of Medicine, Shiyan* 442000, *China*)

2) (*Hubei Biomedical Detection Sharing Platform in Water Source Area of South to North Water Diversion Project, Shiyan* 442000, *China*)

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Abstract

The article titled "Study on the electronic structure and photocatalytic properties of a novel monolayer TiO_2" by Ziqian Xiong et al., published in *Acta Physica Sinica* (Vol. 69, Issue 16: 166301, DOI: 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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† 通信作者. E-mail: wbkang@hbmu.edu.cn

‡ 通信作者. E-mail: jzfangwenyu@163.com

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Institute of Physics, CAS

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