

更正：体空位缺陷对氧化铝二次电子发射特性的影响分析

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张建威 牛莹 闫润圻 张荣奇 曹猛 李永东
刘纯亮 张嘉伟

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《物理学报》2024 年第 73 卷第 15 期第 157902 页《体空位缺陷对氧化铝二次电子发射特性的影响分析》一文中, 因作者疏忽导致图 4 和图 5 纵轴题变量单位标注错误, 特此改正, 并诚挚地向读者致歉. 具体更正内容如下: 图 4、图 5 的纵轴题分别改为 $\text{IMPF}/\text{\AA}$, $\text{EMPF}/\text{\AA}$.

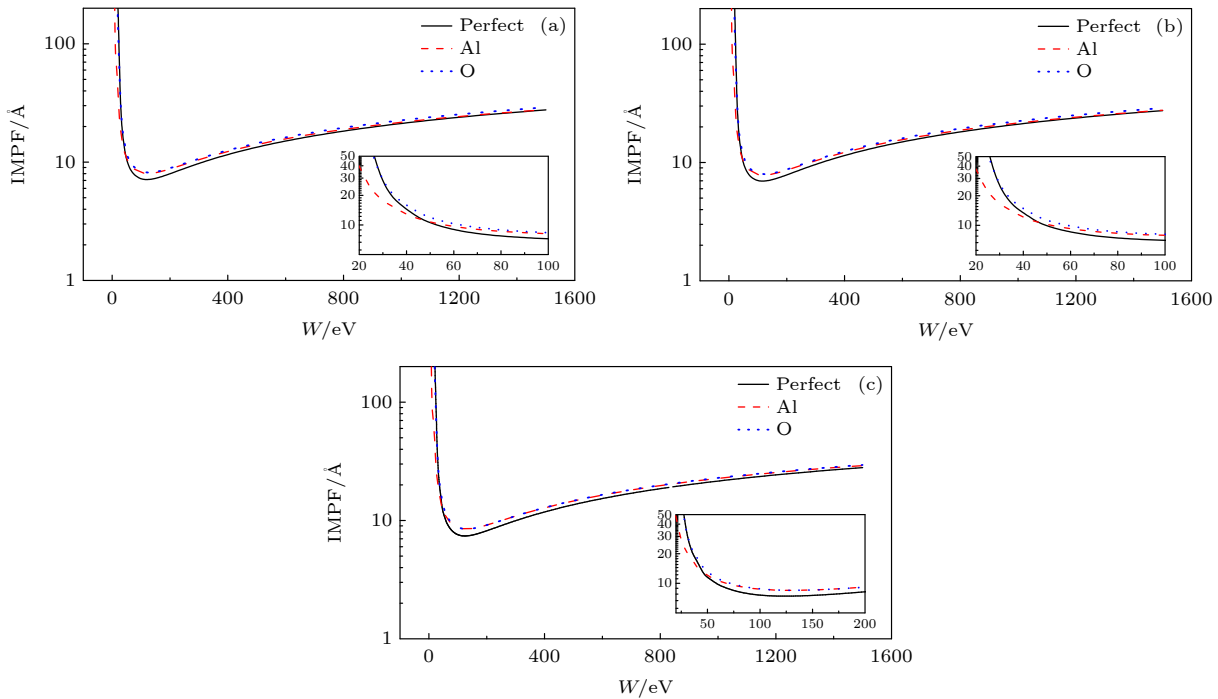


图 4 Al_2O_3 在无缺陷、存在 O 空位缺陷和 Al 空位缺陷时, 基于不同方向动量转移的电子非弹性平均自由程 (a) x 方向; (b) y 方向; (c) z 方向

Fig. 4. Inelastic mean free paths of electrons in Al_2O_3 in the ideal state, Al vacancy defect and O vacancy defect with momentum transfer in different direction: (a) x -direction; (b) y -direction; (c) z -direction.

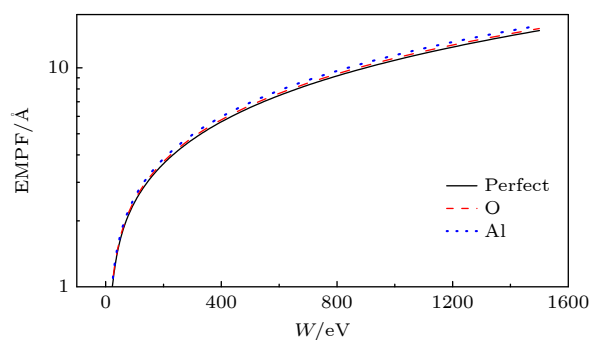


图 5 Al_2O_3 在无缺陷、O 空位缺陷和 Al 空位缺陷情况下的弹性平均自由程

Fig. 5. Elastic mean free paths of electrons in Al_2O_3 under conditions of ideal state, Al vacancy defect and O vacancy defect.

Erratum: Analysis of effect of bulk vacancy defect on secondary electron emission characteristics of Al_2O_3 [*Acta Phys. Sin.* 2024, 73(15): 157902]

Zhang Jian-Wei Niu Ying Yan Run-Qi Zhang Rong-Qi Cao Meng
Li Yong-Dong Liu Chun-Liang Zhang Jia-Wei

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