

عنوان مقاله:

Stopping power of a nanolayer for slow two-ion projectiles beyond the Random Phase Approximation

محل انتشار:

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خلاصه مقاله:

We study the electronic stopping power of two correlated ionstravelling parallel to the plane of ananolayer at zero temperature. We consider the case of low velocity ions and use the dielectric responseformalism beyond the random phase approximation by including the Hubbard local field correction factor. Our results show that the stopping power .increases by the Hubbard local field correction

کلمات کلیدی:

Stopping power, Two-ion projectile, Nanolayer, Hubbard local field correction

لینک ثابت مقاله در پایگاه سیویلیکا:

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