

## عنوان مقاله:

effects of target materials on the nonlinear power spectrum of rayleigh-taylor instability in enertial confinement fusion

## محل انتشار:

اولین طرح تعاملی صنعت با دانشگاه: همایش سالانه پژوهش های کاربردی در علوم مهندسی و پایه (سال: 1393)

تعداد صفحات اصل مقاله: 10

## نویسندگان:

zahra asadi - *atomic & molecular group, physics department, faculty of scence, yazd university*

mehdi sharifian - *atomic & molecular group, physics departmet, faculty of science, yazd university*

Abbas gholamzadeh - *nuclear group, physics department , faculty of science, yazd university*

## خلاصه مقاله:

in this paper, the nonlinear power spectrum of the rayleigh-taylor instability in decelaration phases of inertial confinement fusion briefly induced and compaead with accelaration phase . Also compared for different target materials such as DT, .CH, BE and CH with al coating. we have found that the target the target material of the CH with aluminum coating has the least power of RTI and DT target material has the most power of RTI

## کلمات کلیدی:

inertial confinement fusion, rayleigh taylor instability and nonlinear power spectrum

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/412095>

