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.....崔大田,钟素娟,宋克兴等(1940)

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.....徐凌燕,刘哲,梁璐(1945)

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.....程功金,周新磊,高明磊等(1998)

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.....Chen Dong,Wang Quansheng,Liu Yanbo et al 1890

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.....Yao Huai,Xiong Yi,Zha Xiaoqin et al 1919

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.....Wu Fan,Gan Guoyou,Yan Jikang et al 1928

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.....Cui Datian,Zhong Sujuan,Song Kexing et al 1935

High Dose Ion Beam Irradiation Effects on the Electrical and Optical Properties of CdZnTe:In Crystals

.....Xu Lingyan,Liu Zhe,Liang Lu 1941

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.....Zhang Pengfei,Chen Weidong,Zhang Shaopeng et al 1946

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