

**Increased efficiency inside the CdTe solar cell absorber caused by plasmonic metal nanoparticles**

Repän, Taavi; Pikker, Siim; Dolgov, Leonid; Loot, Ardi; **Hiie, Jaan; Krunks, Malle**; Sildos, Ilmo Energy procedia 2014 / p. 229-233 : ill

**Influence of the SPD processing features on the nanostructure and properties of a pure niobium**

Kommel, Lembit; Mikli, Valdek; Traksmaa, Rainer; Saarna, Mart; Pokatilov, Andrei; Pikker, Siim; Kommel, Igor Materials science forum ; 667/669 2011 / p. 785-790 : ill

**Surface plasmon resonance caused by gold nanoparticles formed on sprayed TiO<sub>2</sub> films**

Oja Acik, Ilona; Dolgov, Leonid; **Krunk, Malle; Mere, Arvo; Mikli, Valdek**; Pikker, Siim; Loot, Ardi; Sildos, Ilmo Thin solid films 2014 / p. 144-147 : ill