

### **A new strategy for the preparation of maleimide-functionalised gold surfaces**

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### **Au ja Ag nanoosakeste saamiseks kasutatavate lähteainete HAuCl<sub>4</sub>·3H<sub>2</sub>O ja AgNO<sub>3</sub> termilise lagunemise uurimine**

Otto, Kairi; Oja Acik, Ilona; Krunk, Malle; Tõnsuaadu, Kaia XXXIII Eesti Keemiapäevad : teaduskonverentsi teesid 2013 / lk. 55

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### **Characterization of self-assembled monolayers by means of nanoindentation**

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### **Comparative analysis of residual stresses determined by various methods in brush-plated hard gold and silver coatings**

Lille, Harri; Kõo, Jakub; Ryabchikov, Alexander; Reitsnik, Renno; **Sergejev, Fjodor**; **Mikli, Valdek** Engineering materials & tribology XXII 2014 / p. 8-11 <https://doi.org/10.4028/www.scientific.net/KEM.604.8> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

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### **CuInS<sub>2</sub> solar cell absorber plasmonically modified by gold nanoparticles**

Repän, Taavi; Dolgov, Leonid; **Katerski, Atanas**; **Oja Acik, Ilona**; **Kärber, Erki**; **Mere, Arvo**; **Mikli, Valdek**; **Krunk, Malle**; Sildos, Ilmo Applied physics. A, Materials science & processing 2014 / p. 455-458 : ill <https://doi.org/10.1007/s00339-014-8681-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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### **Development of a smart computational tool for the evaluation of co- and by-products in mining projects using Chovdar gold ore deposit in Azerbaijan as a case study**

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### **In-situ deposition of gold nanoparticles onto different substrates by chemical spray pyrolysis**

**Oja Acik, Ilona**; **Oyekoya, Gboyega Nathaniel**; **Mere, Arvo**; **Katerski, Atanas**; **Mikli, Valdek**; **Krunk, Malle** IOP conference series : materials science and engineering 2015 / 5 p. : ill <https://doi.org/10.1088/1757-899X/77/1/012009> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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