

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

Zhang, Xin; Sun, Guoguang; Hovestädt, Marc; **Sõritski, Vitali**; Esser, Norbert; Volkmer, Rudolf; Janietz, Silvia; Rappich, Jörg; Hinrichs, Karsten Electrochemistry communications 2010 / 10, p. 1403-1406 : ill

<https://www.sciencedirect.com/science/article/pii/S1388248110003395>

Au ja Ag nanoosakese saamiseks kasutatavate lähteainete HAuCl₄-3H₂O ja AgNO₃ termilise lagunemise uurimine

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

Austraalia firma tahab Ida-Virust uraani ja kulda otsida : [ka TTÜ geoloogia instituudi direktori Alvar Soesoo teemakohane mõttleväljendus]

Gamzejev, Erik; **Soesoo, Alvar** Põhjarannik 2008 / 16. apr., lk. 1

Characterization of self-assembled monolayers by means of nanoindentation

Lind, Liina; Costelle, L.; Jalkanen, P.; Räisänen, M.; Nowak, R.; Räisänen, J. International Indentation Workshop 4 : Seoul, Korea, 3-8 July 2011 : abstract book 2011 / p. 106 <https://pubs.acs.org/doi/10.1021/acs.langmuir.7b01068>

Characterizing the biofunctionalization of gold surface with total internal reflection fluorescence (TIRF) microscopy

Ehrminger, Robin Benjamin; Kopantšuk, Sergei; Kivirand, Kairi; Min, Mart Proceedings of the Estonian Academy of Sciences 2020 / p. 27-34 : ill <https://doi.org/10.3176/proc.2020.1.02> http://www.kirj.ee/33001/?tpl=1061&c_tpl=1064 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Correlation between COVID-19 cases and gold price fluctuation

Gautam, Roshan; Kim, Yoochan; Topal, Erkan; **Hitch, Michael William** International journal of mining, reclamation and environment 2022 / p. 574-586 <https://doi.org/10.1080/17480930.2022.2077542>

CuInS₂ solar cell absorber plasmonically modified by gold nanoparticles

Repän, Taavi; Dolgov, Leonid; **Katerski, Atanas; Oja Acik, Ilona; Kärber, Erki; Mere, Arvo; Mikli, Valdek; Krunks, Malle**; Sildos, Ilmo Applied physics. A, Materials science & processing 2014 / p. 455-458 : ill

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

Mammadli, Anvar; Barokos, George; Islam, Md Ariful; Mischo, Helmut; **Hitch, Michael William** Mining 2022 / p. 487-510 : ill <https://doi.org/10.3390/mining2030026>

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; Krunks, Malle IOP conference series : materials science and engineering 2015 / p. 1-5 : ill

Kapitalistlik valuutasüsteem. 1. Kullaturud

Made, Tiit Edasi : EKP Tartu Linnakomitee, EKP Tartu Rajoonikomitee, Tartu Linna RSN ja Tartu Rajooni RSN häälekandja 1973 / lk. [?] https://www.esther.ee/record=b1271061*est

Kes ja miks võiks investeerida kulda?

Vastisson, Lauriina Investor 2023 / lk. 18-22 https://www.esther.ee/record=b5266435*est

Low-cost plasmonic solar cells prepared by chemical spray pyrolysis

Kärber, Erki; Katerski, Atanas; Oja Acik, Ilona; Mikli, Valdek; Mere, Arvo; Sildos, Ilmo; **Krunks, Malle** The Beilstein journal of nanotechnology 2014 / p. 2398-2402 : ill

Measurement and relaxation observation of residual stresses in brush-plated gold coating depending on the current density

Lille, Harri; Kõo, Jakub; Rjabtšikov, Aleksander; **Veinthal, Renno; Mikli, Valdek** 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 50

Metal mining's environmental pressures: a review and updated estimates on CO₂ emissions, water use, and land requirements

Hitch, Michael William; Tost, Michael; Bayer, Benjamin Sustainability 2018 / art. 2881 ; 14 p. : tab <https://doi.org/10.3390/su10082881> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Metallilise ühendi AuPb₂ struktuur : [magistrityöö]

Mets, Georg 1935 http://www.esther.ee/record=b3604527*est

Modification of light absorption in thin CuInS₂ films by sprayed Au nanoparticles
Katerski, Atanas; Kärber, Erki; Oja Acik, Ilona; Dolgov, Leonid; Mere, Arvo; Sildos, Ilmo; Mikli, Valdek; Krunks, Malle Nanoscale research letters 2014 / p. 1-6 : ill

Modification of light absorption in thin CuInS₂ films by sprayed gold nanoparticles
Mere, Arvo; Katerski, Atanas; Oja Acik, Ilona; Dolgov, Leonid; Sildos, Ilmo; Krunks, Malle NANOSMAT Conference, 22-25 September 2013, Granada, Spain : abstracts book 2013

Plasmon resonance effect caused by gold nanoparticles formed on titanium oxide films
Tamm, Aile; Oja Acik, Ilona; Krunks, Malle; Mere, Arvo Thin solid films 2016 / p. 449-455 : ill <https://doi.org/10.1016/j.tsf.2016.08.059>

Plasmon-enhanced photocurrent by gold nanoparticles on extremely thin solar cells by chemical spray pyrolysis
Kärber, Erki; Katerski, Atanas; Oja Acik, Ilona; Mere, Arvo; Krunks, Malle Nanotechnology for Next Generation High Efficiency Photovoltaics : Spring International School & Workshop, Mao, Menorca, Balearic Islands (Spain), April 20-24, 2015 : book of abstracts 2015 / [1] p

Plasmonic effect of spray-deposited Au nanoparticles on the performance of CSS CdS/CdTe solar cells
Spalatu, Nicolae; Hiie, Jaan; Maticiuc, Natalia; Krunks, Malle; Katerski, Atanas; Mikli, Valdek; Sildos, Ilmo Applied surface science 2015 / p. 69-73 : ill <http://dx.doi.org/10.1016/j.apsusc.2015.04.065>

Plasmonic enhancement of light absorption in CuInS₂ layer doped by gold nanoparticles
Repän, Taavi; Katerski, Atanas; Oja Acik, Ilona; Kärber, Erki; Mere, Arvo; Mikli, Valdek; Krunks, Malle; Dolgov, Leonid; Sildos, Ilmo META'14 - Singapore : The 5th International Conference on Metamaterials, Photonic Crystals and Plasmonics : book of abstracts 2014

Plasmonic modification of CdTe thin films by gold nanoparticles : methods, difficulties and solutions
Maticiuc, Natalia; Spalatu, Nicolae; Katerski, Atanas; Hiie, Jaan; Mikli, Valdek; Krunks, Malle; Dolgov, Leonid; Sildos, Ilmo Microelectronic engineering 2014 / p. 173-178 : ill

Plasmonic TiO₂:Au composite layers deposited in situ by chemical spray pyrolysis
Oja Acik, Ilona; Oyekoya, Gboyega Nathaniel; Mere, Arvo; Loot, Ardi; Dolgov, Leonid; Mikli, Valdek; Krunks, Malle; Sildos, Ilmo Surface and coatings technology 2015 / p. 27-31 : ill <http://dx.doi.org/10.1016/j.surcoat.2015.01.036>

Pronksiajast läbi rauaja tänapäeva. Höbe ; Pronksiajast läbi rauaja tänapäeva. Kuld Kulu, Priit 2022 https://www.esther.ee/record=b5507862*est

Relaxation of residual stresses in brush-plated gold and silver coatings on copper and on brass substrates
Lille, Harri; Kõo, Jakub; Ryabchikov, Alexander; Reitsnik, Renno; Sergejev, Fjodor; Dong, Minjie Residual stresses IX 2014 / p. 866-871 : ill

Structure and stability of gold-substituted diborane, boranes, and borohydride ions
Tamm, Toomas; Pykkö, Pekka Theoretical chemistry accounts 2000 / p. 399-408
<https://link.springer.com/article/10.1007/s002149900063>

Surface plasmon resonance caused by gold nanoparticles formed on sprayed TiO₂ films
Oja Acik, Ilona; Dolgov, Leonid; Krunks, Malle; Mere, Arvo; Mikli, Valdek; Pikker, Siim; Loot, Ardi; Sildos, Ilmo Thin solid films 2014 / p. 144-147 : ill

Surface plasmon resonance in ZnO nanorod arrays caused by gold nanoparticles for solar cell application
Gromõko, Inga; Oja Acik, Ilona; Krunks, Malle; Dedova, Tatjana; Katerski, Atanas; Mere, Arvo; Mikli, Valdek; Vessart, Risto Physica status solidi (c) 2015 / p. 1338-1343 : ill <http://dx.doi.org/10.1002/pssc.201510103>

Thermal decomposition study of HAuCl₄·3H₂O and AgNO₃ as precursors for plasmonic metal nanoparticles
Otto, Kairi; Oja Acik, Ilona; Krunks, Malle; Tõnsuaadu, Kaia; Mere, Arvo Journal of thermal analysis and calorimetry 2014 / p. 1065-1072 : ill

Ultra thin TiO₂ films with gold nanoparticles by the chemical spray pyrolysis method
Oja Acik, Ilona; Oyekoya, G.; Dedova, Tatjana; Mikli, Valdek; Mere, Arvo; Krunks, Malle; Dolgov, Leonid; Sildos, Ilmo Joint 12th Russia/CIS/Baltic/Japan Symposium on Ferroelectricity and 9th International Conference Functional Materials and Nanotechnologies : Institute of Solid State Physics, University of Latvia, September 29-October 2, Riga, Latvia : book of abstracts 2014 / p. 296

Исследование дефектов, возникающих в сульфиде кадмия при легировании медью, серебром и золотом
Aarna, Heiti; Öpik, Andres; Kreek, M; Kukk, Peeter-Enn Свойства легированных полупроводников 1977 / с. 100-104 : ил https://www.esther.ee/record=b2708631*est

Исследование дефектов, возникающих в сульфиде кадмия при легировании медью, серебром и золотом
Aarna, Heiti; Örik, Andres; Kreek, M.; Kukk, Peeter-Enn Всесоюзная конференция по физико-химическим основам
легирования полупроводниковых материалов : тезисы докладов 1975 / с. [110]

Спектрохимический метод определения золота в силикатных породах кристаллического фундамента
Hödreibärv, Helvi; Reiman, Irina; Petersell, Valter Eesti NSV Teaduste Akadeemia toimetised. Keemia. Geoloogia = Известия
Академии наук Эстонской ССР. Химия. Геология 1975 / с. 176-178 : ил https://www.esther.ee/record=b1264554*est
<https://www.etera.ee/zoom/18509/view?page=1&p=separate&tool=info>

Электронно-микроскопическое исследование слоев золота, полученных катодным распылением
Timma, Enn; Meiler, Boriss Труды по физике : сборник статей. 7 1975 / с. 23-28 : илл https://www.esther.ee/record=b2190700*est
<https://digikogu.taltech.ee/et/item/bf8b5df4-d382-41b8-b242-1b2db192e257>