

Analysing carbon based hybrid nanocomposites displaying interfacial phenomena with scanning transmission electron microscopy and related techniques

Rauwel, Protima; Rauwel, Erwan Microscopy and imaging science : practical approaches to applied research and education 2017 / p. 389-400 : ill <http://www.microscopy7.org/>

Analysis of optical properties and structure of GaTe - CdTe nanocomposite

Caraman, Iuliana; Untila, Dumitru; Evtodiev, Igor; Canter, Valeriu; **Spalatu, Nicolae**; Rusu, Dragos; Luchian, Efimia; Rotaru, Irina Chalcogenide letters 2015 / p. 683-692 : ill https://chalcogen.ro/683_Caraman.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Annealing effect on CdS films : transition from glass to ITO

Maticiu, Natalia; Hiie, Jaan IOP conference series : materials science and engineering 2013 / p. 1-4 : ill <https://doi.org/10.1088/1757-899X/49/1/012061> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Characterization of ZnO-nanorod/In₂S₃/CuInS₂ solar cell, and properites of the constituent layers

Kärber, Erki TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

Comparative ellipsometric and ion beam analytical studies on ion beam crystallized silicon implanted with Zn and Pb ions

Lohner, Tivador; Angelov, Christo; **Mikli, Valdek** Thin solid films 2008 / 22, p. 8009-8012 <https://www.sciencedirect.com/science/article/pii/S0040609008003660>

Comparative study of CdS films annealed in neutral, oxidizing and reducing atmospheres

Maticiu, Natalia; Kuk, Mart; Spalatu, Nicolae; Potlog, Tamara; Krunks, Malle; Valdna, Vello; Hiie, Jaan Energy procedia 2014 / p. 77-84 : ill <https://doi.org/10.1016/j.egypro.2013.12.012> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Correlation between the UV-reflectance spectra and the structure of poly-Si films obtained by aluminium induced crystallization

Dimova-Malinovska, D.; Angelov, O.; Sendova-Vassileva, M.; **Mikli, Valdek** Journal of optoelectronics and advanced materials 2009 / 9, p. 1079-1085 https://www.researchgate.net/publication/288122478_Correlation_between_the_UV-reflectance_spectra_and_the_structure_of_poly-Si_films_obtained_by_Aluminium_Induced_Crystallization

Effect of Annealing in Air on the Structural and Optical Properties and Efficiency Improvement of TiO₂/Cu_xO Solar Cells Obtained via Direct-Current Reactive Magnetron Sputtering

Wisz, Grzegorz; **Sibinski, Maciej**; Labuz, Miroslaw; Potera, Piotr; Ploch, Dariusz; Bester, Mariusz; Yavorskyi, Rostyslav Materials 2025 / art. 888 <https://doi.org/10.3390/ma18040888>

Effect of CdCl₂ annealing treatment on structural and optoelectronic properties of close spaced sublimation CdTe/CdS thin film solar cells vs deposition conditions

Spalatu, Nicolae; Hiie, Jaan; Mikli, Valdek; Krunks, Malle; Valdna, Vello; Maticiu, Natalia; Raadik, Taavi; Caraman, Mihail Thin solid films 2015 / p. 128-133 : ill <http://dx.doi.org/10.1016/j.tsf.2014.11.066> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The effect of tin doping on the band structure and optical properties of polycrystalline antimony selenide

Uslu, Mehmet Ender; Danilson, Mati; Timmo, Kristi; Grossberg-Kuusk, Maarja Physica B : condensed matter 2024 / art. 415744 <https://doi.org/10.1016/j.physb.2024.415744> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of deuterium implantation on the optical properties of Cu(InGa)Se₂

Yakushev, M. V.; Martin, R. W.; **Krustok, Jüri** Thin solid films 2001 / p. 201-204

Effects of light exposure on the uptake and destruction of hematoporphyrin derivative in Ehrlich carcinoma cell suspension

Tšekulajev, Vladimir; Ševtšuk, Igor; Tšekulajeva, Ludmilla 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 22

Electrical, optical and structural properties of sprayed CuInS₂ films for solar cells

Mere, Arvo; Kijatkina, Olga; Rebane, Helen; Krunks, Malle ICTMC13 : 13th International Conference on Ternary and Multinary Compounds, Paris, 2002, October 14th-18th : book of abstracts 2002 / p. 212

Electronic and optical properties of magnesium and calcium hydroxides : the role of covalency and many-body effects

Pishtshev, Aleksandr; Karazhanov, S. Zh.; **Klopov, Mihhail** 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. 258

Electronic and optical properties of magnesium and calcium hydroxides : the role of covalency and many-body effects

Karazhanov, Smagul Zh.; Pishtshev, Aleksandr; **Klopov, Mihhail** Physica Scripta 2015 / art. 094015 <https://doi.org/10.1088/0031-8949/90/9/094015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Excitons in Mg(OH)₂ and Ca(OH)₂ from ab initio calculations

Pishtshev, Aleksandr; Karazhanov, S. Zh.; **Klopov, Mihhail** Solid state communications 2014 / p. 11-15 : ill

<https://doi.org/10.1016/j.ssc.2014.05.019> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Exploring channel probing to determine coherent optical transponder configurations in a long-haul network

Kaeval, Kaida; Rafique, Danish; Blawat, Kamil; Grobe, Klaus; Griesser, Helmut; Elbers, Jörg-Peter; Rydlichowski, Piotr; Binczewski, Artur; Tikas, Marko 2020 Optical Fiber Communications Conference and Exhibition (OFC) : San Diego, California, USA : 8-12 March 2020 : proceedings 2020 / 3 p <https://ieeexplore.ieee.org/document/9083392>

Field investigations of apparent optical properties of ice cover in Finnish and Estonian lakes in winter 2009

Lei, Ruibo; Leppäranta, Matti; **Erm, Ants**; Jaatinen, Elina; **Pärn, Ove** Estonian journal of earth sciences 2011 / 1, lk. 50-64 : ill

https://artiklid.elnet.ee/record=b2284374*est

Growth and optical properties of two-dimensional transition metal dichalcogenides = Kahedimensionaalsete siirdemetallide dikalkogeniidide kasvatus ning optiliste omaduste uurimine

Kaupmees, Reelika 2021 <https://digikogu.taltech.ee/et/Item/72b400aa-c5da-4db6-8cb0-acce54153e2a>

https://www.ester.ee/record=b5429502*est <https://doi.org/10.23658/taltech.25/2021>

Hematoporfüriini ja valguse mõju Ehrlichi kartsinoomi rakkude optilistele omadustele

Tšekulajev, Vladimir; Ševtšuk, Igor; **Tšekulajeva, Ludmilla** XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 146 https://www.ester.ee/record=b1059313*est

Impact of the selenisation temperature on the structural and optical properties of CZTSe absorbers

Marquez-Prieto, J.; Yakushev, M.V.; Forbes, I.; **Krustok, Jüri** Solar energy materials and solar cells 2016 / p. 42-50 : ill

<https://doi.org/10.1016/j.solmat.2016.03.018> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Impact of thermohaline conditions on vertical variability of optical properties in the Gulf of Finland (Baltic Sea) : implications for water quality remote sensing

Aavaste, Age; Sipelgas, Liis; Uiboupin, Rivo; Uudeberg, Kristi Frontiers in marine science 2021 / art. 674065

<https://doi.org/10.3389/fmars.2021.674065> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Influence of Cu₂S, SnS and Cu₂ZnSnSe₄ on optical properties of Cu₂ZnSnS₄

Mamedov, D.; **Klopov, Mihhail**; Karazhanov, S. Zh. Materials letters 2017 / p. 70-72 : ill <https://doi.org/10.1016/j.matlet.2017.05.069>

Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Influence of the copper content on the optical properties of CZTSe thin films

Yakushev, M. V.; Sulimov, M. A.; Marquez-Prieto, J.; Forbes, I.; **Krustok, Jüri** Solar energy materials and solar cells 2017 / p. 69-77 :

ill <https://doi.org/10.1016/j.solmat.2017.04.022> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Influence of the secondary thermal annealing on the properties of CdTe/CdS:CdCl₂:O₂ structure

Yang, Wangjun; Spalatu, Nicolae; Maticiuc, Natalia; **Krunks, Malle**; Hiie, Jaan Proceedings of 13th International Conference of Young Scientists on Energy Issues : CYSENI 2016 : May 26-27 2016, Kaunas, Lithuania 2016 / p. VII-220 - VII-225 : ill

Keemiliselt pihustatud CuInS₂ õhukeste kilede struktuursed ja optilised omadused

Krunks, Malle; Bijakina, Olga; Bender, Villem; Mikli, Valdek XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 57

Li@C₆₀ thin films : characterization and nonlinear optical properties

Wolf, Mathias; Toyouchi, Shuichi; **Walke, Peter R.**; Umemoto, Kazuki; Masuhara, Akito; Fukumura, Hiroshi; Takano, Yuta; Yamada, Michio; Hirai, Kenji; Fron, Eduard; Uji-I, Hiroshi RSC Advances 2021 / p. 389 - 394 <https://doi.org/10.1039/d1ra08051b> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Materials properties of magnesium and calcium hydroxides from first-principles calculations

Pishtshev, Aleksandr; Karazhanov, S. Zh.; **Klopov, Mihhail** Computational materials science 2014 / p. 693-705 : ill

<https://doi.org/10.1016/j.commatsci.2014.07.007> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Mechanism of a microwave-assisted polyol synthesis of nanosize CuInSe₂ particles and their optical and photoelectric properties

Grevtsev, A. S.; Goncharenko, I. Yu.; **Bereznev, Sergei** Russian journal of applied chemistry 2014 / p. 671-675 : ill

<https://doi.org/10.1134/S1070427214060019> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Mitmekomponendiliste looduslike vete optilised omadused ja veealune valgusväli : kommentaar Eesti Vabariigi teaduse aastapreemia pälvinud tööle

Arst, Helgi Tallinna Tehnikaülikooli aastaraamat 2004 2005 / lk. 186-198

Modification of the optoelectronic properties of Cu₂CdSnS₄ through low-temperature annealing

Pilvet, Maris; Kauk-Kuusik, Marit; Grossberg, Maarja; Raadik, Taavi; Mikli, Valdek; Traksmaa, Rainer; Raudoja, Jaan; Timmo, Kristi; Krustok, Jüri Journal of alloys and compounds 2017 / p. 820-825 : ill <https://doi.org/10.1016/j.jallcom.2017.06.307>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

One-stage pulsed laser deposition of conductive zinc oxysulfide layers

Bereznev, Sergei; Kocharyan, Hrachya; Maticiu, Natalia; Naidu, Revathi; Volobujeva, Olga; Tverjanovich, Andrey; Kois, Julia Applied surface science 2017 / p. 722-727 : ill <https://doi.org/10.1016/j.apsusc.2017.07.078> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)

Optical and photoelectric properties of nanolamellar structures obtained by thermal annealing of InSe plates in Zn vapours

Untila, Dumitru; Evtodiev, Igor; Caraman, Iuliana; Spalatu, Nicolae; Dmitroglou, Liliana; Caraman, Mihail Physica status solidi (a) : applications and materials science 2018 / art. 1700434, p. 1-7 : ill <https://doi.org/10.1002/pssa.201700434> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optical and photoelectric properties of nanolamellar structures obtained by thermal annealing of InSe plates in Zn vapours (Phys. Status Solidi A 42018) : graphical abstract

Untila, Dumitru; Evtodiev, Igor; Caraman, Iuliana; Spalatu, Nicolae; Dmitroglou, Liliana; Caraman, Mihail Physica status solidi (a) : applications and materials science 2018 / art. 1870007 <https://doi.org/10.1002/pssa.201870007>

Optical and photosensitive properties of lamellar nanocomposites obtained by Cd intercalation of GaTe

Leontie, Liviu; Evtodiev, Igor; Spalatu, Nicolae Journal of alloys and compounds 2014 / p. 542-545 : ill

Optical and physical properties of coastal water and their relations to radar (ASAR) data - a case study of Muuga Bay, Gulf of Finland

Sipelgas, Liis; Raudsepp, Urmas; Uiboupin, Rivo Estonian journal of ecology 2008 / 3, p. 185-197 : ill

Optical and physical properties of coastal water and their relations to radar (ASAR) data - case study of Muuga Bay in the Gulf of Finland

Sipelgas, Liis; Raudsepp, Urmas; Uiboupin, Rivo US/EU-Baltic International Symposium : Ocean observations, ecosystem-based management & forecasting : May 27-29, 2008, Tallinn, Estonia : book of abstracts 2008 / p. 146

Optical and structural properties of TiO₂ thin films by chemical spray

Oyekoya, G.; Oja Acik, Ilona; Krunks, Malle Proceedings of CYSENI 2013 : the 10th Annual Conference of Young Scientists on Energy Issues, May 29-31, 2013, Kaunas, Lithuania 2013 / p. 464-471

Optical dynamics of copper-doped cadmium sulfide (CdS) and zinc sulfide (ZnS) quantum-dots core/shell nanocrystals

Rashid, Muhammad Haroon; Koel, Ants; Rang, Toomas; Nasir, Nadeem; Sabir, Nadeem; Ameen, Faheem; Rasheed, Abher Nanomaterials 2022 / art. 2277 <https://doi.org/10.3390/nano12132277> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optical properties of high quality Cu₂ZnSnSe₄ thin films

Luckert, F.; Hamilton, D. I.; Yakushev, M. V.; Beattie, N. S.; Zoppi, G.; Moynihan, M.; Forbes, I.; Karotki, A. V.; Mudryi, A. V.; Grossberg, Maarja; Krustok, Jüri; Martin, R. W. Applied physics letters 2011 / p. 062104 [3 p.] : ill

Optical properties of multinary semiconductor compounds for photovoltaic applications = Päikesepatareides kasutatavate mitmikpooljuhtühendite optilised omadused

Grossberg, Maarja 2010 <https://digi.lib.ttu.ee/ii/?512> https://www.ester.ee/record=b2637396*est

Optical properties of sprayed ZnO thin films

Unt, Tarmo; Kriisa, Merike; Mere, Arvo; Krunks, Malle Proceedings of CYSENI 2013 : the 10th Annual Conference of Young Scientists on Energy Issues, May 29-31, 2013, Kaunas, Lithuania 2013 / p. 482-489

Optical studies of Cu₃BiS₃ thin films

Raadik, Taavi TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

Optical study of local strain related disordering in CVD-grown MoSe₂ monolayers

Krustok, Jüri; Raadik, Taavi; Jaaniso, Raivo; Kiisk, Valter Applied physics letters 2016 / p. 253106-1 - 253106-5 : ill <https://doi.org/10.1063/1.4972782> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optical water type guided approach to estimate optical water quality parameters

Uudeberg, Kristi; Aavaste, Age; Kõks, Kerttu-Liis; Ansper, Ave; Uusõue, Mirjam; Kangro, Kersti; Ansko, Ilmar; Ligi, Martin; Toming, Kaire; Reinart, Anu Remote sensing 2020 / art. 931 <https://doi.org/10.3390/rs12060931> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)

Optoelectronic properties of CdSe - CdTe solid solutions

Valdna, Vello; Mere, Arvo; Voronin, A. MatTech '91 : The Second European East-West Symposium on Materials and Processes, May 26-30, 1991 : abstracts 1991 / p. 256

Properties of the CdCl₂ air-annealed CSS CdTe thin films

Spalatu, Nicolae; Hiie, Jaan; Valdna, Vello; Caraman, Mihail; **Maticiu, Natalia; Mikli, Valdek; Potlog, Tamara; Krunks, Malle;** Lugh, Vanni Energy procedia 2014 / p. 85-95 : ill <https://doi.org/10.1016/j.egypro.2013.12.013> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Properties of the CdCl₂ air-annealed CSS CdTe thin films

Spalatu, Nicolae; Hiie, Jaan; Valdna, Vello; Maticiu, Natalia; Krunks, Malle; Mikli, Valdek TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

Pulsed laser deposition of Zn(O,Se) layers for optoelectronic application

Polivtseva, Svetlana; Spalatu, Nicolae; Abdalla, Akram; Volobujeva, Olga; Hiie, Jaan; Bereznev, Sergei ACS Applied Energy Materials 2018 / p. 6505–6512 : ill <http://dx.doi.org/10.1021/acsam.8b01431>

Reconstruction of the time series of the underwater light climate in a shallow turbid lake

Reinart, Anu; **Pedusaar, Tiia** Aquatic ecology 2008 / 1, p. 5-15

https://www.researchgate.net/publication/226235137_Reconstruction_of_the_Time_Series_of_the_Underwater_Light_Climate_in_a_Shallow_Turbid_Lake

A review of the synthesis and photoluminescence properties of hybrid ZnO and carbon nanomaterials

Rauwel, Protima; Salumaa, Martin; Aasna, Andres; Galeckas, Augustinas; **Rauwel, Erwan** Journal of nanomaterials 2016 / art. 5320625, 12 p. : ill <https://doi.org/10.1155/2016/5320625> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spectroscopic and phase-stabilisation properties of pure and rare-earth ions activated ZrO₂ and HfO₂

Lange, Sven 2010 https://www.ester.ee/record=b2592707*est

Spray pyrolysis deposition of Sn_xS_y thin films

Polivtseva, Svetlana; Oja Acik, Ilona; Katerski, Atanas; Mere, Arvo; Mikli, Valdek; Krunks, Malle Energy procedia 2014 / p. 156-165 : ill <https://doi.org/10.1016/j.egypro.2014.12.358> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Structural and optical characterization of sprayed ZnS thin films

Dedova, Tatjana; Kijatkina, Olga; Mere, Arvo; Volobujeva, Olga; Krunks, Malle The Fourth International Conference on Advanced Optical Materials and Devices : (AOMD-4) : Tartu, Estonia, July 6-9, 2004 : abstracts 2004 / p. 38

Structural and optical characterization of sprayed ZnS thin films

Dedova, Tatjana; Mere, Arvo; Krunks, Malle; Kijatkina, Olga; Oja, Ilona; Volobujeva, Olga Proceedings of SPIE 2005 / Optical materials and applications, p. 34-40

Structural and optical properties of cadmium sulfide thin films modified by hydrogen annealing

Maticiu, Natalia; Hiie, Jaan; Mikli, Valdek; Potlog, Tamara; **Valdna, Vello** Materials science in semiconductor processing 2014 / p. 169-174 : ill <https://doi.org/10.1016/j.mssp.2014.04.031> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Structural and optical properties of CuInS₂ thin films prepared by spray pyrolysis

Krunks, Malle; Bijakina, Olga; Bender, Villem; Mikli, Valdek 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 63

Structural and optical properties of sprayed CuInS₂ films

Krunks, Malle; Bijakina, Olga; Varema, Tiit; Mikli, Valdek; Mellikov, Enn Thin solid films 1999 / p. 125-130: ill

Structural and optical properties of ZnTe thin films

Potlog, Tamara; **Maticiu, Natalia;** Mirzac, A.; Dumitriu, P.; Scortescu, D. CAS 2012 proceedings. Volume 2 : 2012 International Semiconductor Conference : October 15-17, Sinaia, Romania 2012 / p. 321-324 : ill <https://ieeexplore.ieee.org/abstract/document/6400772/keywords#keywords>

Structural reproducibility of CdTe thin films deposited on different substrates by close space sublimation method

Potlog, Tamara; Spalatu, Nicolae; Maticiu, Natalia; **Hiie, Jaan; Valdna, Vello; Mikli, Valdek; Mere, Arvo** Physica status solidi (a) : applications and materials science 2012 / p. 272-276 : ill https://ibn.idsi.md/ro/vizualizare_articol/188177

Synthesis and optical properties of Ga₂O₃ nanowires grown on GaS substrate

Leontie, Liviu; Sprincean, Veaceslav; Untila, Dumitru; **Spalatu, Nicolae** Thin solid films 2019 / art. 137502, 6 p. : ill <https://doi.org/10.1016/j.tsf.2019.137502> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The electrical and optical properties of kesterites

Grossberg, Maarja; Krustok, Jüri; Hages, Charles J.; Bishop, Douglas M. Journal of Physics Energy 2019 / art. 044002, 16 p. : ill
<https://doi.org/10.1088/2515-7655/ab29a0>

The role of deep donor-deep acceptor complexes in CIS-related compounds

Krustok, Jüri; Raudoja, Jaan; Schön, J.H.; Yakushev, M.; Collan, Heikki E-MRS Spring Meeting : Strasbourg, 1999 : abstracts
1999 / p. O <https://deepzone4.ttu.ee/~juri.krustok/PDF-s/TSF-406.pdf>

Tin sulfide films by spray pyrolysis technique using L-cysteine as a novel sulfur source

Polivtseva, Svetlana; Oja Acik, Ilona; Katerski, Atanas; Mere, Arvo; Mikli, Valdek; Krunks, Malle Physica status solidi (c) 2016 /
p. 18-23 : ill <https://doi.org/10.1002/pssc.201510098> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Tseoliitide ioonse juhtivuse uurimine : väitekirj ... loodusteaduste magistri kraadi taotlemiseks tehnilise füüsika erialal

Mere, Arvo 1996 https://www.ester.ee/record=b2680784*est

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

Up-conversion enhancement in Er³⁺ / Yb³⁺ doped 1-D microcavity based on alternating aluminosilicate glass and titania sol-gel layers

Rojas Hernandez, Rocio Estefania; Santos, Luis F.; Almeida, Rui M. Ceramics international 2020 / p. 26273-26281
<https://doi.org/10.1016/j.ceramint.2019.12.248> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Оптические и фотоэлектрические свойства пленок сульфида кадмия, химически осажденных пульверизацией

Kerm, Karin; Tilling, Aino; Antsov, U. Физическая химия соединений АИВVI 1981 / с. 59-65 : илл
https://www.ester.ee/record=b1533413*est <https://digikogu.taltech.ee/et/Item/dceb76ed-f60b-4ce9-b87e-618a41d25bb8>