

The applicability of sulfoxide Michael acceptor - 2-(S)-[(4-methylphenyl)sulfinyl]-2-cyclopenten-1-one in constructing the carbon skeleton of 9,11-secosterols

Rõuk, Kristi; Köllo, Marek; Järving, Ivar; Lopp, Margus Proceedings of the Estonian Academy of Sciences 2024 / p. 223-227 : ill

<https://doi.org/10.3176/proc.2024.3.06> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Copper sulfides by chemical spray pyrolysis process

Krunks, Malle; Mellikov, Enn; Bijakina, Olga Physica scripta 1997 / p. 189-192

Copper sulfides by chemical spray pyrolysis process

Krunks, Malle; Mellikov, Enn; Bijakina, Olga Abstracts of 17th Nordic Semiconductor Meeting, June 17-20, 1996, Trondheim, Norway 1996 / p. 62-63

Cox17, a copper chaperone for cytochrome c oxidase : expression, purification and formation of mixed disulphide adducts with thiol reagents

Voronova, Anastassia; Kazantseva, Jekaterina; Tuuling, Marina; Sokolova, Niina; Sillard, Rannar; Palumaa, Peep Protein expression and purification 2007 / 1, p. 138-144 : ill <https://www.sciencedirect.com/science/article/pii/S1046592806003901>

Degradation of ceftriaxone in water by heterogeneously activated persulfate [Online resource]

Kuntus, Liina; Dulova, Niina; Kattel, Eneliis Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p <http://fmtdk.ut.ee/teesid-2019/>

Deposition of copper indium disulphide films by chemical spray pyrolysis

Kijatkina, Olga 2004 https://www.esther.ee/record=b1926863*est

Effects of sulphur and tin disulphide vapour treatments of Cu₂ZnSnS(Se)4 absorber materials for monograin solar cells

Kauk, Marit; Muska, Katri; Altosaar, Mare; Raudoja, Jaan; Pilvet, Maris; Varema, Tiit; Timmo, Kristi; Volobujeva, Olga Energy procedia 2011 / p. 197-202 <https://www.sciencedirect.com/science/article/pii/S1876610211020030>

Formation of copper zinc tin sulfide in cadmium iodide for monograin membrane solar cells

Nkwusi, Godswill; Leinemann, Inga; Grossberg, Maarja; Kaljuvee, Tiit; Traksmaa, Rainer; Altosaar, Mare; Meissner, Dieter Conference proceedings of the Conference of Young Scientists on Energy Issues : CYSENI 2012 : May 24–25, Kaunas, Lithuania 2012 / p. II 38-II 46 : ill

https://www.researchgate.net/publication/274889568_FORMATION_OF_COPPER_ZINC_TIN_SULFIDE_IN_CADMUM_IODIDE_FOR_MONOGRAIN_MEMORY_SOLAR_CELLS

Formation of metal sulfide thin films in chemical spray pyrolysis process

Krunks, Malle Pyrolysis 2002 : 15th International Symposium on Analytical and Applied Pyrolysis, Leoben, Austria, September 17th to 20th 2002 : abstracts volume 2002 / p. 59

Hydrolyse und Oxydation von Eisen- und Calciumsulfiden im wässrigen Medium

Elenurm, Alfred; Mölder, Leevi; Rohtla, Ilme Proceedings of the Estonian Academy of Sciences. Chemistry 1996 / 1/2, p. 30-41

Insights into nonylphenol degradation by UV-activated persulfate and persulfate/hydrogen peroxide systems in aqueous matrices: a comparative study

Balpreet Kaur; Kattel, Eneliis; Dulova, Niina Environmental science and pollution research 2020 / p. 22499–22510

<https://doi.org/10.1007/s11356-020-08886-y> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Intermediate compounds in formation of copper sulfides by spray pyrolysis

Krunks, Malle; Mellikov, Enn; Bijakina, Olga Proceedings of the Estonian Academy of Sciences. Engineering 1996 / 1, p. 98-106: ill

Low processing temperatures explored in Sb₂S₃ solar cells by close-spaced sublimation and analysis of bulk and interface related defects

Krautmann, Robert; Spalatu, Nicolae; Josepson, Raavo; Nedzinskas, Ramunas; Kondrotas, Rokas; Gržibovskis, R.; Vembriš, Aivars; Krunks, Malle; Oja Acik, Ilona Solar energy materials and solar cells 2023 / art. 112139, 9 p. : ill

<https://doi.org/10.1016/j.solmat.2022.112139> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Metal sulfide thin films by chemical spray pyrolysis

Krunks, Malle; Mellikov, Enn Proceedings of SPIE 2001 / p. 60-65

Metallid (mailma)merest

Soesoo, Alvar Meri 2016 / lk. 38-46 https://artiklid.elnet.ee/record=b2818162*est

Nahatööstuse heitvees sisalduvate sulfiidide elektrokeemiline oksüdeerimine

Performance of UIO-66-NH₂ on oxidation of debenzothiophene from a model fuel : optimization using response surface methodology

Barghi, Bijan; Niidu, Allan; Raag, Anastassia; Jürisoo, Martin; Volokhova, Maria; **Mikli, Valdek** Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 8 I. [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

Photo-induced persulfate oxidation of emerging micropollutants in water matrices [Online resource]

Balpreet Kaur; Kattel, Eneliis; Trapido, Marina; Dulova, Niina Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p <http://fmtdk.ut.ee/teesid-2019/>

Post deposition annealing effect on properties of CdS films and its impact on CdS/Sb₂Se₃ solar cells performance

Gopi, Sajeesh Vadakkedath; Spalatu, Nicolae; Basnayaka, Madhawa; Krautmann, Robert; Katerski, Atanas; Josepson, Raavo; Grzibovskis, Raitis; Vembriis, Aivars; Krunks, Malle; Oja Acik, Ilona Frontiers in Energy Research 2023 / art. 1162576, 12 p <https://doi.org/10.3389/fenrg.2023.1162576> [Journal metrics at Scopus Article at Scopus](#) [Journal metrics at WOS Article at WOS](#)

Pulsed laser deposition of chalcogenide sulfides from multi- and single-component targets: the non-stoichiometric material transfer

Schou, Jorgen; Gansukh, Mungunshagai; Ettlinger, Rebecca B.; Cazzaniga, Andrea; **Grossberg, Maarja; Kauk-Kuusik, Marit; Canulescu, Stela** Applied physics. A, Materials science & processing 2018 / Art. nr. 78 <https://doi.org/10.1007/s00339-017-1475-3> [Journal metrics at Scopus Article at Scopus](#) [Journal metrics at WOS Article at WOS](#)

Simulations of benzene and hydrogen-sulfide gas detector based on single-walled carbon nanotube over intrinsic 4H-SiC substrate

Rashid, Muhammad Haroon; Koel, Ants; Rang, Toomas; Ziko, Mehadi Hasan Micromachines 2020 / art. 453, 13 p. : ill <https://doi.org/10.3390/mi11050453> [Journal metrics at Scopus Article at Scopus](#) [Journal metrics at WOS Article at WOS](#)

SnS thin films deposition by chemical solution method and characterization = SnS õhukeste kilede sadestamine keemilisest lahusest ja saadud kilede iseloomustamine

Safanova, Maria 2016 https://www.esther.ee/record=b4535442*est

Sprayed CuInS₂ thin films for solar cells : the effect of solution composition and post-deposition treatments

Krunks, Malle; Bijakina, Olga; Mikli, Valdek; Rebane, Helen; Varema, Tiit; Altosaar, Mare; Mellikov, Enn 11th International Photovoltaic Science and Engineering Conference : Sept. 20-24/1999, Hokkaido, Japan : technical digest 1999 / p. 845-846: ill <https://www.sciencedirect.com/science/article/pii/S0927024800003810>

Study of In₂Si₃ and ZnS thin films deposited by ultrasonic spray pyrolysis and chemical deposition = Ultraheli pihustuspürolüüs ja keemilise sadestamise meetodil kasvatatud In₂Si₃ ja ZnS õhukeste kilede uurimine

Ernits, Kaia 2009 <https://digi.lib.ttu.ee/l/?2452> https://www.esther.ee/record=b2524289*est

Study of zinc thiocarbamide chloride, a single-source precursor for zinc sulfide thin films by spray pyrolysis

Krunks, Malle; Madarasz, Janos; Leskelä, T.; Mere, Arvo; Niinistö, L.; Pokol, György Journal of thermal analysis and calorimetry 2003 / 1/2, ESTAC 8 : proceedings of the 8th European Symposium on Thermal Analysis and Calorimetry : Barcelona, Spain, August 25-29, 2002. Volume 2. ISBN 963-05-8044-6. p. 497-506 : ill <https://link.springer.com/article/10.1023/A:1024561212883>

A study on the possibility of desulfurization of liquid products of the pyrolysis of Estonian oil shale

Fomitšov, Mihail; Pihl, Olga GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 23 <http://fmtdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Synthesis of 2-(S)-[(4-methylphenyl)sulfinyl]-2-cyclo penten-1-one, a D-ring precursor of 9,11-seco steroids

Kõollo, Marek; Rõuk, Kristi; Lopp, Margus Proceedings of the Estonian Academy of Sciences 2022 / p. 307-313 : ill <https://doi.org/10.3176/proc.2022.4.01> [Journal metrics at Scopus Article at Scopus](#) [Journal metrics at WOS Article at WOS](#)

The cost-effective deposition of ultra-thin titanium(IV) oxide passivating layers for improving photoelectrochemical activity of SnS electrodes

Kois, Julia; Polivtseva, Svetlana; Bereznev, Sergei Thin solid films 2019 / p. 152-156 : ill <https://doi.org/10.1016/j.tsf.2018.12.047> [Journal metrics at Scopus Article at Scopus](#) [Journal metrics at WOS Article at WOS](#)

Thermoanalytical study of precursors for SnS thin films deposited by chemical spray pyrolysis method

Polivtseva, Svetlana; Oja Acik, Ilona; Tõnsuaadu, Kaia; Mere, Arvo; Krunks, Malle ESTAC-11 : the 11th European Symposium on Thermal Analysis and Calorimetry : Dipoli Congress Center, Espoo, Finland, August 17-21, 2014 : abstracts 2014 / p. 86

Thermodynamic and kinetic study of CaS in aqueous systems

Tamm, Kadriann; Uibu, Mai; Kallas, Juha; Kallaste, Priit; Velts-Jänes, Olga; Kuusik, Rein, keemik Fuel processing technology

Tin sulfide films by chemical spray pyrolysis : formation and properties = Tinasulfid kiled keemilise pihustuspürolüüsi meetodil : moodustumine ja omadused

Polivtseva, Svetlana 2018 <https://digi.lib.ttu.ee/i/?9416> https://www.esther.ee/record=b4767116*est

О групповом составе сернистых соединений сланцевой смолы

Silland, Harald; Aarna, Agu Сборник статей по химии и технологии горючего сланца. 4 1958 / с. 119-128 : илл
https://www.esther.ee/record=b2181270*est <https://digikogu.taltech.ee/et/item/9e663eaf-55f5-4ab2-9ec1-85514c07981d>

Visible light-assisted instability of kesterite Cu₂ZnSnS₄ : what are the implications?

Koisi, Julia; Polivtseva, Svetlana; Mamedov, Damir; Samieipour, Ali; Karazhanov, S. Zh. Solar energy materials and solar cells 2020 / art. 110384, 10 p <https://doi.org/10.1016/j.solmat.2019.110384> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Õhukesekilelised päikesepatareid pihustuspürolüüsi meetodil

Krunks, Malle Teadusmõte Eestis. 4, Tehnikateadused. 2 2007 / lk. 41-48 : ill

Анализ сульфидов меди разных степеней окисления вольтампериметрии с пастовым электродом

Vidrevitš, Marina; Urtskaja, Alla; Kitajev, G.; Mellikov, Enn; Krunks, Malle Заводская лаборатория : ежемесячный научно-технический журнал 1984 / с. 17-19

Влияние концентрации плавней полисульфидов натрия и калия на механизм кристаллизации, морфологию кристаллов и оптико-электрические свойства люминофоров на основе CdS

Mellikov, Enn Тезисы XXIII Всесоюзной конференции по люминесценции 1976 / с. 196 https://www.esther.ee/record=b3798280*est

Влияние расплавленных CdCl₂ и Na₂S_x на совершенство частиц порошка CdS

Mellikov, Enn; Hiie, Jaan Известия Академии наук СССР. Неорганические материалы 1981 / с. 1562-1564 : ил
https://www.esther.ee/record=b1611497*est

Зависимость фазового состава химически пульверизованных пленок сульфида свинца от условий выращивания

Kerm, Karin; Nirik, M.; Tönsberg, Pärtel Полупроводниковые материалы. 3 1976 / с. 81-85 : илл
https://www.esther.ee/record=b1403374*est <https://digikogu.taltech.ee/et/item/5f8fd05c-ff69-4315-9d64-1d9c9611667b>

Механизм и кинетика синтеза полисульфидов натрия и калия

Mellikov, Enn Первое всесоюзное совещание по химии и технологии халькогенов и халькогенидов : тезисы докладов 1978 / с. 64-65

О возможности определения некоторых элементов в природном сульфиде свинца химико-спектральным методом

Hödrejärv, Helvi Сборник статей по химии и химической технологии. 12 1965 / с. 141-153 : илл
https://www.esther.ee/record=b2182032*est <https://digikogu.taltech.ee/et/item/cc98a110-70ff-45fd-9a24-57acf33fc031>

О составе химически пульверизированных пленок сульфида свинца

Tönsberg, Pärtel; Nirik, M. II республиканская конференция молодых ученых-химиков, 17-19 мая 1977 : тезисы докладов. Часть 2 1977 / с. 105 https://www.esther.ee/record=b1308855*est

Получение пленок сульфида свинца

Tönsberg, Pärtel; Nirik, M. I республиканская конференция молодых ученых-химиков, 20-22 мая 1975 года : тезисы докладов 1975 / с. 191-192 https://www.esther.ee/record=b1309964*est

Разработка технологии синтеза полисульфидов натрия и калия

Mellikov, Enn Тезисы докладов [V] Конференции по технологии получения, исследованию свойств, применению редких металлов их соединений и полупроводниковых материалов : Посвященный XXV съезду КПСС 1976 / с. 52

Релаксация высокотемпературной проводимости в легированных моноцисталлах сульфида и селенида кадмия

Varema, Tiit IV республиканская конференция молодых ученых-химиков : тезисы докладов 1981 / с. 104-105
https://www.esther.ee/record=b1309986*est

Сенсибилизованный фотолиз на слоях сульфида сурьмы

Pikka, Tiit; Tamm, E.; Fridkin, Vladimir Журнал научной и прикладной фотографии и кинематографии 1979 / с. 180-182

Синтез и применение узкодисперсных порошков сульфида и селенида кадмия

Krunks, Malle; Mellikov, Enn; Hiie, Jaan Дисперсные кристаллические порошки в материаловедении : доклады семинара

Фотопреобразователи CdS-Cu₂S на основе пульверизованных пленок

Krunks, Malle; Mellikov, Enn; Sork, Eeve; Varema, Tiit Материалы «IX Международного совещания по фотоэлектрическим и оптическим явлениям в твердых телах» Варна, Болгария 1989 / с. 36-37

Экспериментальное исследование стойкости сульфидных катодолюминоров при облучении фотонами

Kokkota, Valmar; Šerstnev, L. Полупроводниковые материалы. 2 1972 / с. 133-140 : илл https://www.esther.ee/record=b1476073*est
<https://digikogu.taltech.ee/et/item/75bd57ba-4543-4614-ab7c-3230cb13e005>

Экстракция в качестве метода обогащения микроэлементов при химико-спектральном анализе пригодного сульфида свинца

Hödrejärv, Helvi XX научная конференция, посвященная 25-летию Эстонской ССР 18-22 мая 1965 г. : тезисы и резюме 1965 / с. 103 https://www.esther.ee/record=b1359832*est