

## **Baltic Sea biological effects activity cluster: joint regional activities for an improved assessment of chemical pollution in the marine environment**

Lehtonen, Kari K.; Gorokhova, Elena; Rowe, Owen; Pazdro, Ksenia; Barda, Ieva; Alurralde, Roque Gastón; Tairova, Zhanna M.; **Kolesova, Natalja**; Sturve, Joachim; **Kuprijanov, Ivan**; Stankeviciute, Milda; Strode, Evita; Turja, Raisa SETAC Europe 34th Annual Meeting : "Science-Based Solutions in Times of Crisis : Integrating Science and Policy for Environmental Challenges" : book of abstracts 2024 / abs. 4.08.P-Mo363 <https://setac.confex.com/setac/europe2024/meetingapp.cgi/Paper/23793>

## **Development and study of ZnO: In optical scintillation ceramic**

Gorokhova, Elena; Eroniko, S.B.; Kulkov, A.M.; Oreshchenko, E.A.; Simonova, K.L.; Chernenko, K.A.; Venevtsev, I.D.; Rodnyi, P.A.; **Lott, Kalju**; Wiczorek, H. Journal of optical technology 2015 / p. 837-842 : ill <https://doi.org/10.1364/JOT.82.000837> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **High temperature antistructure disorder in undoped ZnS**

**Lott, Kalju; Šinkarenko, Svetlana; Tünn, Leo; Nirk, Tiit; Öpik, Andres; Kallavus, Urve**; Gorokhova, Elena; Grebennik, A.; Vishnjakov, A. Physica B : condensed matter 2009 / 23/24, p. 5006-5008 : ill <https://www.sciencedirect.com/science/article/pii/S0921452609009910>

## **High temperature defect equilibrium in ZnS:Cu single crystals**

**Lott, Kalju; Šinkarenko, Svetlana; Tünn, Leo; Nirk, Tiit; Öpik, Andres; Kallavus, Urve**; Gorokhova, Elena; Grebennik, A.; Vishnjakov, A. Physica status solidi (b) 2010 / 7, p. 1662-1665

## **High temperature electrical conductivity in ZnS:Cu ceramics and in CdSe-CdTe polycrystalline solid solutions**

**Lott, Kalju; Nirk, Tiit**; Gorokhova, Elena; Ryzhikov, Engels Polyse'98 : Polycrystalline Semiconductors, September 13-18, 1998, Stadtgarten, Schwäbisch Gmünd, Germany : final program and abstracts 1998 / p. P31

## **High temperature electrical conductivity in ZnS:Cu:Cl ceramics and in CdSexTe1-x polycrystalline solid solutions**

**Lott, Kalju; Nirk, Tiit**; Gorokhova, Elena; Ryzhikov, Engels Solid state phenomena 1999 / Polycrystalline Semiconductors V : Bulk Materials, Thin Films and Devices : Proceedings of the Fifth International Conference, held in Schwäbisch Gmünd, Germany, September 13-18, 1998, ISBN 3-908450-43-8, p. 329-334: ill

## **High temperature electrical conductivity in ZnSe:In and in CdSe:In under selenium vapor pressure**

**Lott, Kalju; Šinkarenko, Svetlana; Volobujeva, Olga; Tünn, Leo; Nirk, Tiit; Öpik, Andres; Nisumaa, Reet; Kallavus, Urve**; Nöges, M.; **Mikli, Valdek; Viljus, Mart**; Gorokhova, Elena; Ananjeva, G.; Grebennik, A.; Vishnjakov, A. Physica status solidi (b) 2007 / 5, p. 1623-1626 [https://www.researchgate.net/publication/238892320\\_High\\_temperature\\_electrical\\_conductivity\\_in\\_ZnSeln\\_and\\_in\\_CdSeln\\_under\\_selenium\\_vapor\\_pressure](https://www.researchgate.net/publication/238892320_High_temperature_electrical_conductivity_in_ZnSeln_and_in_CdSeln_under_selenium_vapor_pressure)

## **High temperature electrical conductivity in undoped ceramic ZnO**

**Lott, Kalju; Nirk, Tiit**; Gorokhova, Elena; Tünn, Leo; Viljus, Mart; **Öpik, Andres**; Vishnjakov, A. Crystal research and technology 2015 / p. 10-14 : ill <https://doi.org/10.1002/crat.201400138> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

## **Linking contaminant exposure to embryo aberrations in sediment-dwelling amphipods : a multi-basin field study in the Baltic Sea**

**Kolesova, Natalja; Sildever, Sirje**; Strode, Evita; Berezina, Nadezhda; Sundelin, B.; **Lips, Inga; Kuprijanov, Ivan; Buschmann, Fred**; Gorokhova, Elena Ecological indicators 2024 / art. 111837, 11 p. ill <https://doi.org/10.1016/j.ecolind.2024.111837> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Solid phase recrystallization of ZnS ceramics in phase transition region**

**Lott, Kalju**; Ananjeva, G.; Gorokhova, Elena The Ninth International Conference on II-VI Compounds : November 1-5, 1999, Kyoto, Japan 1999 / p. 107 <https://www.sciencedirect.com/science/article/pii/S0022024800002165>

## **Solid-phase recrystallization of ZnS ceramics in phase transition region**

**Lott, Kalju**; Ananjeva, G.; Gorokhova, Elena II-VI Compounds 1999 : proceedings of the Ninth International Conference on II-VI Compounds : Kyoto, Japan, 1-5 November 1999 2000 / p. 894-898 : ill <https://www.sciencedirect.com/science/article/pii/S0022024800002165>

## **Structural, optical, and scintillation characteristics of ZnO ceramics**

Gorokhova, Elena; Rodnyi, P.; Lokshin, E.; **Lott, Kalju** Journal of optical technology 2011 / p. 753-760 [https://www.researchgate.net/publication/249329462\\_Structural\\_optical\\_and\\_scintillation\\_characteristics\\_of\\_ZnO\\_ceramics](https://www.researchgate.net/publication/249329462_Structural_optical_and_scintillation_characteristics_of_ZnO_ceramics)

## **Uus meetod kuubiliste ZnS monokristallide kasvatamiseks**

**Lott, Kalju; Paat, Aadu; Viljus, Mart**; Gorokhova, Elena; Ananjeva, G. XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 87-88