

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/10.1088/0031-9949/90/9/094015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Energy of excitons in CuInS₂ single crystals

Yakushev, M.V.; Mudryi, A.V.; Victorov, I.V.; **Krustok, Jüri; Mellikov, Enn** Applied physics letters 2006 / 1, [3] p

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](#)

Identification of excitons and biexcitons in Sb₂Se₃ under high photoluminescence excitation density

Krustok, Jüri; Kondrotas, Rokas; Nedzinskas, Ramunas; Timmo, Kristi; Kaupmees, Reelika; Mikli, Valdek; Grossberg, Maarja Advanced optical materials 2021 / 8 p. : ill <https://doi.org/10.1002/adom.202100107> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

In-depth photoluminescence analysis of Cu₂GeS₃ microcrystals under pulsed and continuous-wave excitation

Krustok, Jüri; Kokla, Joel; Kaupmees, Reelika; Grossberg-Kuusk, Maarja; Kauk-Kuusik, Marit Journal of Physics Energy 2025 <https://doi.org/10.1088/2515-7655/adc836>

Study of the edge and exciton emission in CdTe:Cu:Cl powder samples

Krustok, Jüri; Mädasson, Jaan; Hjelt, Kari; Collan, Heikki Journal of materials science letters 1995 / p. 1490-1492: ill

Study of the edge and exciton emission in the CdTe:Cu:Cl powder samples

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Study of the optical properties of Sb₂(Se_{1-x}S_x)₃ (x = 0-1) solid solutions

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Temperature dependence of very deep emission from an exciton bound to an isoelectronic defect in polycrystalline CuInS₂

Krustok, Jüri; Raudoja, Jaan; Jaaniso, Raivo Applied physics letters 2006 / 5, p. 051905 ([3] p.) : ill https://staff.ttu.ee/~juri.krustok/PDF-s/Krustok,%20Raudoja,%20Jaaniso_APL.pdf

Unusual defect-related room-temperature emission from WS₂ monolayers synthesized through a potassium-based precursor

Walke, Peter R.; Kaupmees, Reelika; Grossberg-Kuusk, Maarja; Krustok, Jüri ACS omega 2023 / p. 37958-37970 <https://doi.org/10.1021/acsomega.3c03476> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)