

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](#)

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

Uslu, Mehmet Ender; Kondrotas, Rokas; Nedzinskas, Ramunas; **Volobujeva, Olga**; **Timmo, Kristi**; **Kauk-Kuusik, Marit**; **Krustok, Jüri**; **Grossberg, Maarja** Materials science in semiconductor processing 2022 / art. 106571 <https://doi.org/10.1016/j.mssp.2022.106571> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)