

Aqueous and non-aqueous sol-gel synthesis routes for the preparation of calcium hydroxyapatite

Bogdanoviciene, Irma; Beganskiene, Aldona; **Tõnsuaadu, Kaia**; Kareiva, Aivaras Conference on Knowledge-based Materials and Technologies for Sustainable Chemistry : 1-5 June 2005, Tallinn, Estonia : abstract book 2005 / p. 125

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](#)

Influence of gelation temperature on the properties of sol-gel-derived calcium hydroxyapatite ceramics

Bogdanoviciene, Irma; **Tõnsuaadu, Kaia**; Kareiva, Aivaras Polish journal of chemistry 2009 / p. 47-55 : ill https://www.researchgate.net/publication/287549393_Influence_of_Gelation_Temperature_on_the_Properties_of_Sol-Gel-Derived_Calcium_Hydroxyapatite_Ceramics

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](#)

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Особенности процессов развития кристаллизационной структуры гидросиликатов кальция при твердении известково-кремнеземистых автоклавных материалов

Grüner, Georg-Richard; Butt, Juri; **Schmidt, Ludvig**; Larionova, Z. M.; Volhov, S. S.; Garašin, V. R. Сборник трудов (НИПИ силикатобетон), 3 1968 / с. 14-16 : илл. https://www.ester.ee/record=b1764431*est