Aqueous carbonation of oil shale wastes from Estonian power production for CO2 fixation and PCC production
Uibu, Mai; **Velts, Olga**; **Kuusik, Rein, keemik** CYSENI 2011 : the 8th Annual International Conference of Young Scientist on Energy Issues, May 26-27, 2011, Kaunas, Lithuania : conference proceedings 2011 / p. 415-424 : ill

Aqueous mineral carbonation of oil shale mine waste (limestone) : a feasibility study to develop a CO2 capture sorbent
Puthiya Veetil, Sanoop Kumar; **Rebane, Kaarel**; **Yörük, Can Rüstü**; **Lopp, Margus**; **Trikkel, Andres**; **Hitch, Michael William** Energy 2021 / art. 119895 https://doi.org/10.1016/j.energy.2021.119895 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Carbon dioxide sequestration in power plant Ca-rich ash waste deposits
Leben, Kristjan; **Mõtlep, Riho**; **Konist, Alar**; **Pihu, Tõnu**; **Kirsimäe, Kalle** Oil shale 2021 / p. 65–88 : ill https://doi.org/10.3176/oil.2021.1.04 https://kirj.ee/wp-content/plugins/kirj/pub/OS-1-2021-65-88_20210222125803.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

CO2 mineralisation : concept for co-utilization of oil shale energetics waste streams in CaCO3 production
Velts, Olga; **Uibu, Mai**; **Kallas, Juha**; **Kuusik, Rein, keemik** Energy procedia 2013 / p. 5921-5928 : ill https://www.sciencedirect.com/science/article/pii/S1876610213007613 https://doi.org/10.1016/j.egypro.2013.06.518 Conference Proceedings at Scopus Article at Scopus Article at WOS

CO2 mineralization by burnt oil shale and cement bypass dust : effect of operating temperature and pre-treatment
Yörük, Can Rüstü; **Uibu, Mai**; **Usta, Mustafa Cem**; **Kaljuvee, Tiit**; **Trikkel, Andres** Journal of thermal analysis and calorimetry 2020 / p. 991–999 : ill https://doi.org/10.1007/s10973-020-09349-9 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

From waste to value : CaCO3 crystallization on the basis of waste oil shale ash
Velts, Olga; **Uibu, Mai**; **Kallas, Juha**; **Kuusik, Rein, keemik** Proceedings of the Air & Waste Management Association's (A&WMA) 105th Annual Conference & Exhibition 2012 / [10] p. : ill

Integrated Mineral Carbonation of Ultramafic Mine Deposits - A Review
Li, Jiajie; **Hitch, Michael William**; Power, Ian M.; Pan, Yueyi Minerals 2018 / art. 147, 18 p. : ill http://dx.doi.org/10.3390/min8040147

Market stakeholder analysis of the practical implementation of carbonation curing on steel slag for urban sustainable governance
Li, Jiajie; Wang, Chenyu; Song, Xiaoqian; Jin, Xin; Zhao, Shaowei; Qi, Zihan; Zeng, Hui; Zhu, Sitao; Jiang, Fuxing; Ni, Wen; **Hitch, Michael William** Energies 2022 / art. 2399, 19 p. : ill https://doi.org/10.3390/en15072399

Mechanical activation of magnesium silicates for mineral carbonation, a review
Li, Jiajie; **Hitch, Michael William** Minerals engineering 2018 / p. 69-83 : ill https://doi.org/10.1016/j.mineng.2018.08.034 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Techno-economic modelling of the Baltic CCUS onshore scenario
Šogenova, Alla; **Šogenov, Kazbulat**; **Uibu, Mai**; **Kuusik, Rein, keemik**; **Simmer, Karl** Baltic Carbon Forum 2022 / p. 4 https://doi.org/10.21595/bcf.2022.22841

Techno-economic modelling of the Baltic CCUS onshore scenario for the cement industry supported by CLEANKER project
Šogenova, Alla; **Šogenov, Kazbulat**; **Uibu, Mai**; **Kuusik, Rein, keemik**; **Simmer, Karl**; **Canonico, Fulvio** Proceedings of the 15th Greenhouse Gas Control Technologies Conference 15-18 March 2021 2021 / 13 p. : ill https://ssrn.com/abstract=3817710 https://doi.org/10.2139/ssrn.3817710

The effect of mineral composition on direct aqueous carbonation of ultramafic mine waste rock for CO2 sequestration, a case study of Turnagain ultramafic complex in British Columbia, Canada
Li, Jiajie; Jacobs, Anthony D.; **Hitch, Michael William** International journal of mining, reclamation and environment 2022 / p. 267-286 https://doi.org/10.1080/17480930.2022.2041340