Advances in room temperature fluoride-ion batteries
Molaiyan, Palanivel; **Mohammad, Irshad**; **Witter, Raiker** 20th International Conference on Advanced Energy Materials and Research, August 13-14, 2018, Dublin, Ireland : posters 2018 / p. 94 : ill https://doi.org/10.4172/2576-1463-C1-003

Application-oriented performance characterization of the ionic polymer transducers (IPTs) = Ioonpolümeeridest täiturite võimekuse karakteriseerimine rakendusteks
Hunt, Andres 2017 https://digi.lib.ttu.ee/i/?7576 https://www.ester.ee/record=b4670806*est

CaF2 solidlstate electrolytes prepared by vapor pressure exposure and solid synthesis for defect and ionic conductivity tuning
Molaiyan, Palanivel; **Witter, Raiker** Material design & processing communications 2020 / art. e76, 6 p. : ill https://onlinelibrary.wiley.com/doi/epdf/10.1002/mdp2.76 https://doi.org/10.1002/mdp2.76 Journal metrics at Scopus Article at Scopus

Crystal phase and surface defect driven synthesis of Pb1−xSnxF2 solid solution electrolyte for fluoride ion batteries
Molaiyan, Palanivel; **Witter, Raiker** Journal of electroanalytical chemistry 2019 / p. 154-159 https://doi.org/10.1016/j.jelechem.2019.04.063 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A distributed model of ionomeric polymer metal composite
Punning, Andres; Johanson, Urmas; Anton, Mart; Aabloo, Alvo; **Kruusmaa, Maarja** Journal of intelligent material systems and structures 2009 / p. 1711-1724 : ill https://doi.org/10.1177/1045389X0933717

Mechanochemical synthesis of solid-state electrolyte Sm1−xCaxF3−x for batteries and other electrochemical devices
Molaiyan, Palanivel; **Witter, Raiker** Materials letters 2019 / p. 22-26 https://doi.org/10.1016/j.matlet.2019.02.034 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Monograin membranes as artificial thylakoid membranes [Online resource]
Samieipour, Ali; **Kouhiisfahani, Elham**; Morawietz, Tobias; Hiesgen, Renate; **Meissner, Dieter** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill http://fmtdk.ut.ee/teesid/

Nanostructured fluorite-type fluorides as electrolytes for fluoride ion batteries
Rongeat, Carine; Reddy, M. Anji; **Witter, Raiker**; Fichtner, Maximilian Journal of Physical Chemistry C 2013 / p. 4943 - 4950 https://doi.org/10.1021/jp3117825 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Solid electrolytes for fluoride ion batteries : ionic conductivity in polycrystalline tysonite-type fluorides
Rongeat, Carine; Reddy, M. Anji; **Witter, Raiker**; Fichtner, Maximilian ACS applied materials and interfaces ACS applied materials & interfaces 2014 / p. 2103-2110 : ill https://doi.org/10.1021/am4052188 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Solid-State Electrolytes for Fluoride-ion Batteries = Tahked elektrolüüdid fluoriidioon akudele
Molaiyan, Palanivel 2020 https://digikogu.taltech.ee/et/Item/17026f91-1ab4-4794-862b-a326f5d4c460

Surface defectlenhanced conductivity of calcium fluoride for electrochemical applications
Molaiyan, Palanivel; **Witter, Raiker** Material design & processing communications 2019 / art. e44, 10 p. : ill https://doi.org/10.1002/mdp2.44

Synthesis and characterization of Ca(1−x)SmxF(2+x) (0 ≤ x ≤ 0.15) solid electrolytes for fluoride-ion batteries
Molaiyan, Palanivel; **Witter, Raiker** Material design and processing communications 2021 / art. e226, 6 p. : ill https://doi.org/10.1002/mdp2.226 Journal metrics at Scopus Article at Scopus

Synthesis of fast fluoride-ion-conductive fluorite-type Ba1–xSbxF2+x (0.1 ≤ x ≤ 0.4) : a potential solid electrolyte for fluoride-ion batteries
Mohammad, Irshad; Chable, Johann; **Witter, Raiker**; Fichtner, Maximilian; Reddy, M. Anji ACS applied materials and interfaces ACS applied materials & interfaces 2018 / p. 17249–17256 : ill https://doi.org/10.1021/acsami.8b04108 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Tseoliitide joonse juhtivuse uurimine : väitekiri ... loodusteaduste magistri kraadi taotlemiseks tehnilise füüsika erialal
Mere, Arvo 1996 https://www.ester.ee/record=b2680784*est

Влияние акцепторной примеси на высокотемпературную проводимость
Aarna, Heiti I республиканская конференция молодых ученых-химиков, 20-22 мая 1975 года : тезисы докладов 1975 / с. 189-190 https://www.ester.ee/record=b1309964*est